



WEATHER FORECAST FOR BN

17 FEB - 20 FEB 2021





WEATHER FORECAST – DHAKA

17.02.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|------------|----------|-----------|
| Temp. / Dew Point | 27 / 16 | 28 / 16 | 24 / 17 | 22 / 17 |
| Wind | 8 km/h NNW | 8 km/h NNW | 4 km/h N | 4 m/h NNE |
| Humidity | 50% | 47% | 64% | 70% |
| Chance of Precip | 1% | 1% | 2% | 3% |
| Cloud Cover | 25% | 25% | 11% | 9% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 06: 30 AM 17: 54 PM | | | |

Conditions

Pressure : 1014 hpa

Visibility : 3.22 km

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



WEATHER FORECAST – CHATTOGRAM

17.02.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------|-------------|-------------|------------|
| Temp. / Dew Point | 29 / 15 | 29 / 15 | 24 / 16 | 22 / 15 |
| Wind | 11 km/h NW | 11 km/h WNW | 12 km/h NNW | 9 km/h NNE |
| Humidity | 42% | 43% | 59% | 65% |
| Chance of Precip. | 1% | 1% | 1% | 1% |
| Cloud Cover | 1% | 1% | 1% | 1% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise | 06: 23 AM | | | |
| Sunset | 17: 50 PM | | | |

Conditions

Pressure : 1013 hpa

Visibility : 3.5 Km

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



WEATHER FORECAST – KHULNA

17.02.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|------------|------------|-----------|
| Temp. / Dew Point | 29 / 15 | 29 / 15 | 24 / 16 | 22 / 17 |
| Wind | 6 km/h NNE | 6 km/h NNE | 4 km/h ENE | 3 m/h NNE |
| Humidity | 44% | 42% | 61% | 76% |
| Chance of Precip. | 1% | 1% | 1% | 3% |
| Cloud Cover | 6% | 5% | 5% | 6% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 06: 33 AM 17: 59 PM | | | |

Conditions

Pressure : 1014 hpa

Visibility : 3.1 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 18 Feb 2021 | 19 Feb 2021 | 20 Feb 2021 |
|--------------------------|----------------------|--------------------|---------------------|
| Temperature (C) | 30 °C/ 19 °C | 29 °C/ 19 °C | 29 °C/ 19 °C |
| Summary | AM Fog/ PM Hazy | AM Fog/ PM Hazy | AM Fog/ PM Hazy |
| Sun Rise/Set | 6h29m12s/17h55m42s | 6h28m36s/17h56m12s | 6h27m54s/17h56m36s |
| Day Length | 11h26m30s | 11h27m36s | 11h28m42s |
| Moon Rise/ Set | 10:26AM 11:39PM | 11:01AM - | 11:40AM 12:30AM |
| Moon Phase/ illu | Waxing Crescent, 42% | First Quarter, 42% | Waxing Gibbous, 52% |
| Nautical Twilight | 05:39,18:45 | 05:39,18:45 | 05:38,18:46 |
| Civil Twilight | 06:06,18:18 | 06:05,18:19 | 06:04,18:19 |
| Humidity | D : 61% N : 72% | D : 62% N : 74% | D : 63% N : 74% |
| Barometer (mb) | 1014 | 1015 | 1015 |
| Visibility | Hazy/ Moderate | Hazy/ Moderate | Hazy/ Moderate |
| Precip Chance | 4% | 4% | 10% |
| Wind (mph) | 8 Km/h N | 9 Km/h N | 7 Km/h NNW |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 18 Feb 2021 | 19 Feb 2021 | 20 Feb 2021 |
|-------------------------|----------------------|---------------------|---------------------|
| Temperature (C) | 30 °C/ 18 °C | 28 °C/ 19 °C | 27 °C/ 19 °C |
| Summary | AM Fog/ PM Hazy | AM Fog/ PM Hazy | AM Fog/ PM Hazy |
| Sun Rise/Set | 6h22m00s/ 17h51m30s | 6h21m24s/ 17h51m54s | 6h20m48s/ 17h52m12s |
| Day Length | 11h29m30s | 11h30m30s | 11h31m24s |
| Moon Rise/ Set | 10:22AM 11:31PM | 10:58AM - | 11:37AM 12:22AM |
| Moon Phase/ illu | Waxing Crescent, 42% | First Quarter, 42% | Waxing Gibbous, 52% |
| NauticalTwilight | 05:33, 18:40 | 05:32, 18:40 | 05:32, 18:41 |
| Civil Twilight | 05:59, 18:14 | 05:58, 18:14 | 05:58, 18:15 |
| Humidity | D : 55% N : 77% | D : 68% N : 93% | D : 73% N : 92% |
| Barometer (mb) | 1014 | 1015 | 1016 |
| Visibility | Hazy/ Moderate | Hazy/ Moderate | Hazy/ Moderate |
| Precip Chance | 2% | 8% | 10% |
| Wind (mph) | 11 Km/h NNW | 11 Km/h WSW | 9 Km/h WNW |

