



WEATHER FORECAST FOR BN

19 OCT- 22 OCT 2020





WEATHER FORECAST – DHAKA

19.10.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|-----------|-----------|------------|
| Temp. / Dew Point | 32 / 24 | 31 / 24 | 29 / 24 | 29 / 24 |
| Wind | 11 km/h S | 6 km/h NW | 3 km/h SE | 1 km/h SSE |
| Humidity | 62% | 61% | 73% | 77% |
| Chance of Precip | 21% | 24% | 5% | 20% |
| Cloud Cover | 65% | 63% | 53% | 45% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise Sunset | 05: 57 AM 17: 28 PM | | | |

Conditions

Pressure : 1008 hpa

Visibility : 8.54 km

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



WEATHER FORECAST – CHATTOGRAM

19.10.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-----------|----------|------------|------------|
| Temp. / Dew Point | 31 / 26 | 31 / 26 | 29 / 26 | 28 / 26 |
| Wind | 8 km/h W | 4 km/h W | 4 km/h S | 3 km/h ESE |
| Humidity | 73% | 77% | 85% | 86% |
| Chance of Precip. | 7% | 10% | 42% | 24% |
| Cloud Cover | 77% | 77% | 75% | 70% |
| Conditions | Cloudy | Cloudy | Light Rain | Light Rain |
| Sunrise | 05: 50 AM | | | |
| Sunset | 17: 23 PM | | | |

Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

19.10.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|------------|----------|------------|
| Temp. / Dew Point | 33 / 26 | 31 / 26 | 28 / 27 | 29 / 27 |
| Wind | 6 km/h SE | 6 km/h NNW | 3 km/h S | 2 km/h WSW |
| Humidity | 69% | 75% | 87% | 91% |
| Chance of Precip. | 41% | 24% | 6% | 8% |
| Cloud Cover | 71% | 88% | 70% | 61% |
| Conditions | Cloudy | Light Rain | Cloudy | Cloudy |
| Sunrise Sunset | 06: 00 AM 17: 32 PM | | | |

Conditions

Pressure : 1006 hpa

Visibility : 8.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 20 Oct 2020 | 21 Oct 2020 | 22 Oct 2020 |
|--------------------------|----------------------|----------------------|----------------------|
| Temperature (C) | 32 °C/ 26 °C | 31 °C/ 26 °C | 29 °C/ 26 °C |
| Summary | Mostly Cloudy | Mostly Cloudy | Light Rain |
| Sun Rise/Set | 5h57m54s/17h28m30s | 5h59m06s/17h27m06s | 5h59m42s/17h26m24s |
| Day Length | 11h30m36s | 11h28m00s | 11h26m42s |
| Moon Rise/ Set | 9:34AM 8:35PM | 10:39AM 9:32PM | 11:41AM 10:35PM |
| Moon Phase/ illu | Waxing Crescent, 22% | Waxing Crescent, 32% | Waxing Crescent, 43% |
| Nautical Twilight | 05:07, 18:21 | 05:07, 18:21 | 05:07, 18:21 |
| Civil Twilight | 05:34, 17:54 | 05:34, 17:54 | 05:34, 17:54 |
| Humidity | D : 74% N : 84% | D : 72% N : 83% | D : 80% N : 85% |
| Barometer (mb) | 1006 | 1007 | 1007 |
| Visibility | Good | Good | Good |
| Precip Chance | 20% | 40% | 50% |
| Wind (mph) | 7 Km/h ESE | 9 Km/h ESE | 16 Km/h ESE |

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



GENERAL WEATHER FORECAST – CHATTOGRAM

| Description | 20 Oct 2020 | 21 Oct 2020 | 22 Oct 2020 |
|-------------------------|----------------------|----------------------|----------------------|
| Temperature (C) | 31 °C/ 26 °C | 31 °C/ 26 °C | 28 °C/ 25 °C |
| Summary | Cloudy/ Light Rain | Cloudy/ Light Rain | Light Rain |
| Sun Rise/Set | 5h50m48s/17h23m54s | 5h51m54s/17h22m42s | 5h52m30s/17h22m06s |
| Day Length | 11h33m06s | 11h30m48s | 11h29m36s |
| Moon Rise/ Set | 9:34AM 8:35PM | 10:39AM 9:32PM | 11:41AM 10:35PM |
| Moon Phase/ illu | Waxing Crescent, 22% | Waxing Crescent, 32% | Waxing Crescent, 43% |
| NauticalTwilight | 05: 02 18:15 | 05: 02 18:15 | 05: 02 18:15 |
| Civil Twilight | 05:27, 17:49 | 05:27, 17:49 | 05:27, 17:49 |
| Humidity | D : 80% N : 91% | D : 80% N : 91% | D : 87% N : 91% |
| Barometer (mb) | 1007 | 1007 | 1007 |
| Visibility | Good | Good | Good |
| Precip Chance | 40% | 60% | 90% |
| Wind (mph) | 5 Km/h W | 8 Km/h SE | 12 Km/h SE |

