



WEATHER FORECAST FOR BN

20 FEB - 23 FEB 2021





WEATHER FORECAST – DHAKA

20.02.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|-------------|------------|----------|
| Temp. / Dew Point | 28 / 17 | 28 / 16 | 25 / 17 | 23 / 16 |
| Wind | 10 km/h NW | 11 km/h WNW | 6 km/h WNW | 4 m/h NW |
| Humidity | 51% | 48% | 61% | 68% |
| Chance of Precip | 1% | 1% | 2% | 3% |
| Cloud Cover | 84% | 71% | 26% | 4% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise Sunset | 06: 28 AM 17: 56 PM | | | |

Conditions

Pressure : 1017 hpa

Visibility : 3.22 km

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



WEATHER FORECAST – CHATTOGRAM

20.02.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------|-------------|-----------|------------|
| Temp. / Dew Point | 27 / 18 | 27 / 18 | 24 / 18 | 23 / 18 |
| Wind | 9 km/h WNW | 10 km/h WNW | 6 km/h NW | 4 km/h NNW |
| Humidity | 57% | 56% | 71% | 75% |
| Chance of Precip. | 1% | 1% | 4% | 6% |
| Cloud Cover | 91% | 96% | 89% | 89% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise | 06: 21 AM | | | |
| Sunset | 17: 51 PM | | | |

Conditions

Pressure : 1017 hpa

Visibility : 3.5 Km

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



WEATHER FORECAST – KHULNA

20.02.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|------------|----------|---------|
| Temp. / Dew Point | 28 / 15 | 28 / 15 | 24 / 16 | 21 / 17 |
| Wind | 8 km/h NNW | 8 km/h NNW | 3 km/h W | 3 m/h W |
| Humidity | 46% | 46% | 64% | 76% |
| Chance of Precip. | 1% | 1% | 2% | 3% |
| Cloud Cover | 91% | 86% | 48% | 12% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise Sunset | 06: 31 AM 18: 00 PM | | | |

Conditions

Pressure : 1017 hpa

Visibility : 3.6 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 21 Feb 2021 | 22 Feb 2021 | 23 Feb 2021 |
|--------------------------|----------------------|---------------------|---------------------|
| Temperature (C) | 30 °C/ 17 °C | 30 °C/ 17 °C | 30 °C/ 18 °C |
| Summary | Sunny/ Partly Cloudy | Sunny | Sunny |
| Sun Rise/Set | 6h27m12s/17h57m06s | 6h26m30s/17h57m30s | 6h25m52s/17h58m06s |
| Day Length | 11h29m54s | 11h31m00s | 11h32m24s |
| Moon Rise/ Set | 12:22PM 1:24AM | 1:10PM 2:18AM | 2:03PM 3:13AM |
| Moon Phase/ illu | Waxing Gibbous, 62% | Waxing Gibbous, 71% | Waxing Gibbous, 80% |
| Nautical Twilight | 05:38,18:46 | 05:37,18:47 | 05:37,18:47 |
| Civil Twilight | 06:04,18:20 | 06:04,18:20 | 06:03,18:21 |
| Humidity | D : 52% N : 67% | D : 52% N : 69% | D : 53% N : 71% |
| Barometer (mb) | 1015 | 1014 | 1012 |
| Visibility | Hazy/ Moderate | Hazy/ Moderate | Hazy/ Moderate |
| Precip Chance | 4% | 3% | 4% |
| Wind (mph) | 12 Km/h NW | 10 Km/h NW | 9 Km/h W |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 21 Feb 2021 | 22 Feb 2021 | 23 Feb 2021 |
|-------------------------|----------------------|---------------------|---------------------|
| Temperature (C) | 29° C/ 18° C | 29° C/ 17° C | 29° C/ 17° C |
| Summary | Sunny/ Partly Cloudy | Sunny | Sunny |
| Sun Rise/Set | 6h20m12s/ 17h52m36s | 6h19m30s/ 17h52m54s | 6h18m48s/ 17h53m30s |
| Day Length | 11h32m24s | 11h33m24s | 11h34m52s |
| Moon Rise/ Set | 12:19PM 1:15AM | 1:07PM 2:09AM | 2:00PM 3:04AM |
| Moon Phase/ illu | Waxing Gibbous, 61% | Waxing Gibbous, 71% | Waxing Gibbous, 80% |
| NauticalTwilight | 05:31, 18:41 | 05:31, 18:42 | 05:30, 18:42 |
| Civil Twilight | 05:57, 18:15 | 05:57, 18:16 | 05:56, 18:16 |
| Humidity | D : 57% N : 67% | D : 52% N : 71% | D : 56% N : 87% |
| Barometer (mb) | 1015 | 1014 | 1012 |
| Visibility | Hazy/ Moderate | Hazy/ Moderate | Hazy/ Moderate |
| Precip Chance | 3% | 2% | 2% |
| Wind (mph) | 13 Km/h NW | 13 Km/h NW | 13 Km/h NW |