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



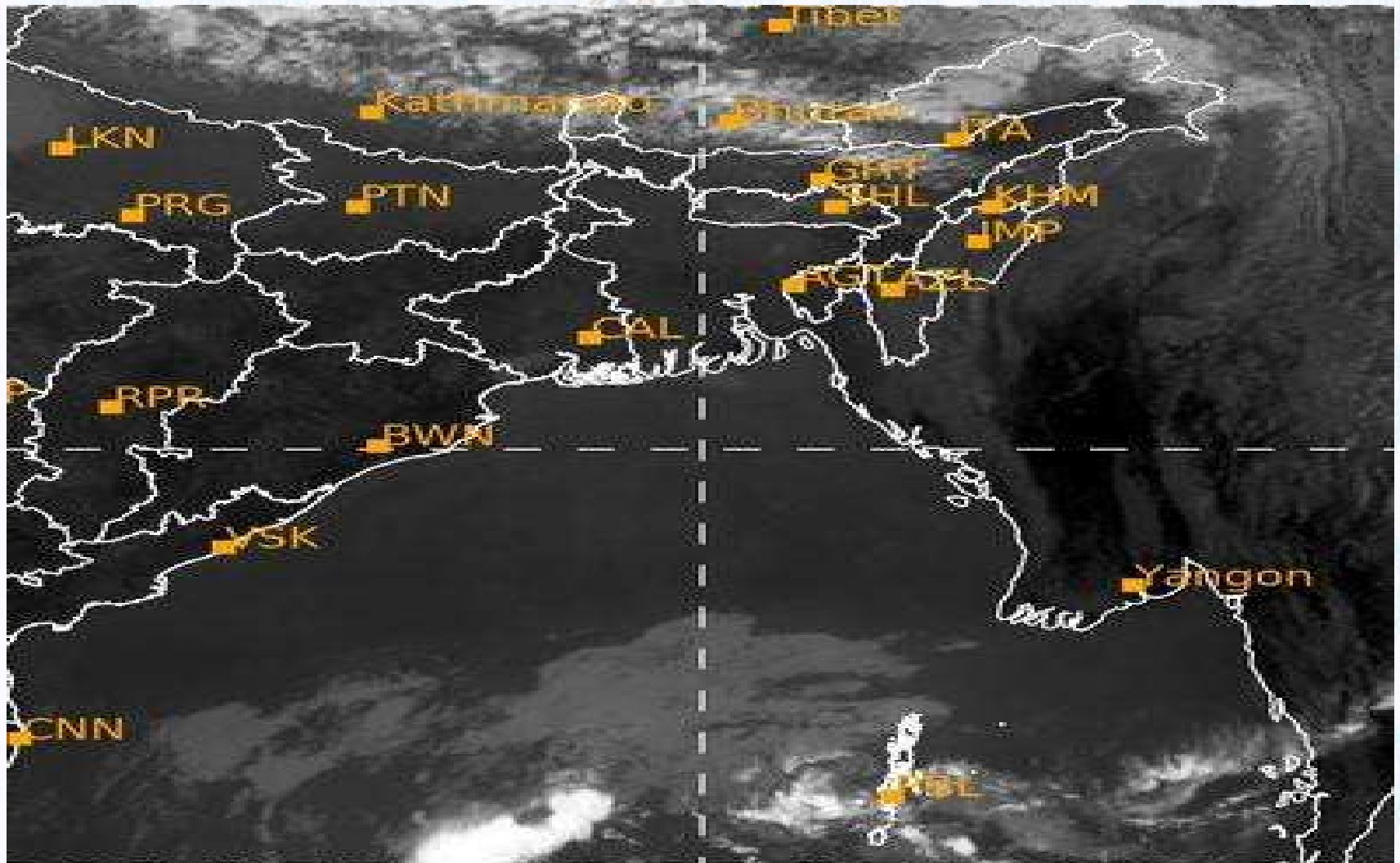
GENERAL WEATHER FORECAST – KHULNA

| Description | 18 Feb 2021 | 19 Feb 2021 | 20 Feb 2021 |
|--------------------------|----------------------|---------------------|---------------------|
| Temperature(C) | 30°C/ 19°C | 30°C/ 20°C | 29°C/ 19°C |
| Summary | AM Fog/ PM Hazy | AM Fog/ PM Hazy | AM Fog/ PM Hazy |
| Sun Rise/Set | 6h31m36s/ 18h00m06s | 6h31m00s/ 17h59m30s | 6h30m24s/ 18h00m54s |
| Day Length | 11h28m30s | 11h29m30s | 11h30m30s |
| Moon Rise/Set | 10:30AM 11:41PM | 11:06AM - | 11:45AM 12:32AM |
| Moon Phase/illu | Waxing Crescent, 42% | First Quarter, 42% | Waxing Gibbous, 52% |
| Nautical Twilight | 05:42, 18:49 | 05:42, 18:49 | 05:41, 18:50 |
| Civil Twilight | 06:09, 18:22 | 06:08, 18:23 | 06:08, 18:23 |
| Humidity | D : 57% N : 77% | D : 59% N : 80% | D : 61% N : 82% |
| Barometer (mb) | 1014 | 1015 | 1016 |
| Visibility | Hazy/ Moderate | Hazy/ Moderate | Hazy/ Moderate |
| Precip Chance | 4% | 4% | 4% |
| Wind (mph) | 10 km/h NNE | 11 km/h NNE | 19 km/h N |

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



SATELLITE VIEW OF BAY OF BENGAL

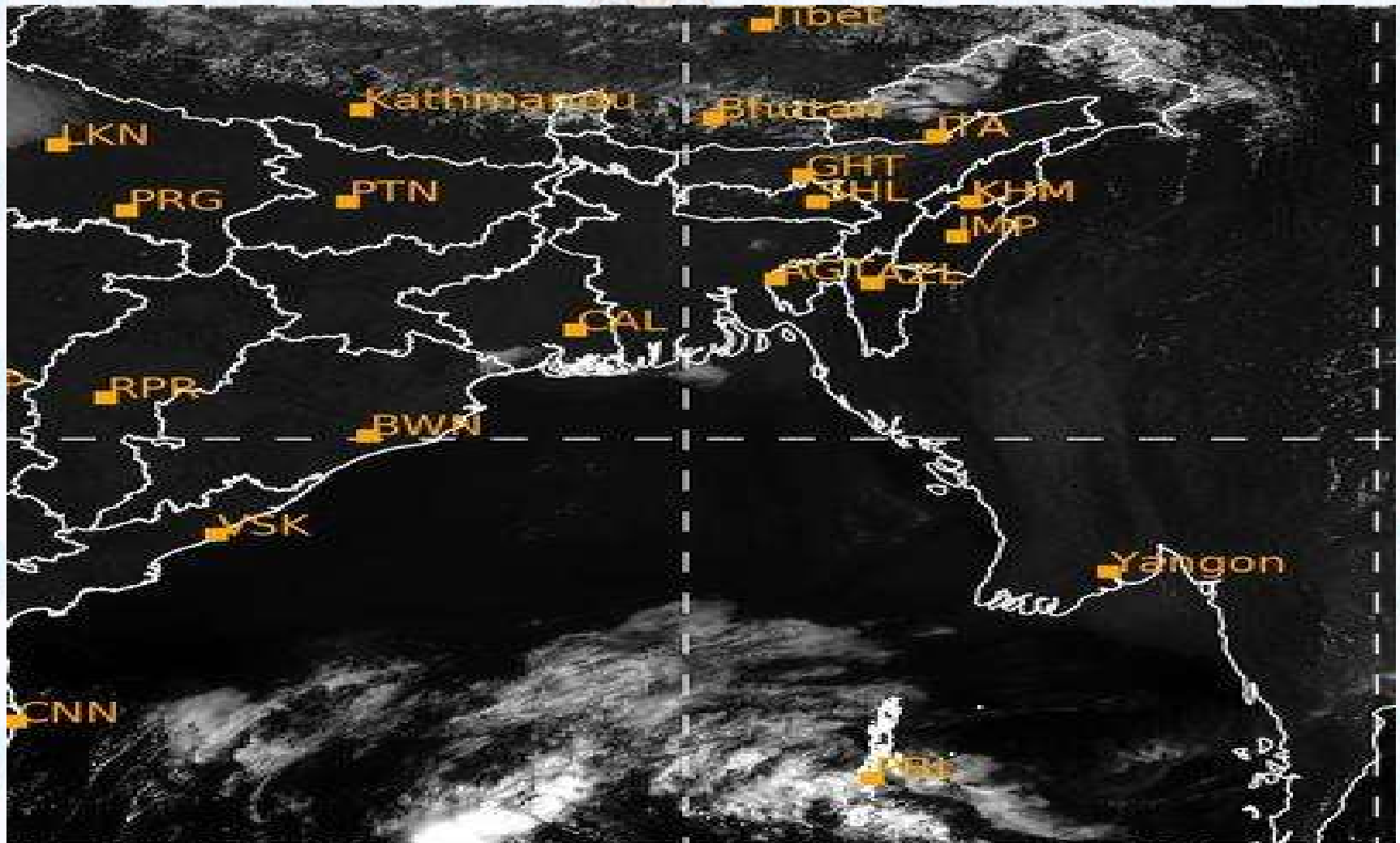


17/02/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



17/02/2021, 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 17.02.2021)