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



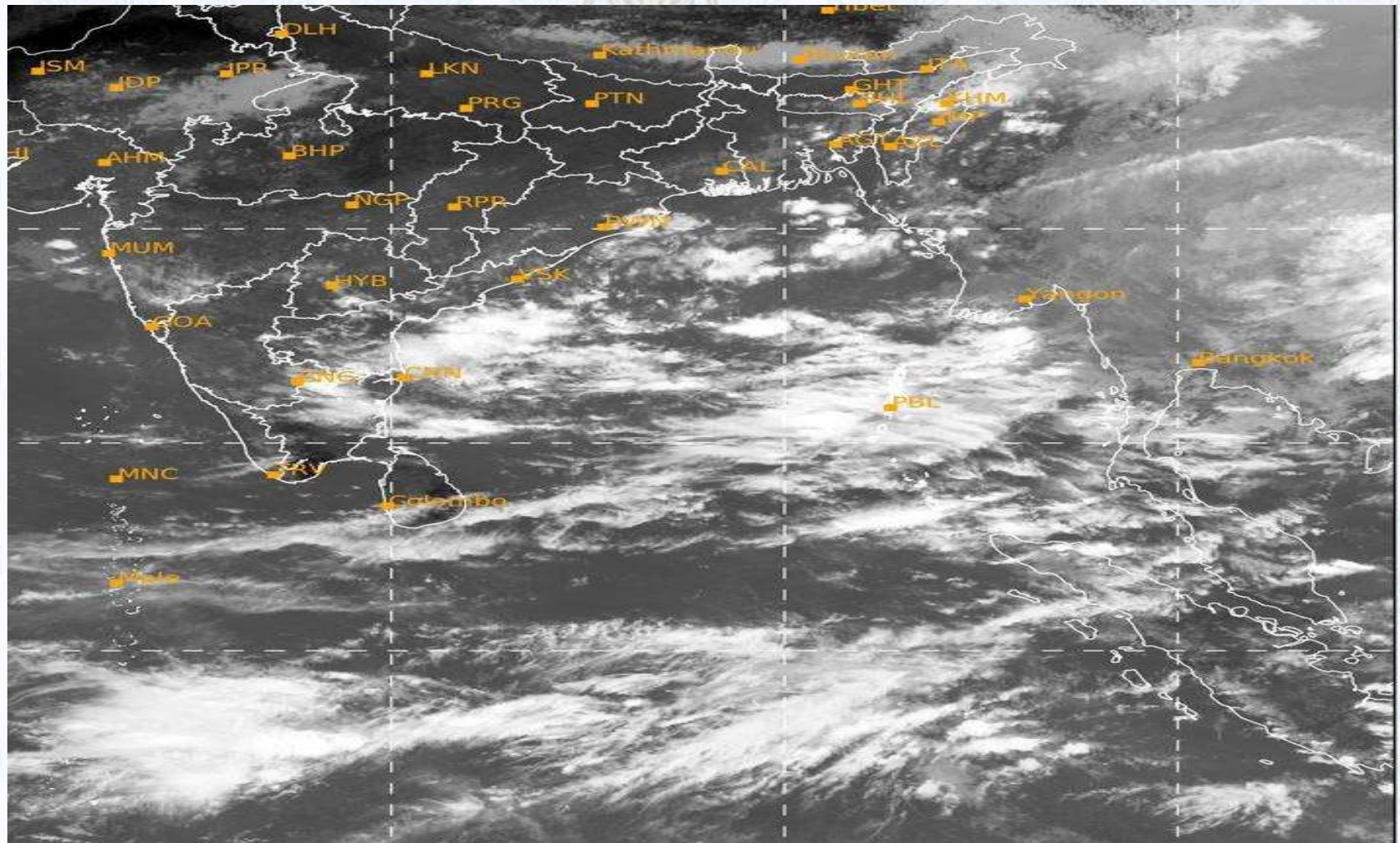
GENERAL WEATHER FORECAST – KHULNA

| Description | 20 Oct 2020 | 21 Oct 2020 | 22 Oct 2020 |
|--------------------------|----------------------|----------------------|----------------------|
| Temperature(C) | 31°C/ 26°C | 31°C/ 26°C | 29°C/ 25°C |
| Summary | Rain | Light Rain | Light Rain |
| Sun Rise/Set | 6h00m24s/17h32m36s | 6h01m30s/17h31m24s | 6h02m06s/17h30m42s |
| Day Length | 11h32m12s | 11h29m54s | 11h28m36s |
| Moon Rise/Set | 9:34AM 8:35PM | 10:39AM 9:32PM | 11:41AM 10:35PM |
| Moon Phase/illu | Waxing Crescent, 22% | Waxing Crescent, 32% | Waxing Crescent, 43% |
| Nautical Twilight | 05:10, 18:24 | 05:10, 18:24 | 05:10, 18:24 |
| Civil Twilight | 05:37, 17:58 | 05:37, 17:58 | 05:37, 17:58 |
| Humidity | D : 85% N : 93% | D : 86% N : 92% | D : 90% N : 94% |
| Barometer (mb) | 1006 | 1007 | 1005 |
| Visibility | Good | Good | Good |
| Precip Chance | 90% | 70% | 70% |
| Wind (mph) | 8 km/h ENE | 15 km/h E | 19 km/h E |

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



SATELLITE VIEW OF BAY OF BENGAL

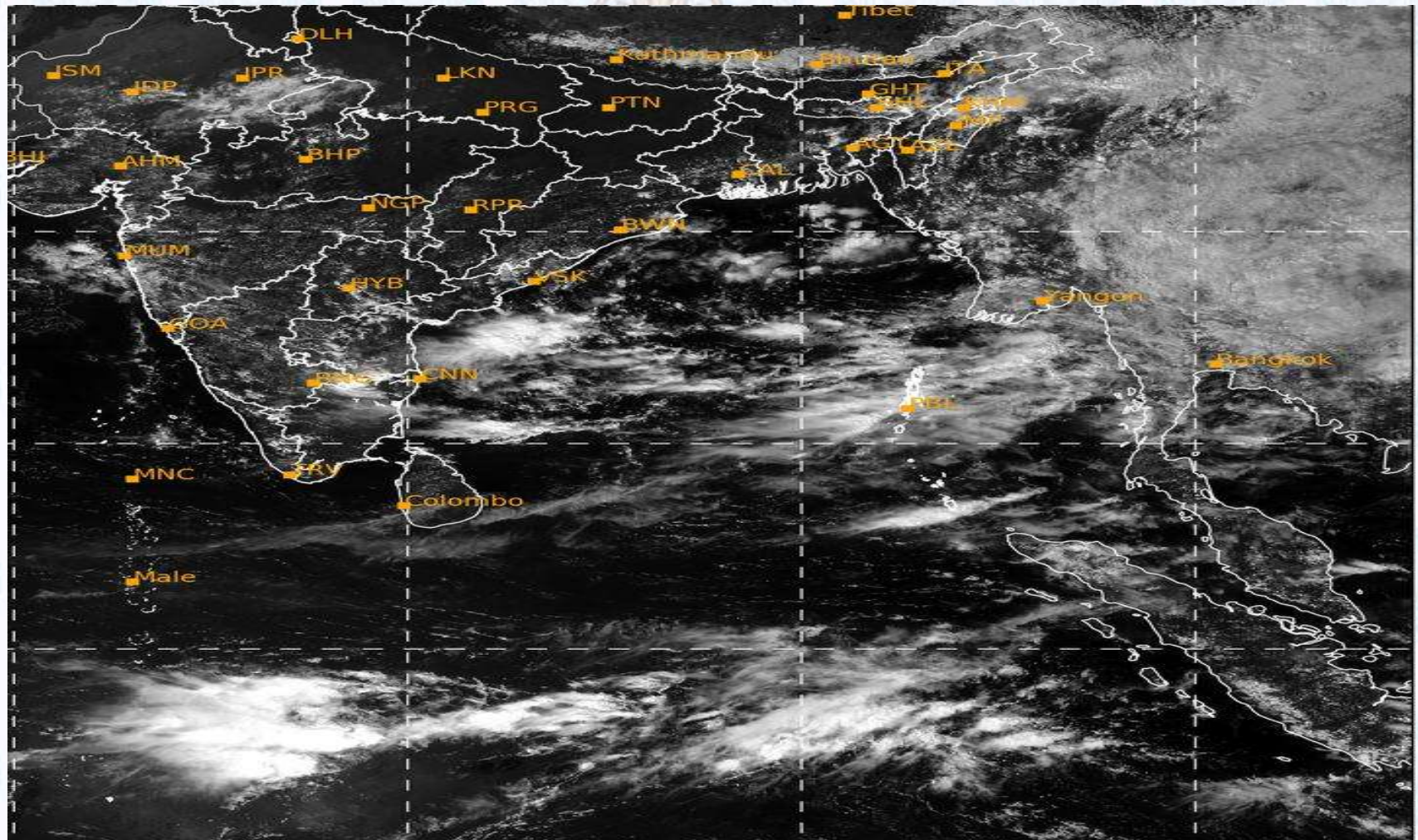


19/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



19/10/2020, 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 19.10.2020)

| | | |
|-------------------|---|---|
| Part One | NO STORM WARNING. | |
| Part Two | TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK OVER NORTH BAY | |
| Part Three | Weather | TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.. |
| | Wind | EAST/ SOUTH-EASTERLY, 10-15 KTS, TEMPORARY GUSTING TO 25 KTS. |
| | Visibility | 03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS. |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT = 19,0000 UTC. CHATTOGRAM =1008 HPA |