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



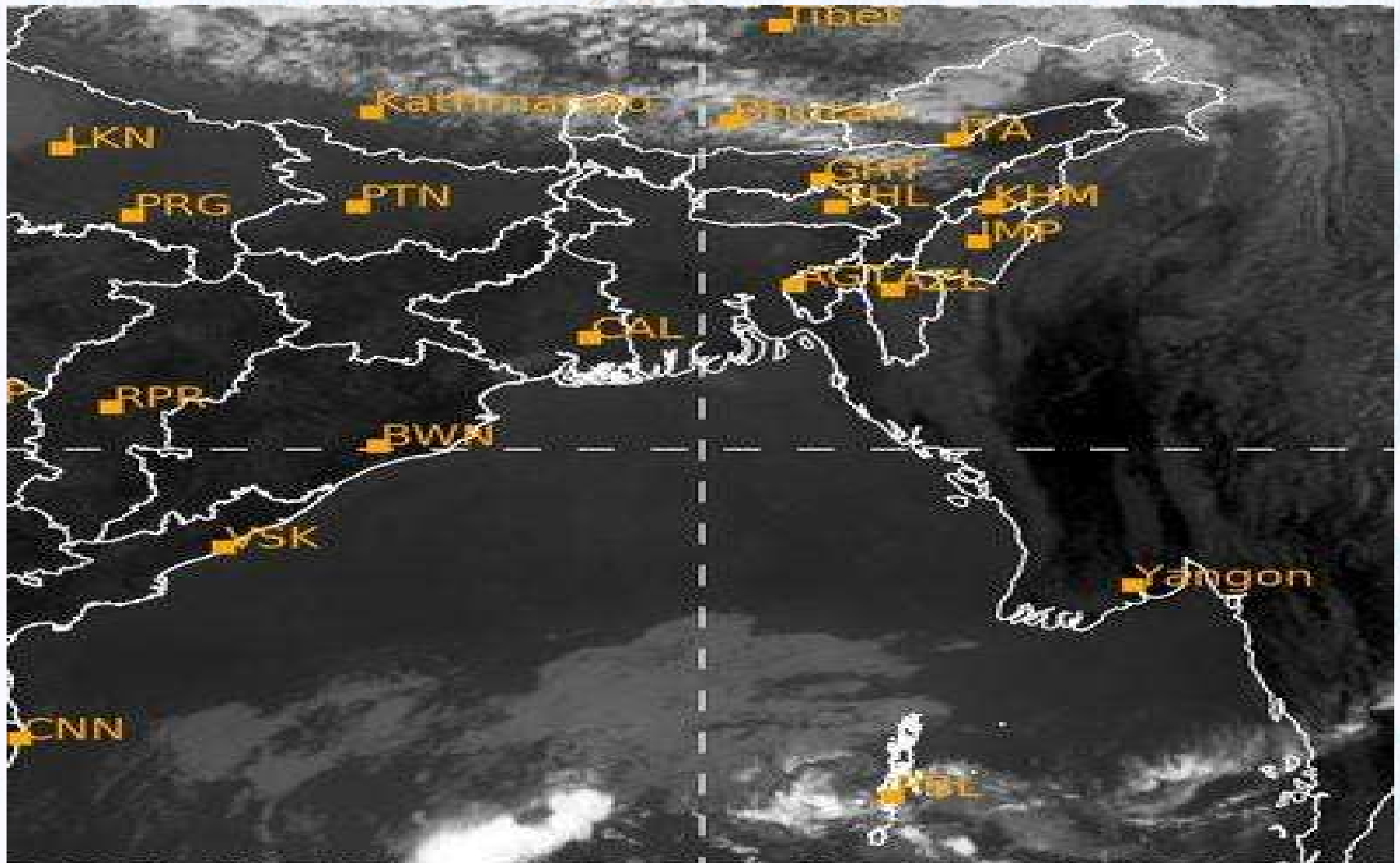
GENERAL WEATHER FORECAST – KHULNA

| Description | 21 Feb 2021 | 22 Feb 2021 | 23 Feb 2021 |
|--------------------------|----------------------|---------------------|---------------------|
| Temperature(C) | 30°C/ 18°C | 31°C/ 18°C | 31°C/ 19°C |
| Summary | Sunny/ Partly Cloudy | Sunny | Sunny |
| Sun Rise/Set | 6h29m42s/ 18h01m18s | 6h29m06s/ 18h01m36s | 6h28m18s/ 18h02m12s |
| Day Length | 11h31m36s | 11h32m30s | 11h33m54s |
| Moon Rise/Set | 12:28PM 1:26AM | 1:16PM 2:20AM | 2:08PM 3:14AM |
| Moon Phase/illu | Waxing Gibbous, 62% | Waxing Gibbous, 71% | Waxing Gibbous, 80% |
| Nautical Twilight | 05:41, 18:50 | 05:41, 18:51 | 05:40, 18:51 |
| Civil Twilight | 06:07, 18:24 | 06:07, 18:24 | 06:06, 18:25 |
| Humidity | D : 50% N : 73% | D : 49% N : 75% | D : 53% N : 84% |
| Barometer (mb) | 1015 | 1014 | 1012 |
| Visibility | Hazy/ Moderate | Hazy/ Moderate | Hazy/ Moderate |
| Precip Chance | 4% | 4% | 4% |
| Wind (mph) | 10 km/h NNW | 9 km/h NW | 8 km/h W |