| | | |
|-------------------|-----------------------------------|--|
| Part One | NO STORM WARNING. | |
| Part Two | SEASONAL LOW LIES OVER SOUTH BAY. | |
| Part Three | Weather | TEMPORARY PARTLY CLOUDY OVER AREA C-90. |
| | Wind | NORTH/ NORTH-WESTERLY, 08-12 KTS. |
| | Visibility | 03-05 KMS, REDUCING TO 1000 M OR LESS IN FOG/MIST. |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT = 17,0000 UTC. CHATTOGRAM =1013 HPA |



Inland River Port Warning (VALID TILL 06 PM OF 17.02.2020)

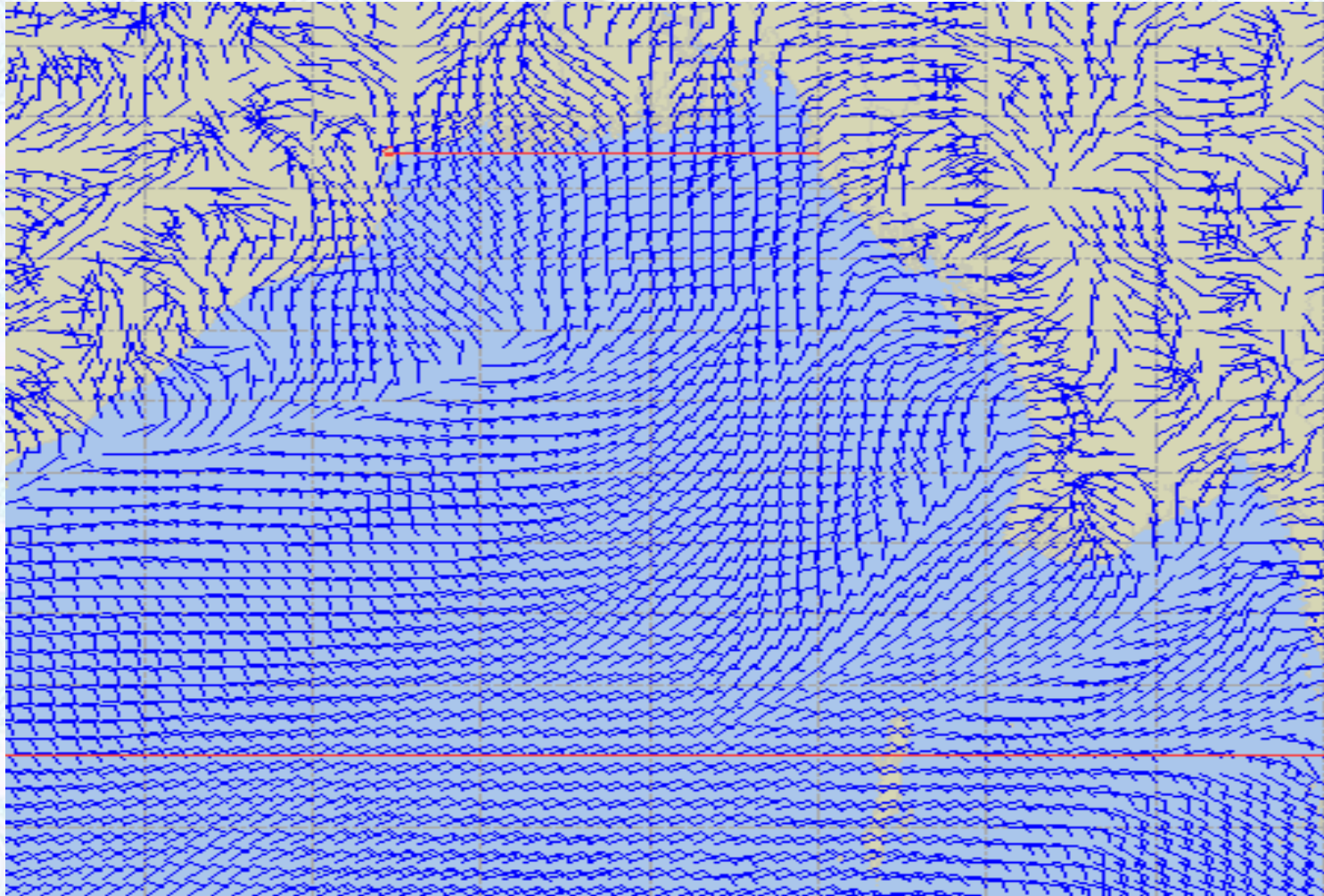
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 18 Feb - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