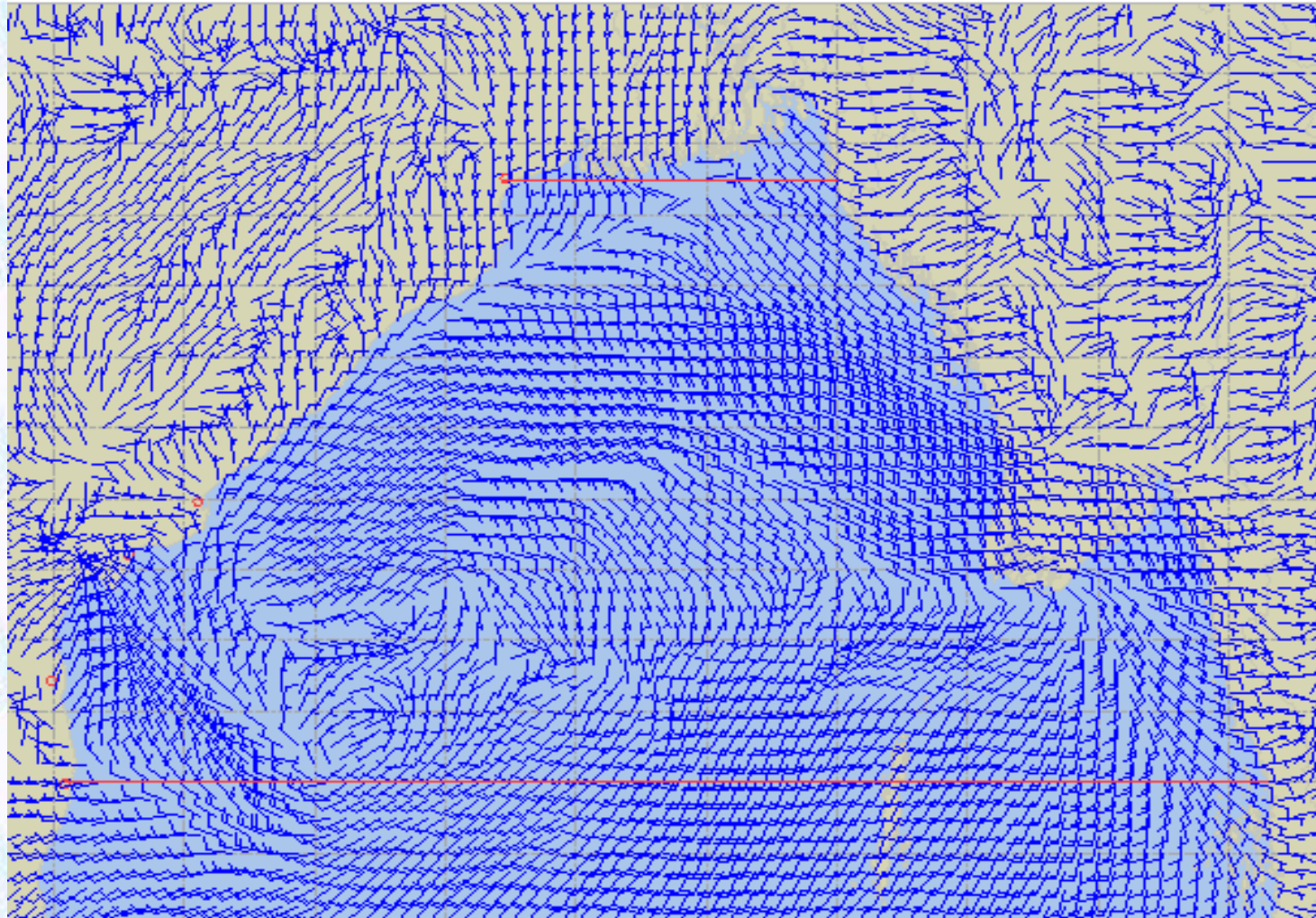
Inland River Port Warning **(VALID TILL 06 PM OF 19.10.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **SOUTH/SOUTH-EASTERLY** GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF JASHORE, KHULNA, BARISHAL, TANGAIL, MYMENISNGH, DHAKA, FARIDPUR, MADARIPUR, 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- 20 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