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



SATELLITE VIEW OF BAY OF BENGAL

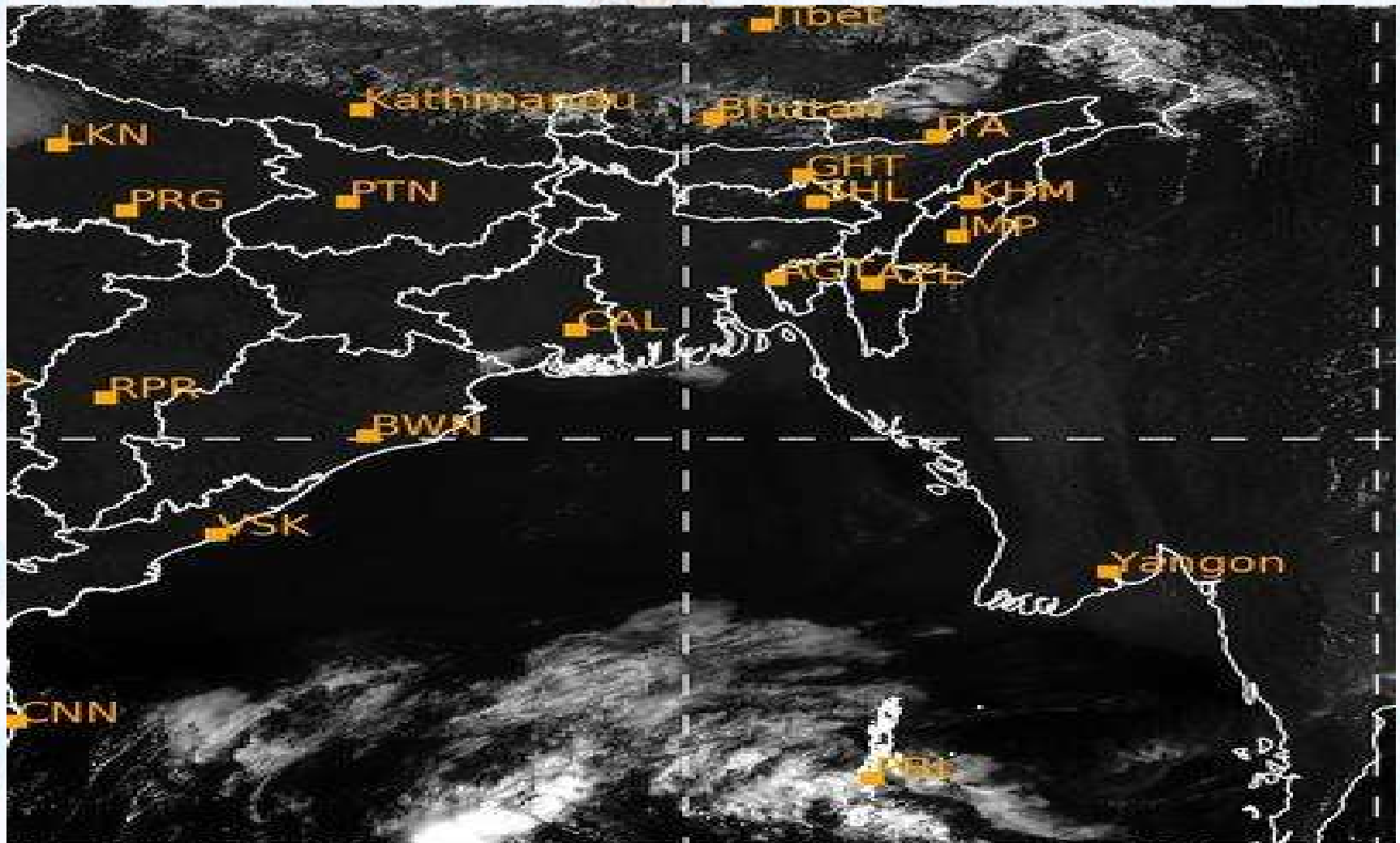


20/02/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



20/02/2021, 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 20.02.2021)

| | | |
|-------------------|-----------------------------------|--|
| Part One | NO STORM WARNING. | |
| Part Two | SEASONAL LOW LIES OVER SOUTH BAY. | |
| Part Three | Weather | PARTLY CLOUDY TO CLOUDY OVER AREA C-90. |
| | Wind | NORTH-EAST/NORTHERLY, 08-15 KTS. |
| | Visibility | 03-05 KMS REDUCING TO 1500 M OR LESS IN MIST/HAZE. |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT = 20,0000 UTC. CHATTOGRAM =1017 HPA |



Inland River Port Warning (VALID TILL 06 PM OF 20.02.2020)