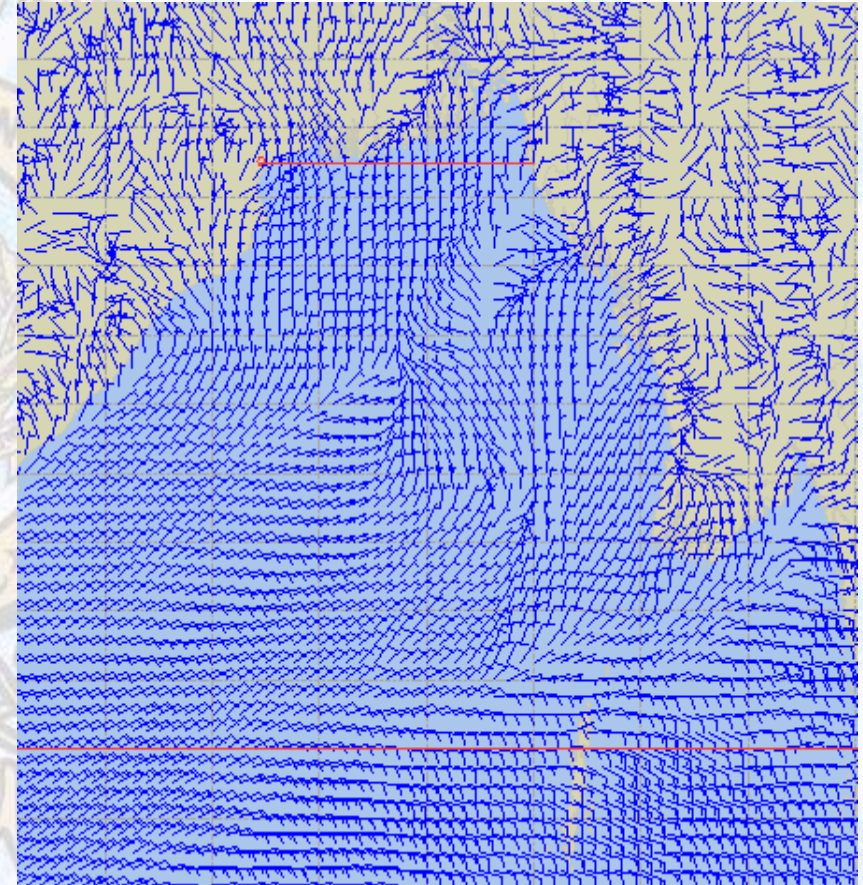
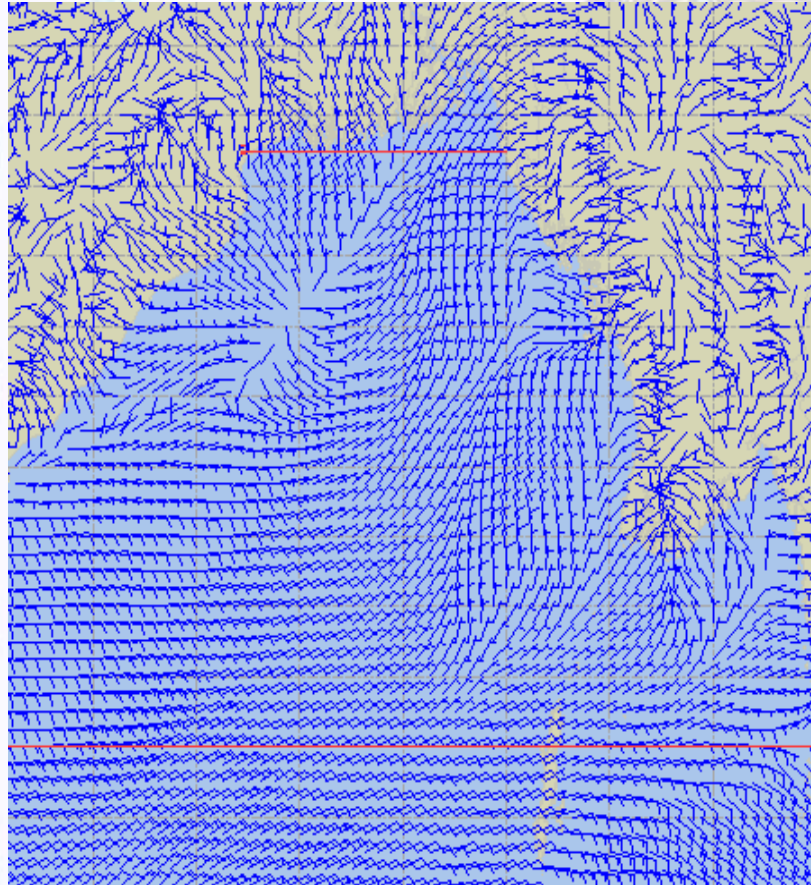
60 Knots



Surface Wind Forecast – 19 & 20 Feb - 2021

19 Feb 21 Friday

20 Feb 21 Saturday



Legend:



Calm
Winds



5 Knots



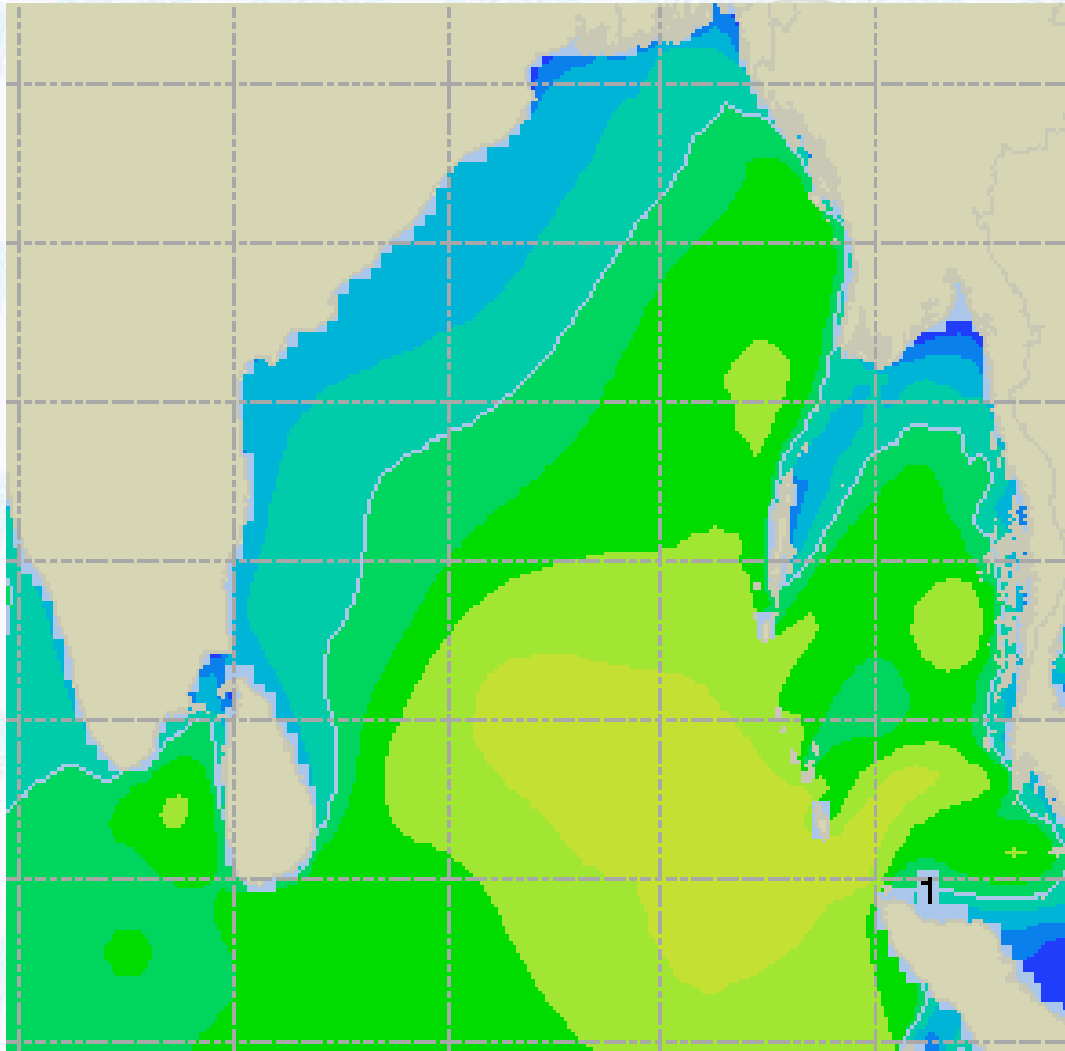
10 Knots



60 Knots



Sea State Forecast – 18 Feb - 2021



| 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 |

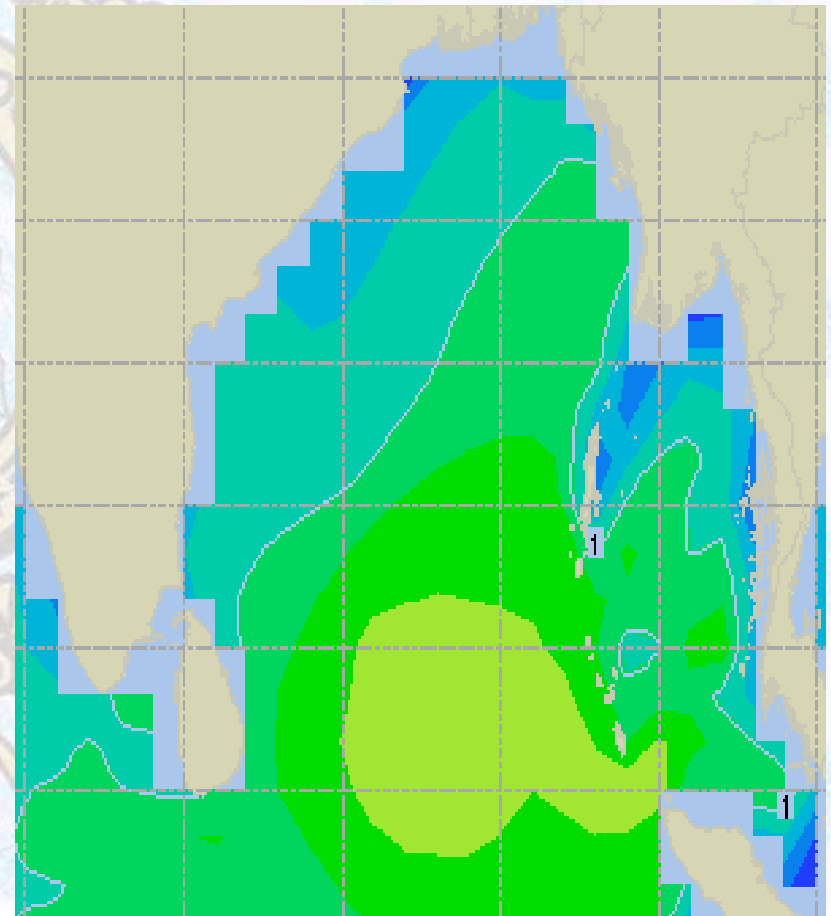
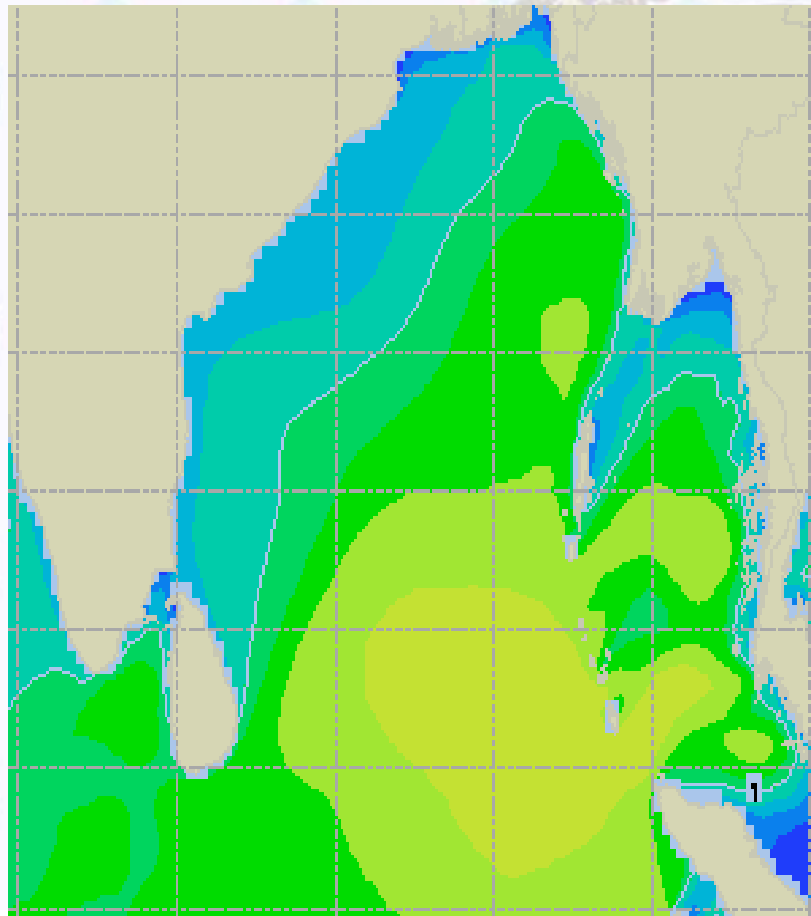