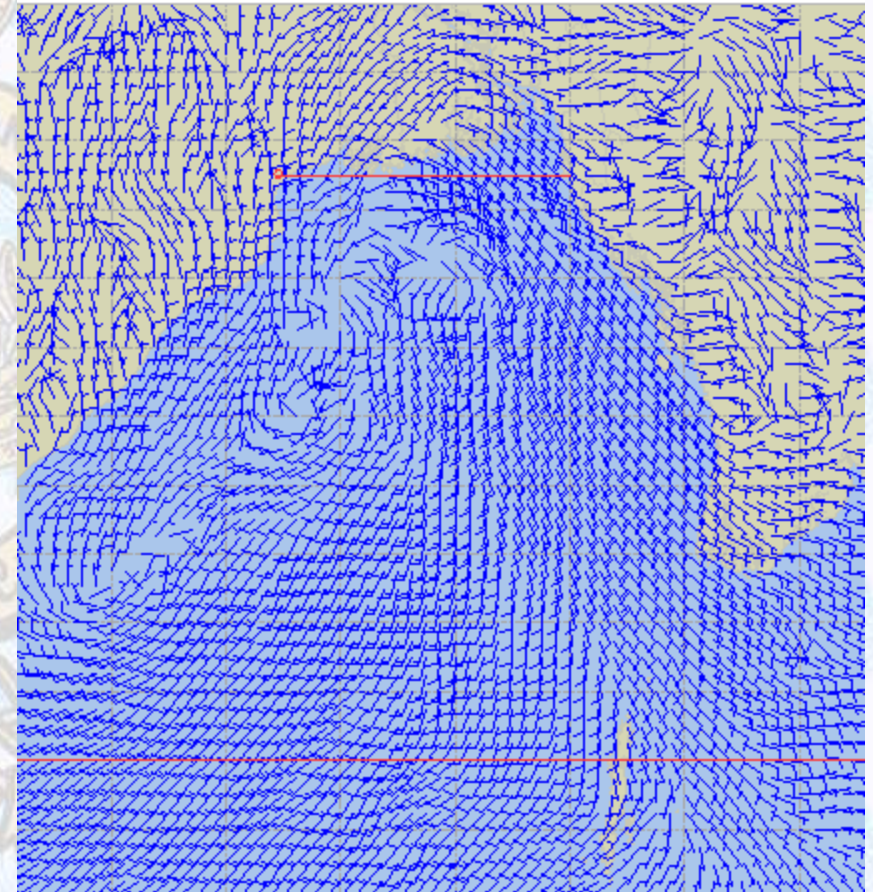
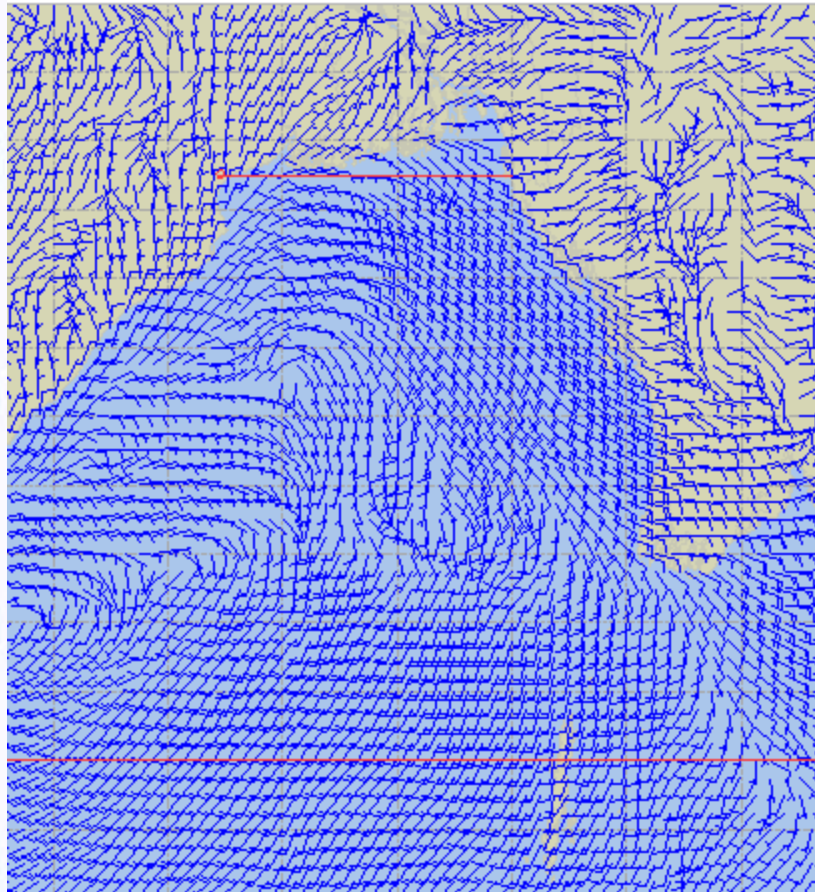
60 Knots



Surface Wind Forecast – 21 & 22 Oct- 2020

21 Oct 20 Wednesday

22 Oct 20 Thursday



Legend:



Calm
Winds



5 Knots



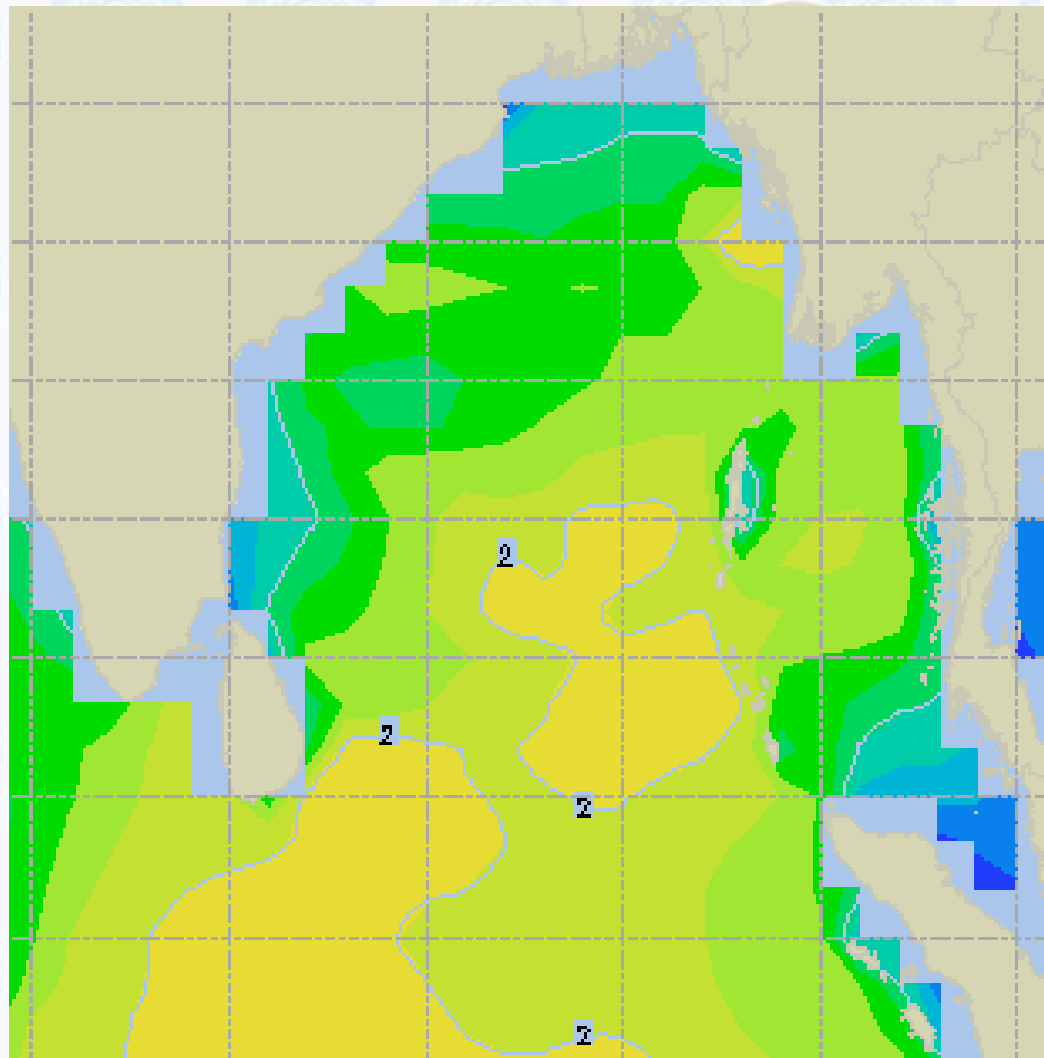
10 Knots



60 Knots



Sea State Forecast – 20 Oct- 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 |