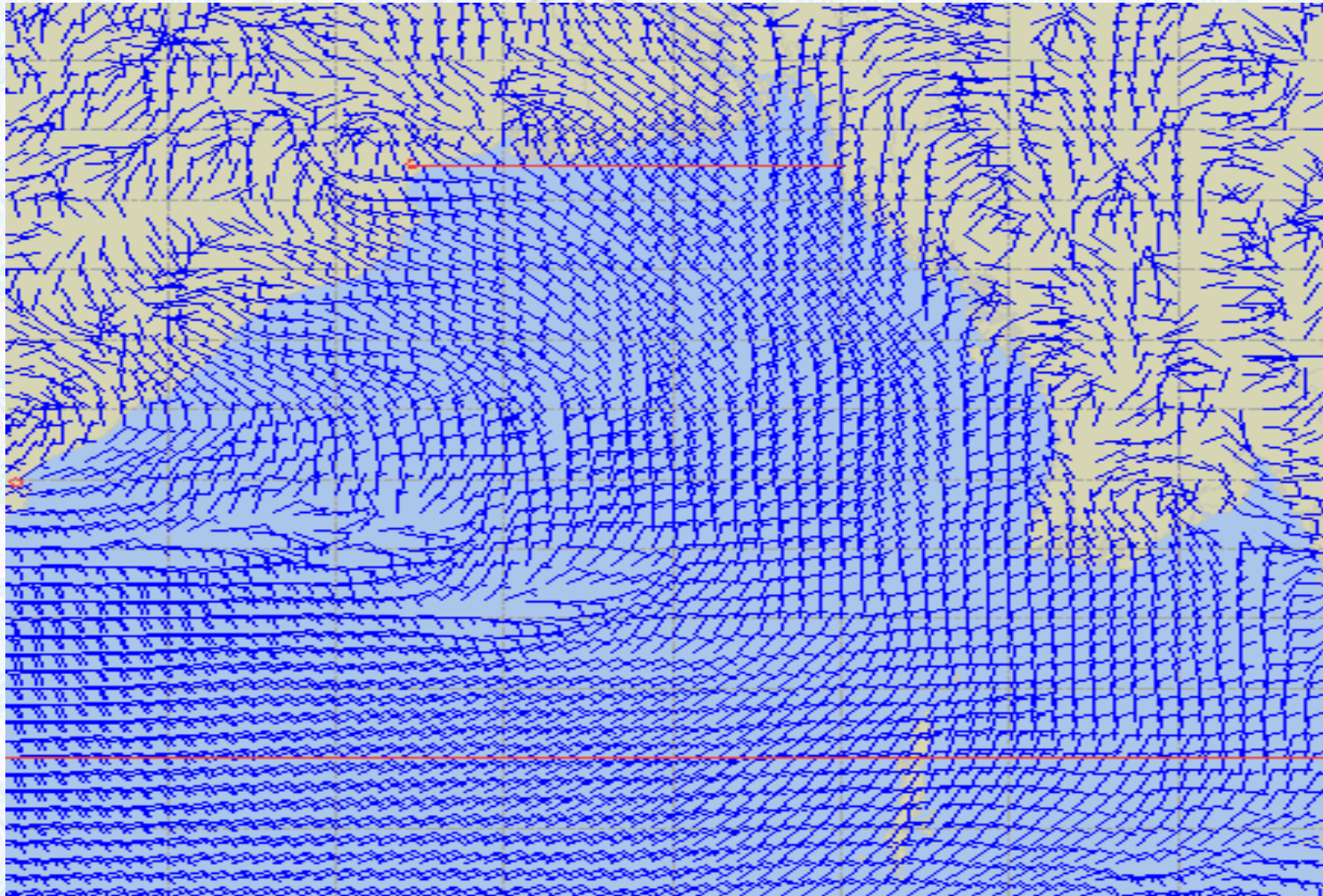
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 21 Feb - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



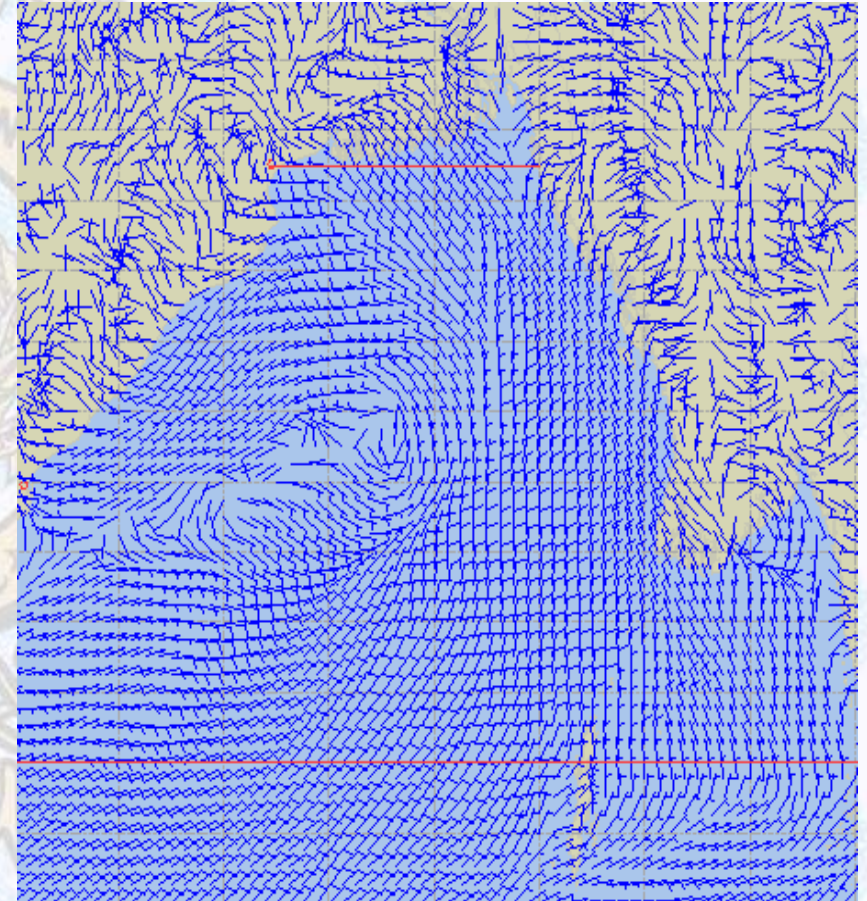
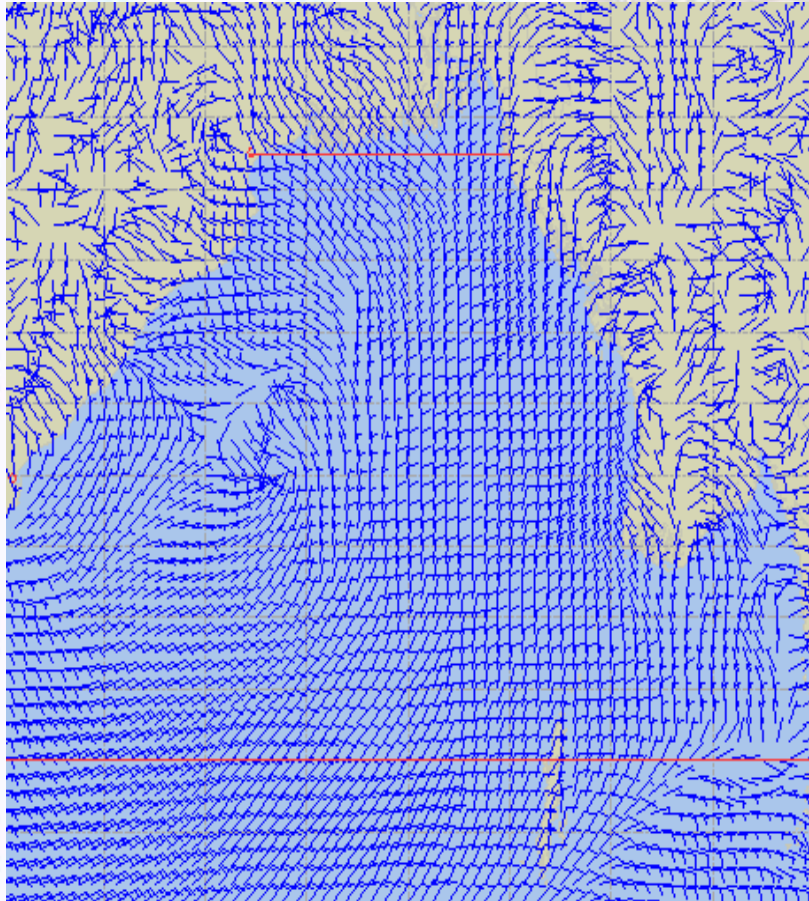
60 Knots