Sea State Forecast – 19 & 20 Feb - 2021

19 Feb 21 Friday

20 Feb 21 Saturday

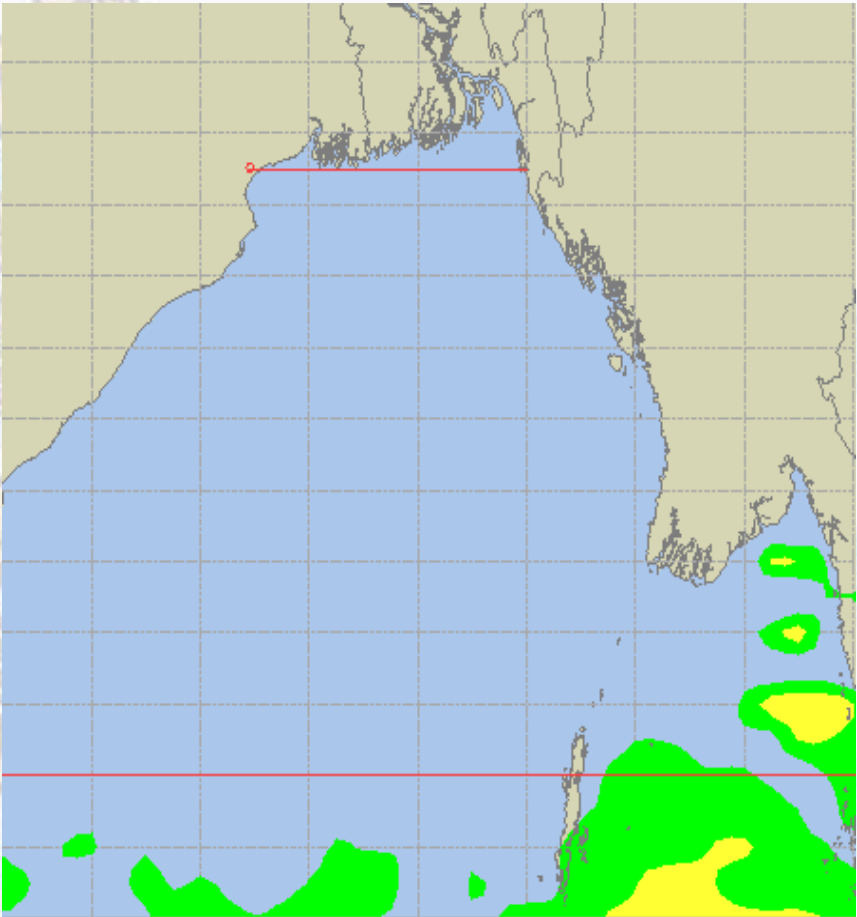
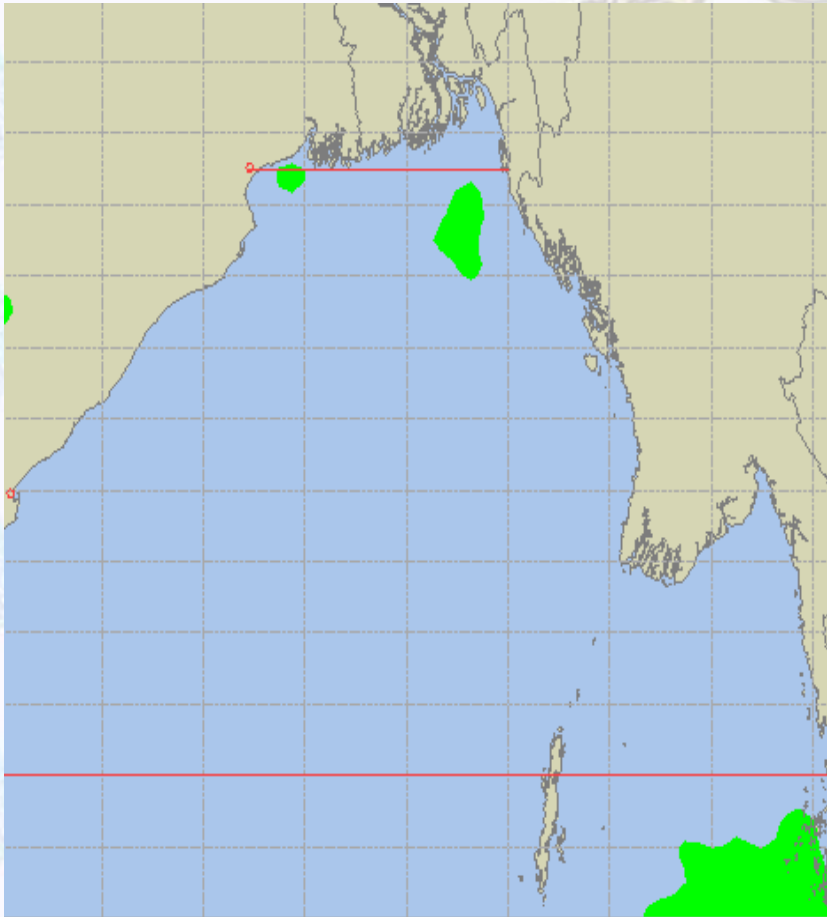