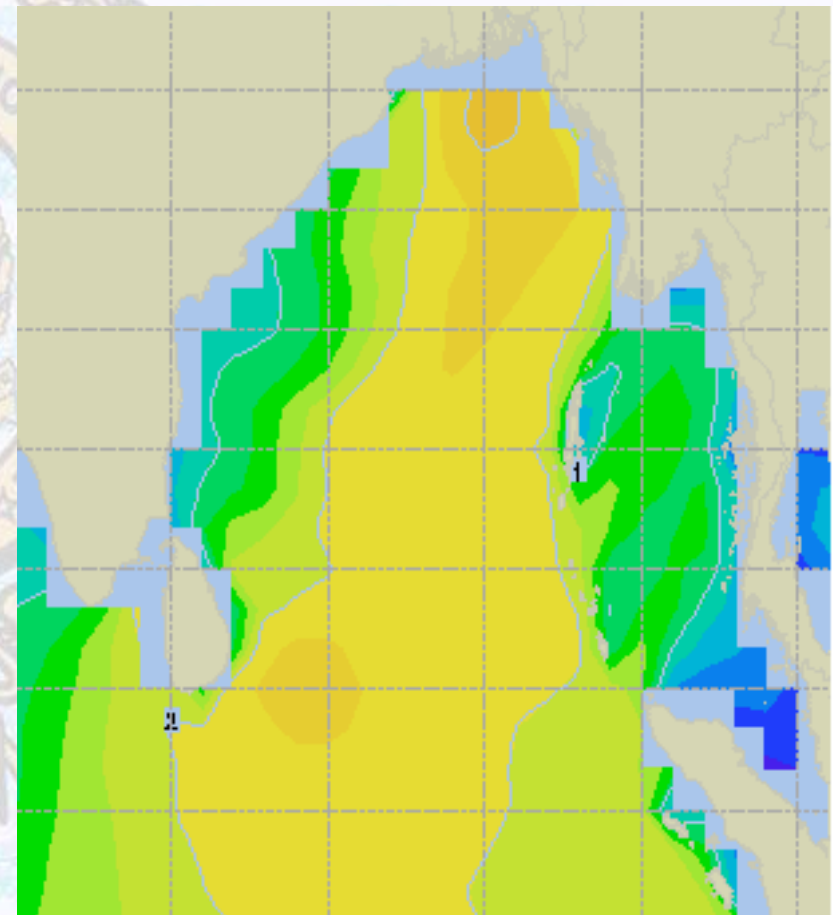
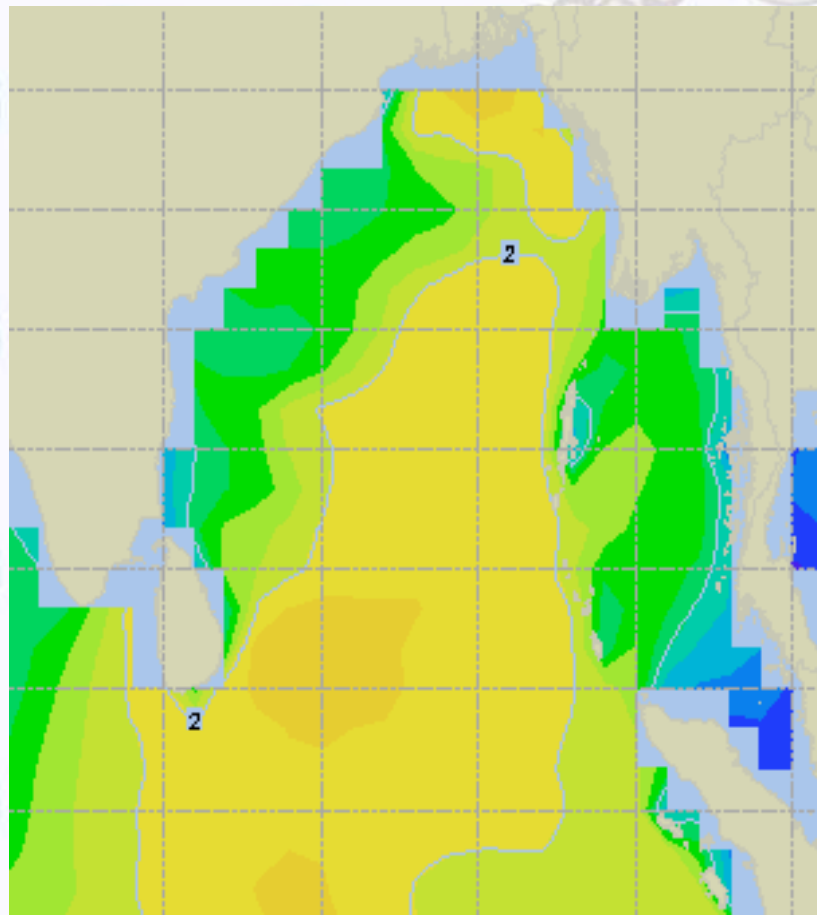