Surface Wind Forecast – 22 & 23 Feb - 2021

22 Feb 21 Monday

23 Feb 21 Tuesday



Legend:



Calm
Winds



5 Knots



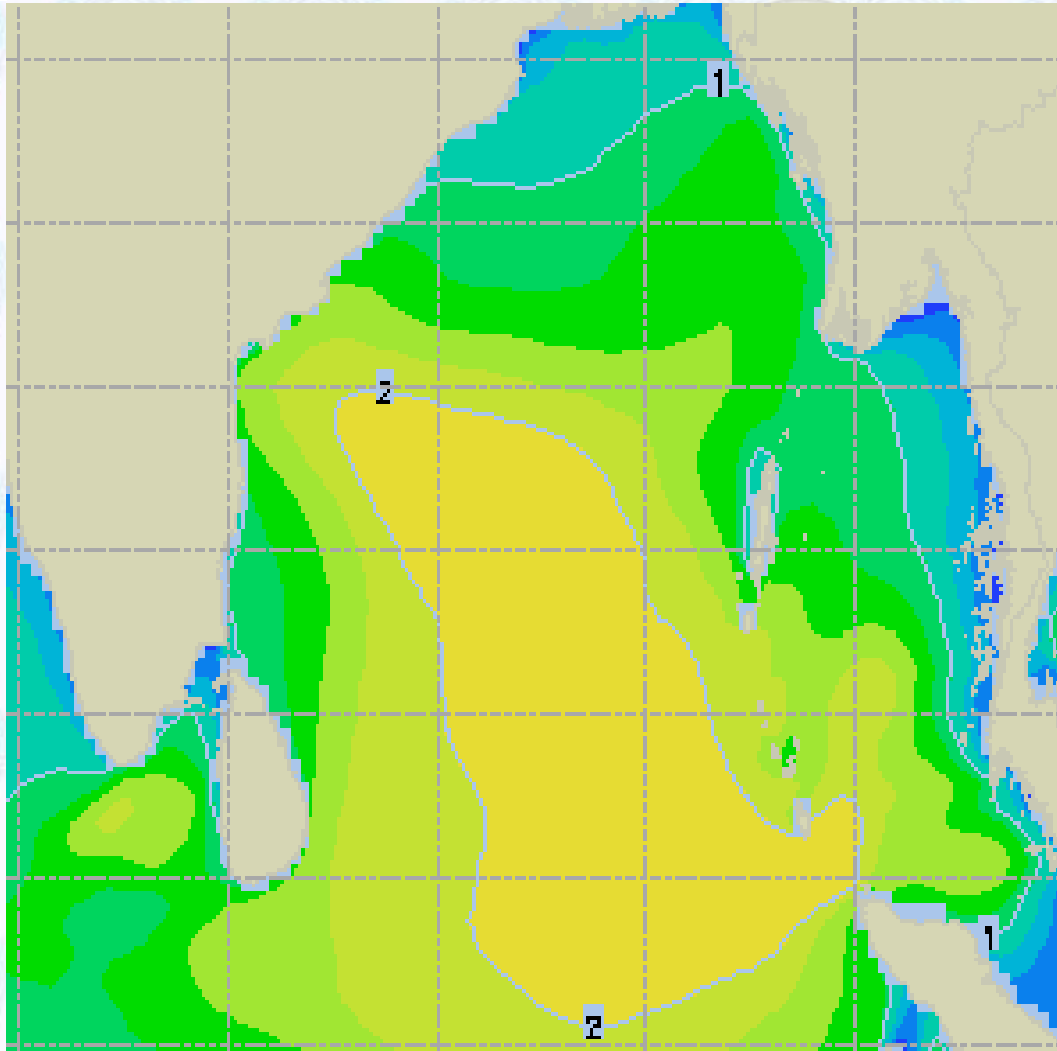
10 Knots



60 Knots



Sea State Forecast – 21 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 |

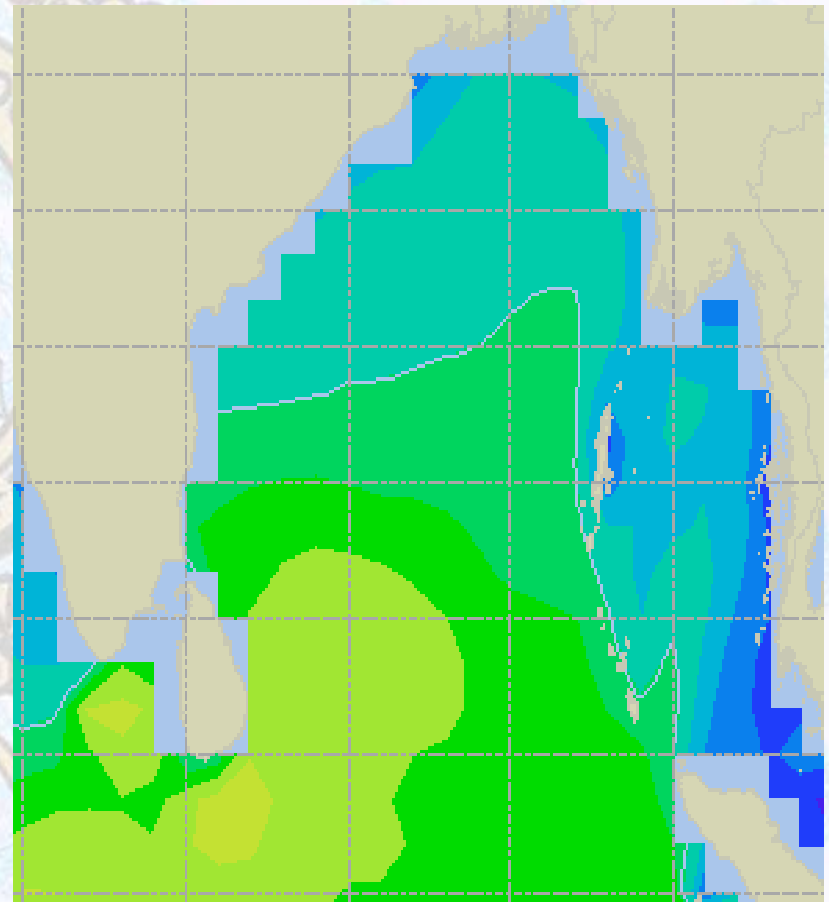
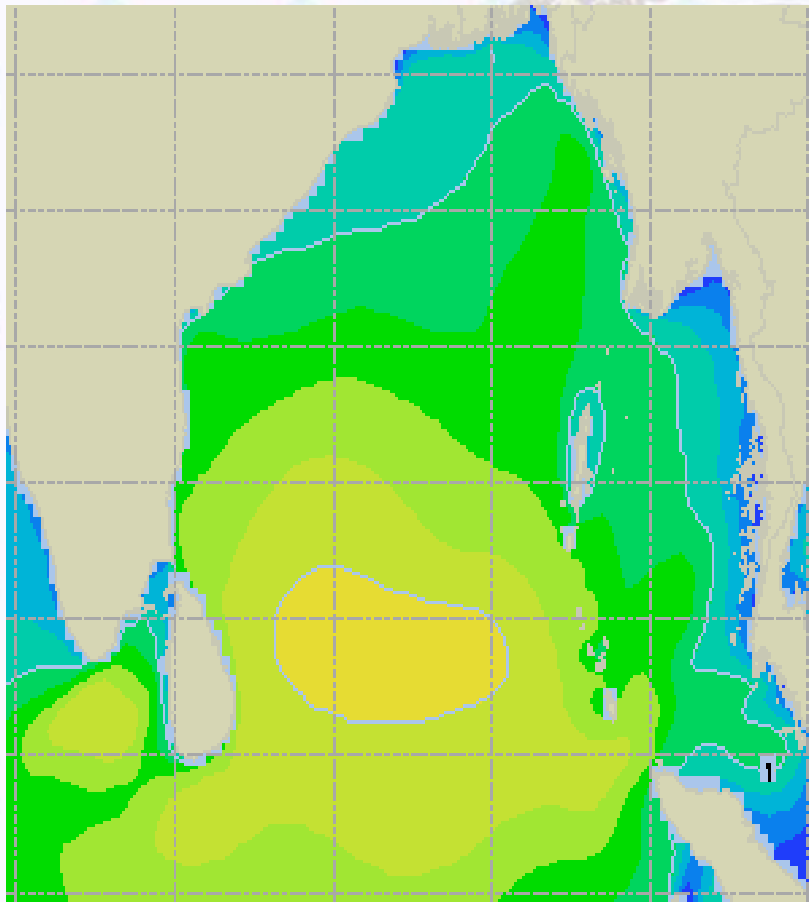