Peak Gusting Possibilities– 18 & 19 Feb 2021

18 Feb 21 Thursday

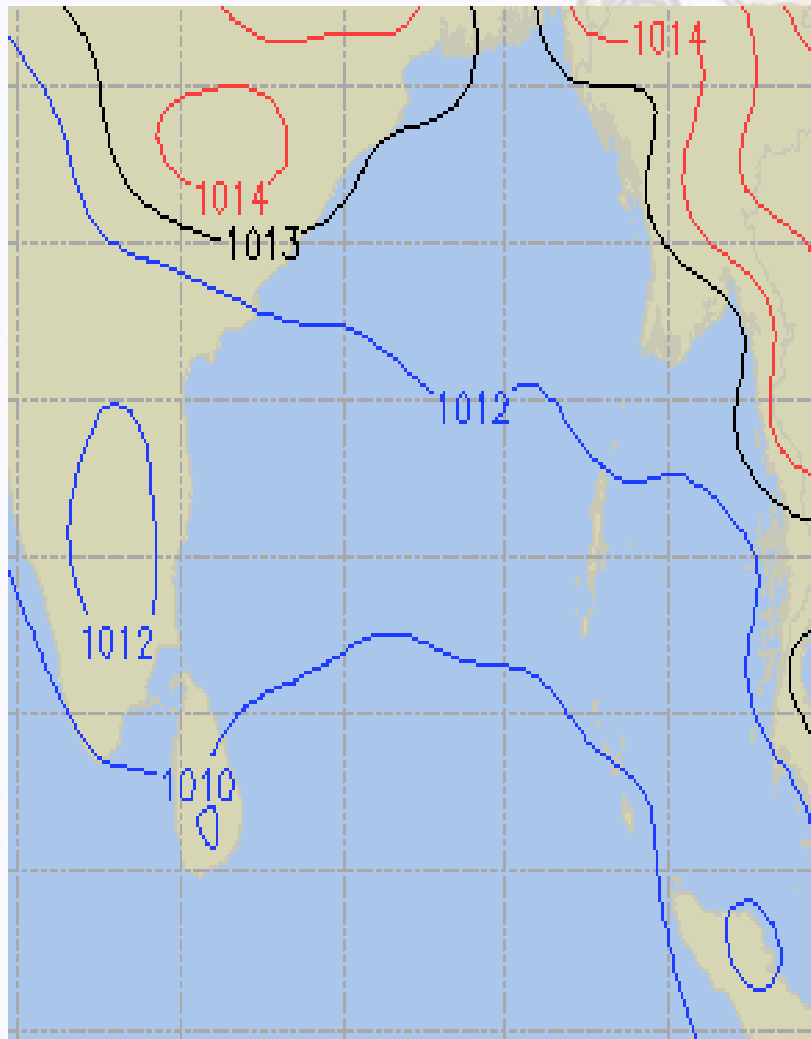
19 Feb 21 Friday



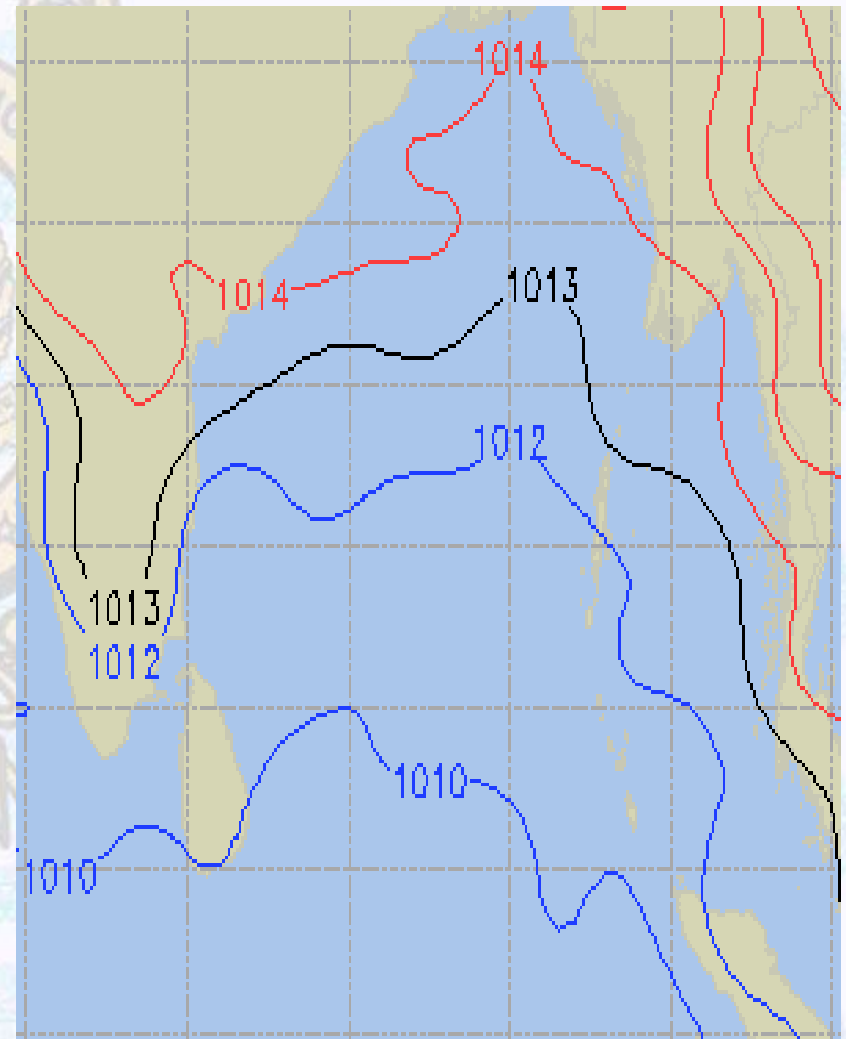


Surface Pressure forecast – 18 & 19 Feb 2021

18 Feb 21 Thursday



19 Feb 21 Friday

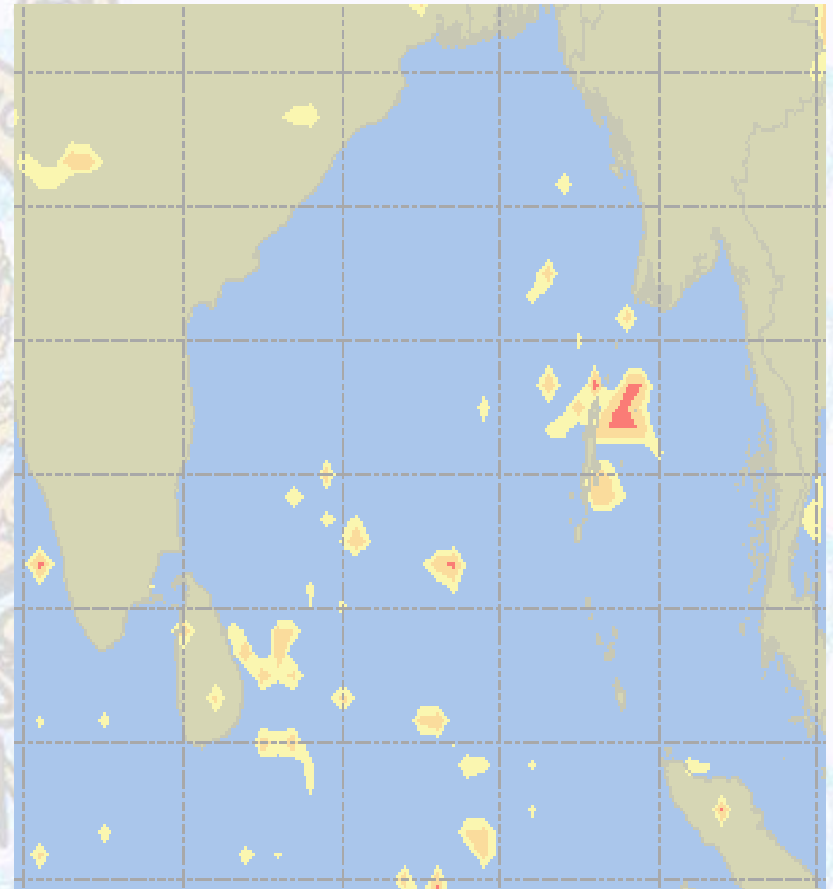
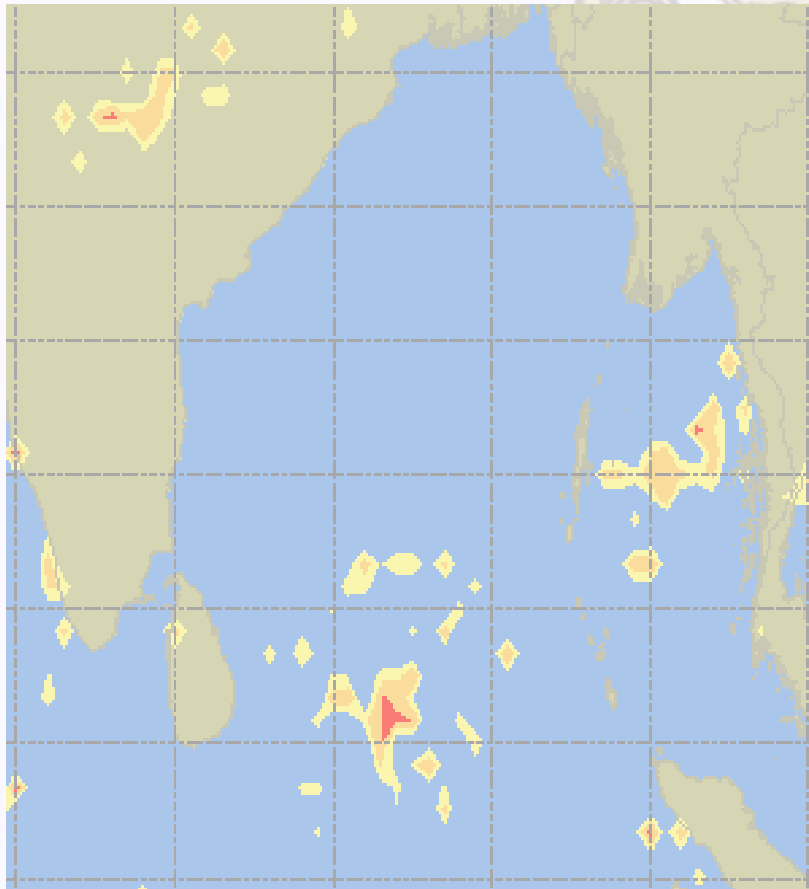