Sea State Forecast – 21 & 22 Oct- 2020

21 Oct 20 Wednesday

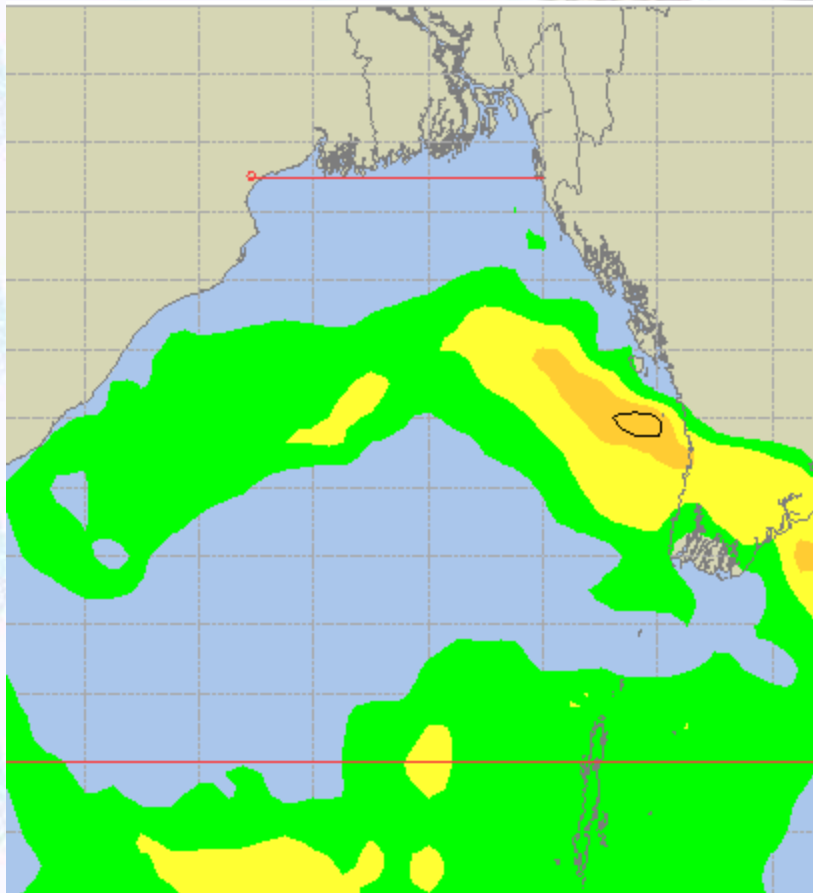
22 Oct 20 Thursday



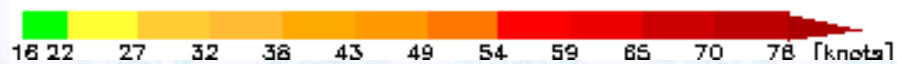
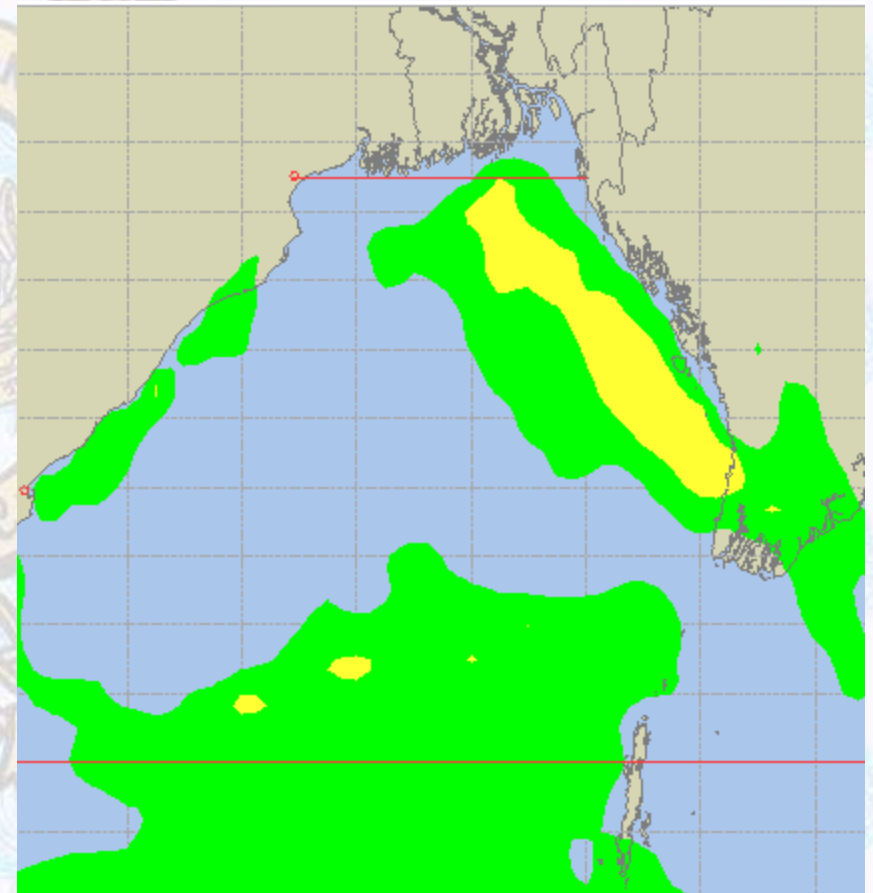


Peak Gusting Possibilities— 20 & 21 Oct 2020

20 Oct 20 Tuesday



21 Oct 20 Wednesday

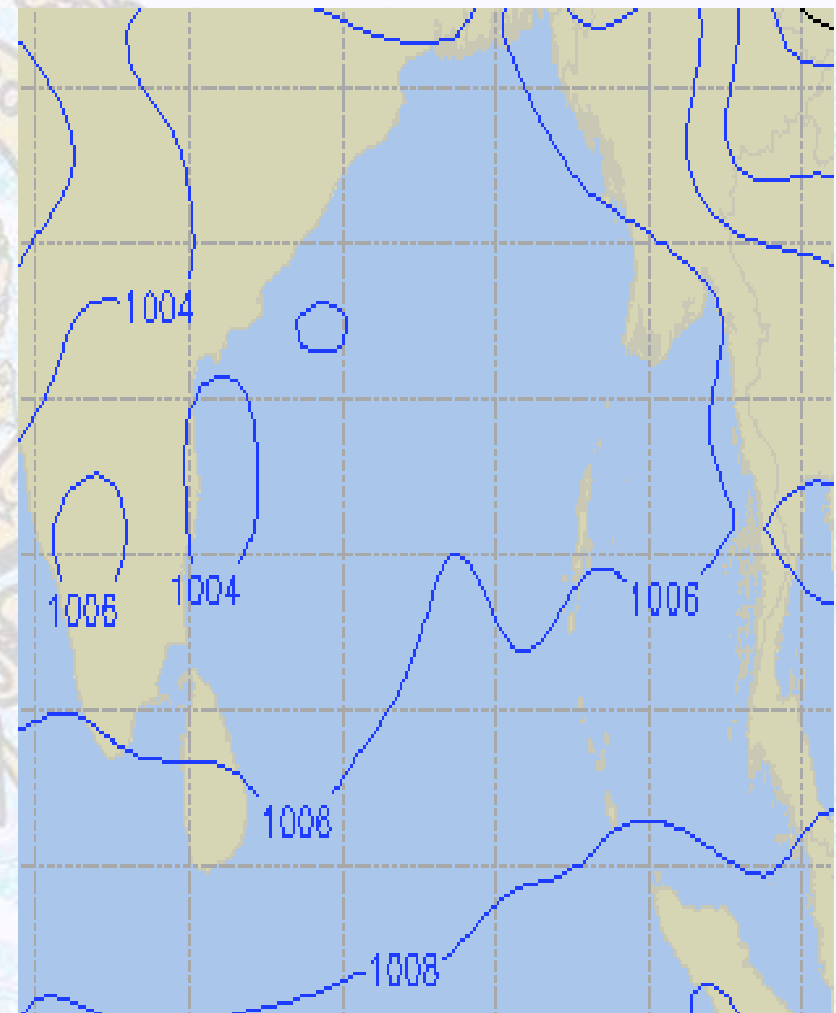
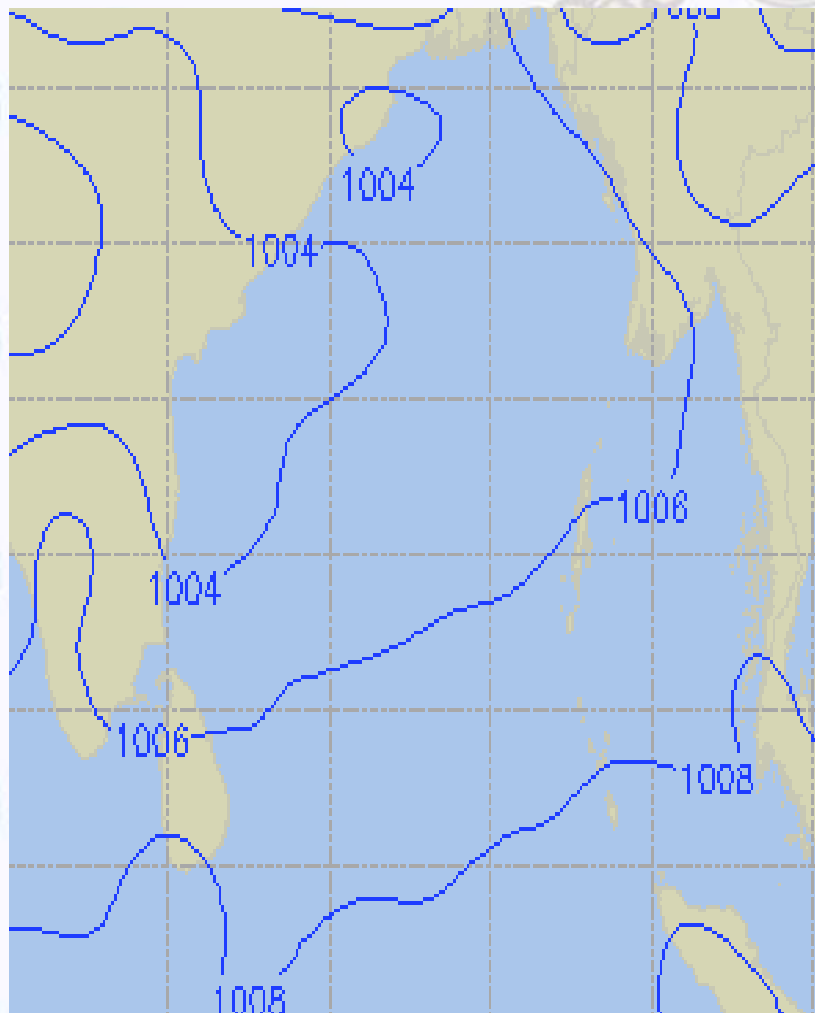