Sea State Forecast – 22 & 23 Feb - 2021

22 Feb 21 Monday

23 Feb 21 Tuesday

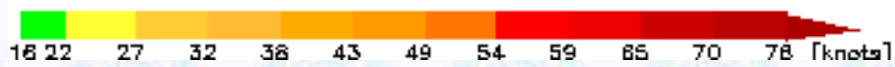
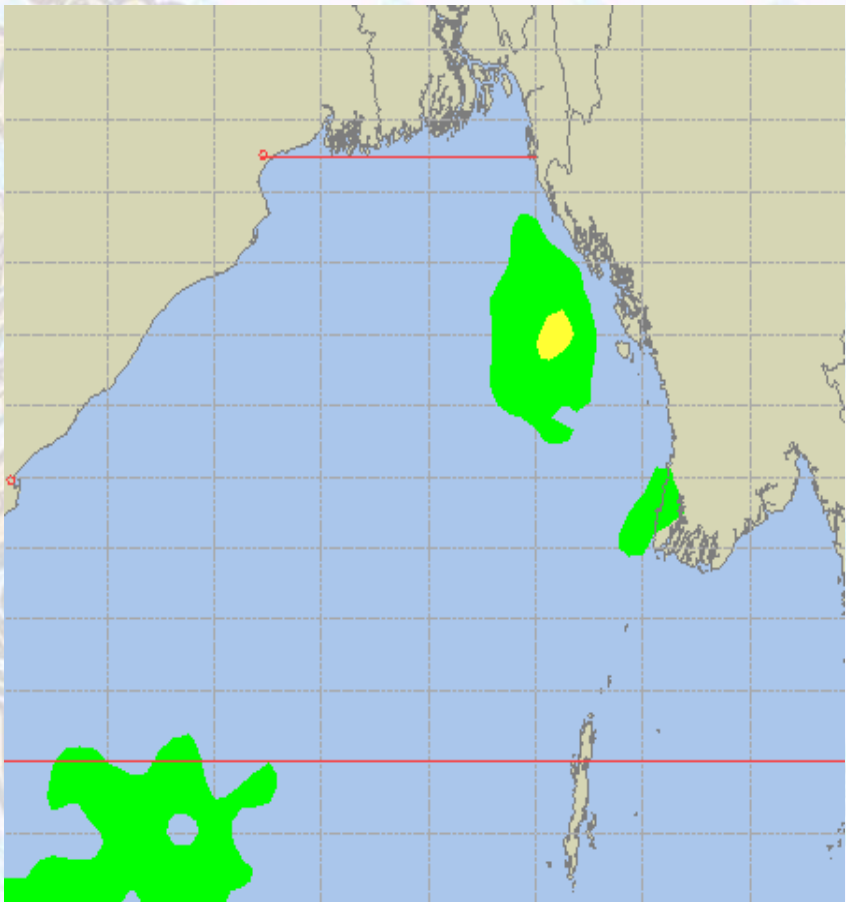
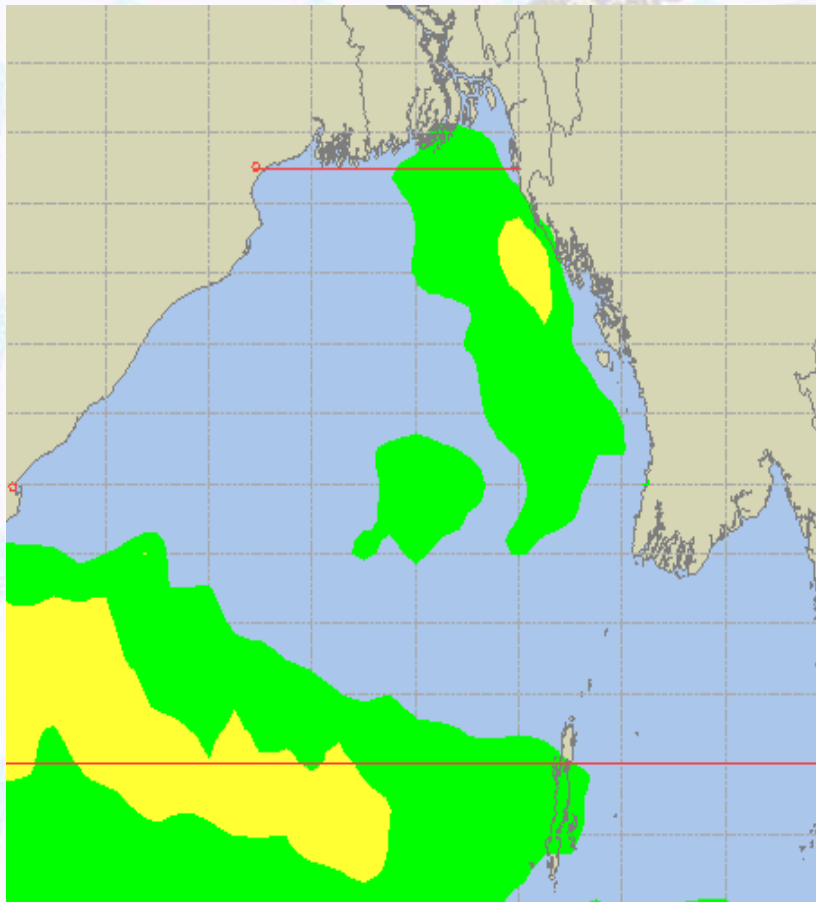