Visibility at Sea Forecast – 18 & 19 Feb 2021

18 Feb 21 Thursday

19 Feb 21 Friday



Visibility Scale:



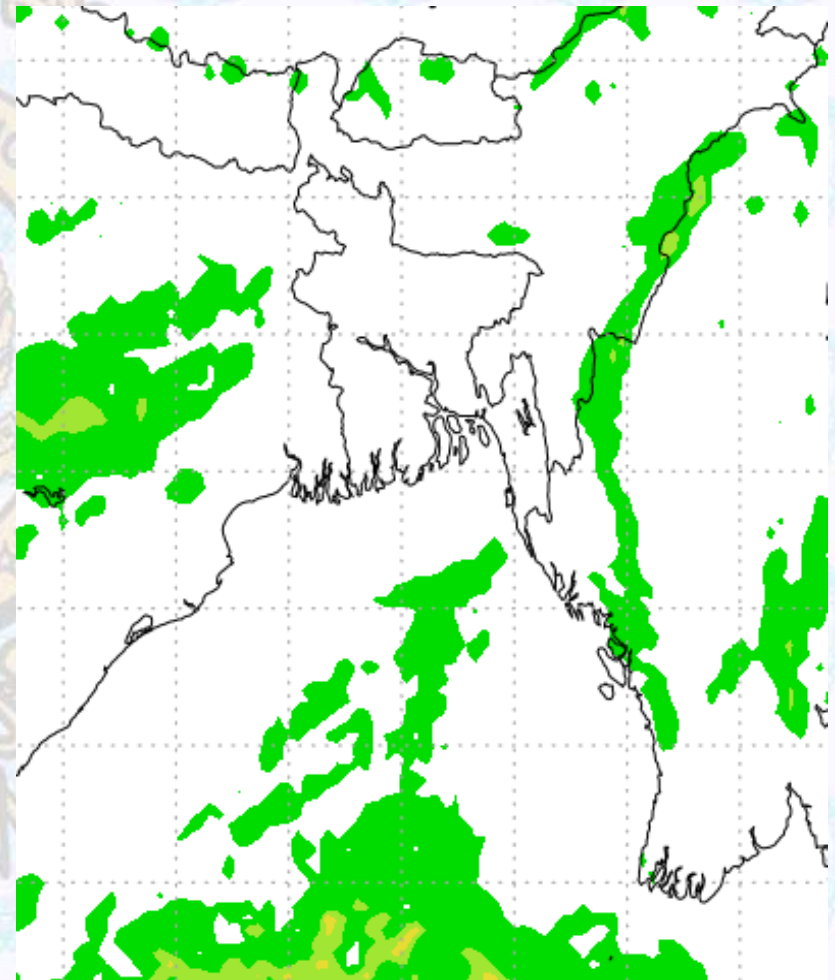
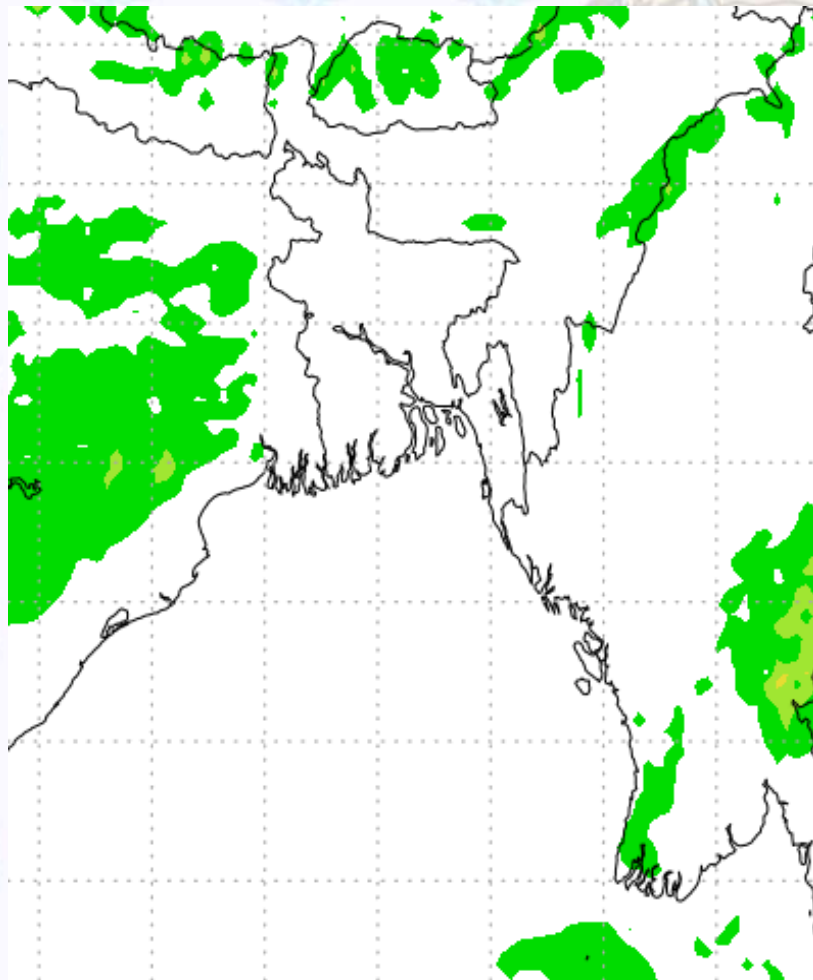
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 18 & 19 Feb 21

Rain(mm) 19 & 20 Feb 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | | | | | | | | |
|--------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| 18 Feb 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0431 | 3.75 | | 0218 | 2.70 | | 0200 | 2.41 |
| | 1054 | 0.58 | | 0834 | 0.53 | | 0817 | 0.65 |
| | 1702 | 3.69 | | 1439 | 2.51 | | 1432 | 2.37 |
| | 3.69 | 0.94 | | 2056 | 0.66 | | 2040 | 0.95 |
| 19 Feb 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0515 | 3.40 | | 0254 | 2.45 | | 0236 | 2.23 |
| | 1131 | 0.81 | | 0908 | 0.67 | | 0851 | 0.80 |
| | 1750 | 3.47 | | 1522 | 2.34 | | 1516 | 2.24 |
| | - | - | | 2139 | 0.83 | | 2126 | 1.13 |
| 20 Feb 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0007 | 1.17 | | 0338 | 2.21 | | 0320 | 2.03 |
| | 0609 | 3.06 | | 0952 | 0.82 | | 0937 | 0.96 |
| | 1220 | 1.07 | | 1619 | 2.19 | | 1617 | 2.12 |
| | 1852 | 3.29 | | 2240 | 0.99 | | 2235 | 1.29 |