Surface Pressure forecast– 20 & 21 Oct 2020

20 Oct 20 Tuesday

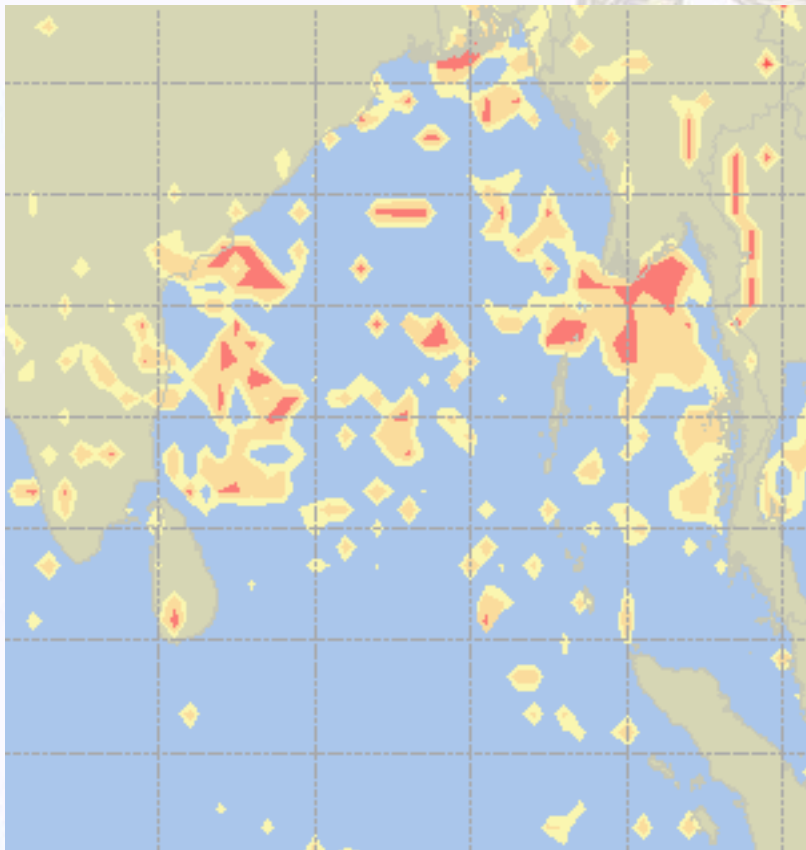
21 Oct 20 Wednesday



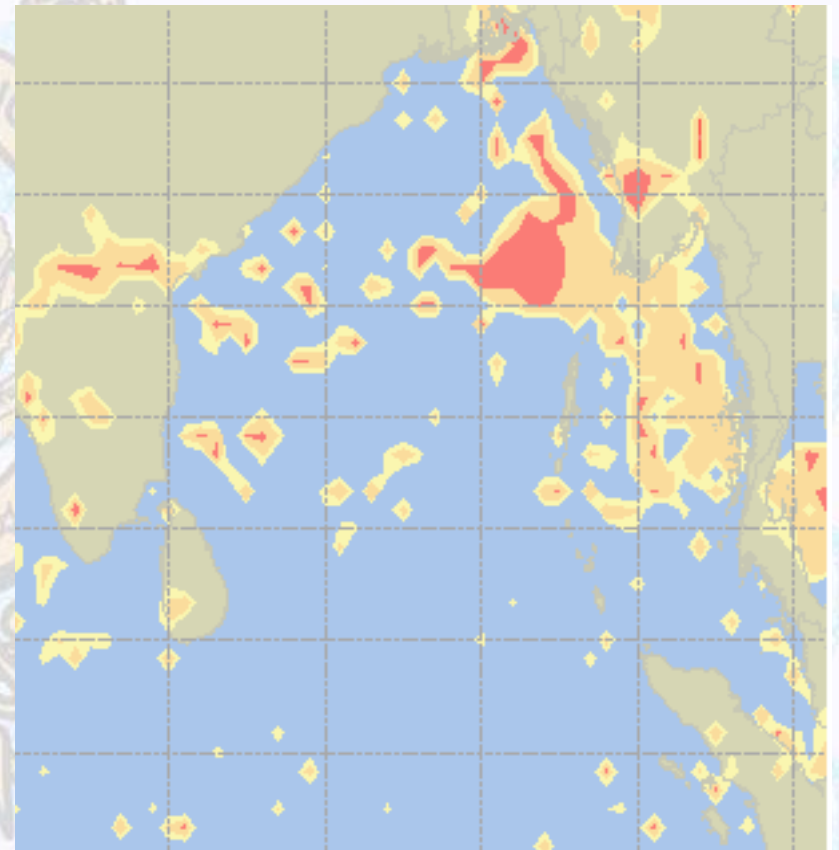


Visibility at Sea Forecast – 20 & 21 Oct 2020

20 Oct 20 Tuesday



21 Oct 20 Wednesday



Visibility Scale:



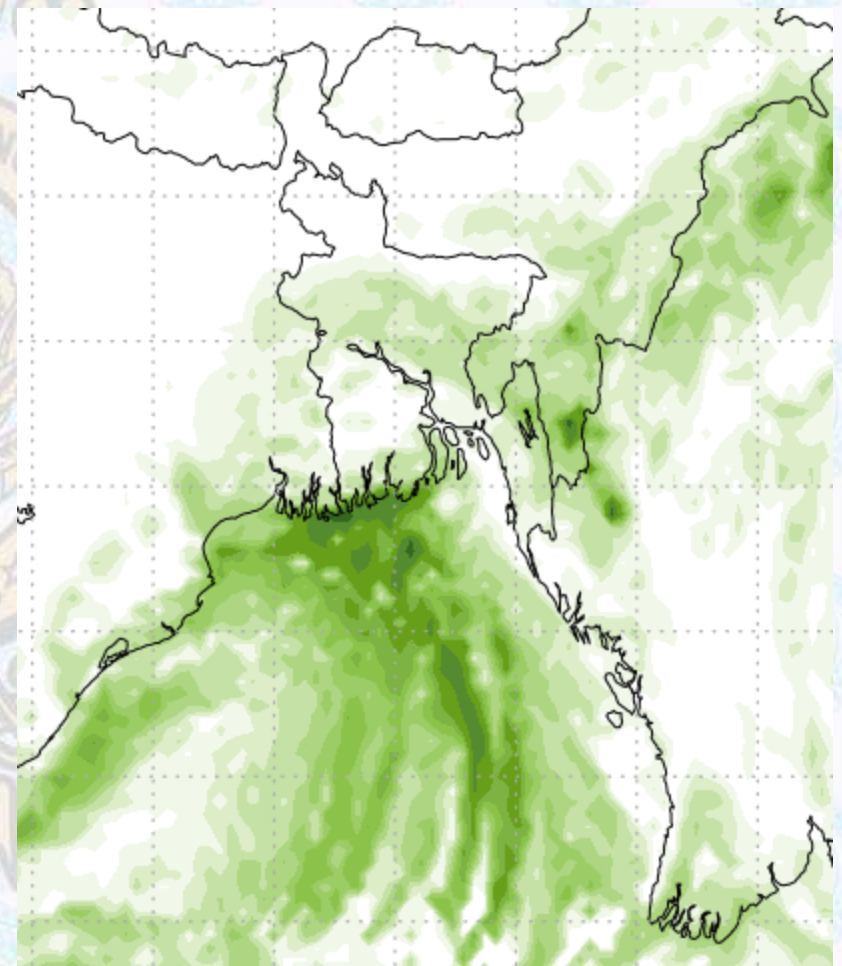
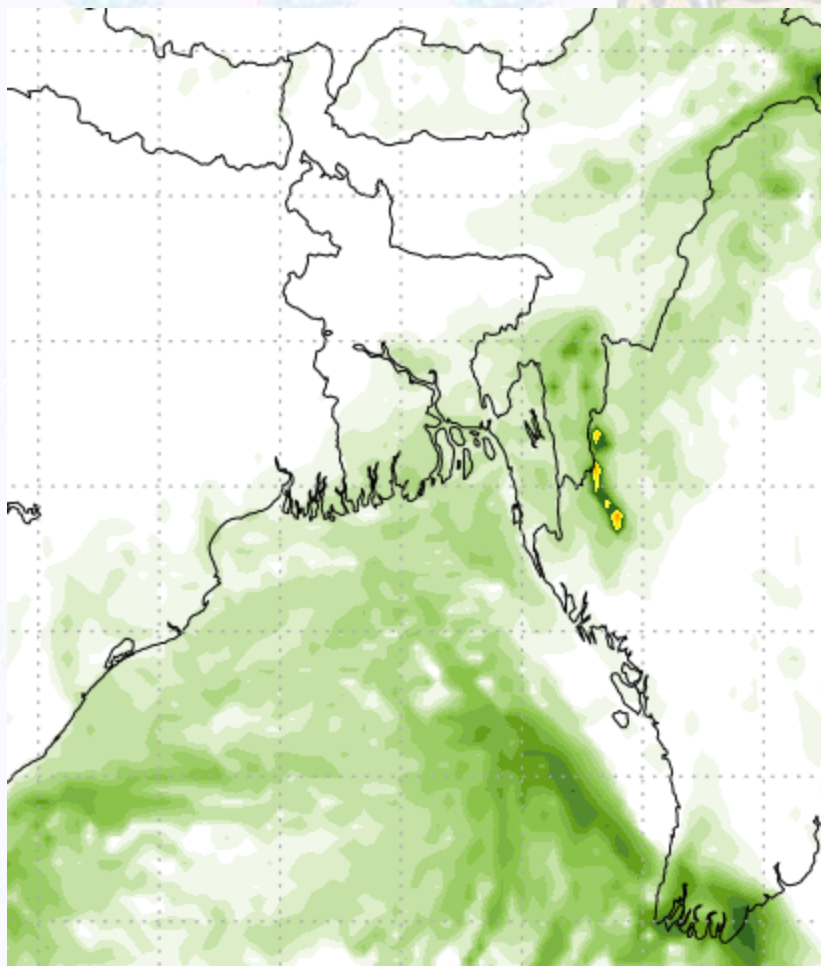
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 20 & 21 Oct 2020

Rain(mm) 21 & 22 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | Time | Height | | Time | Height | | Time | Height |
|--------------------|------|--------|--|------|--------|--|------|--------|
| | | 0245 | | 5.25 | | | 0028 | 3.76 |
| 20 Oct 2020 | 0927 | 0.42 | | 0714 | 0.67 | | 0648 | 0.77 |
| | 1510 | 4.80 | | 1248 | 3.38 | | 1239 | 3.01 |
| | 2137 | 0.54 | | 1928 | 0.69 | | 1855 | 0.75 |
| | | | | | | | | |
| 21 Oct 2020 | Time | Height | | Time | Height | | Time | Height |
| | 0332 | 5.01 | | 0113 | 3.53 | | 0102 | 3.20 |
| | 1012 | 0.62 | | 0757 | 0.81 | | 0732 | 0.97 |
| | 1601 | 4.49 | | 1335 | 3.11 | | 1322 | 2.80 |
| | 2221 | 0.83 | | 2011 | 0.88 | | 1935 | 0.98 |
| 22 Oct 2020 | Time | Height | | Time | Height | | Time | Height |
| | 0424 | 4.69 | | 0255 | 2.99 | | 0149 | 2.99 |
| | 1105 | 0.89 | | 0939 | 1.15 | | 0822 | 1.19 |
| | 1702 | 4.13 | | 1530 | 2.59 | | 1412 | 2.58 |
| | 2315 | 1.19 | | 2204 | 1.26 | | 2022 | 1.24 |