Peak Gusting Possibilities– 21 & 22 Feb 2021

21 Feb 21 Sunday

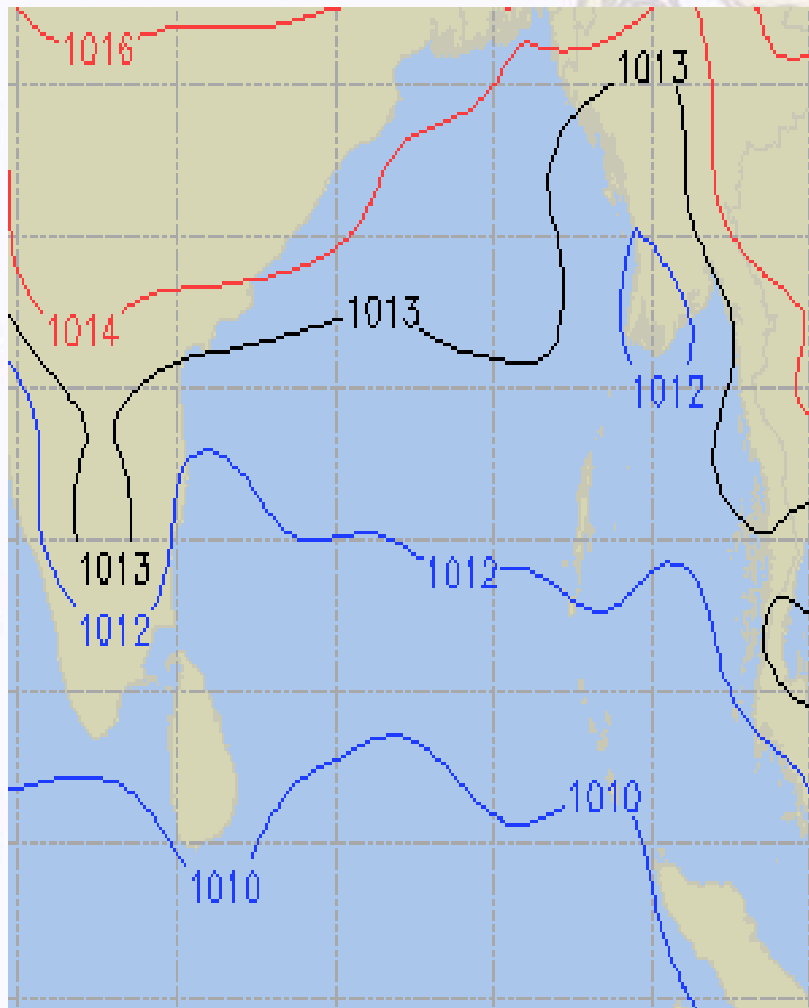
22 Feb 21 Monday



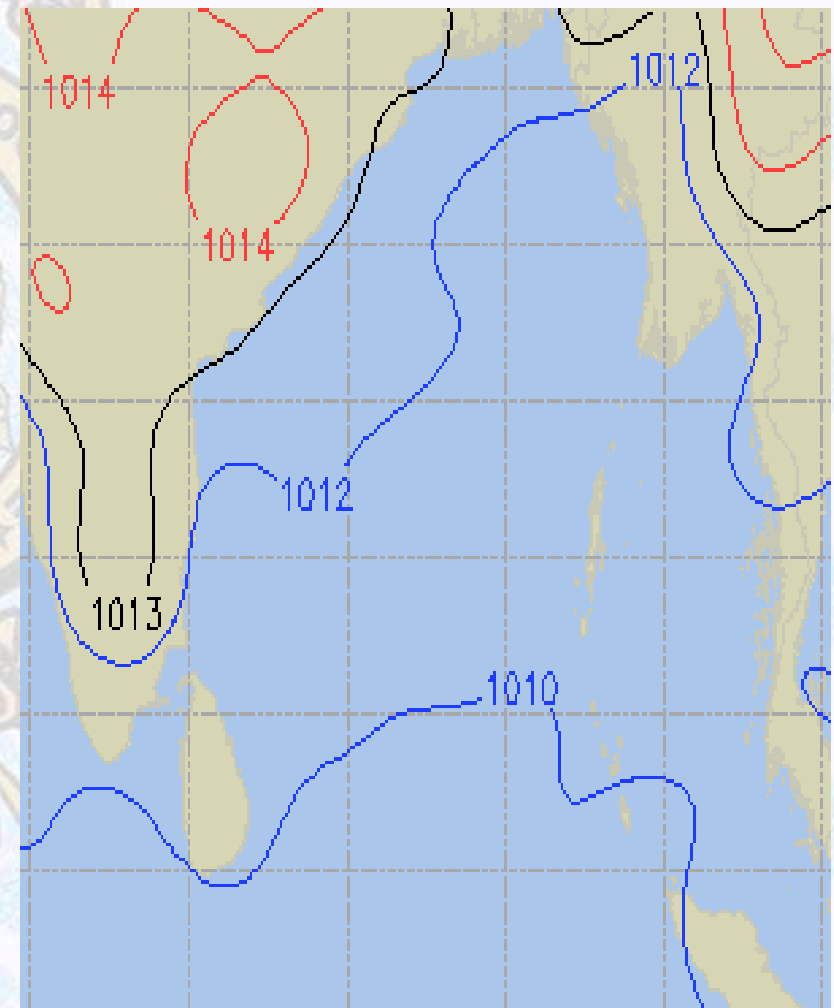


Surface Pressure forecast – 21 & 22 Feb 2021

21 Feb 21 Sunday



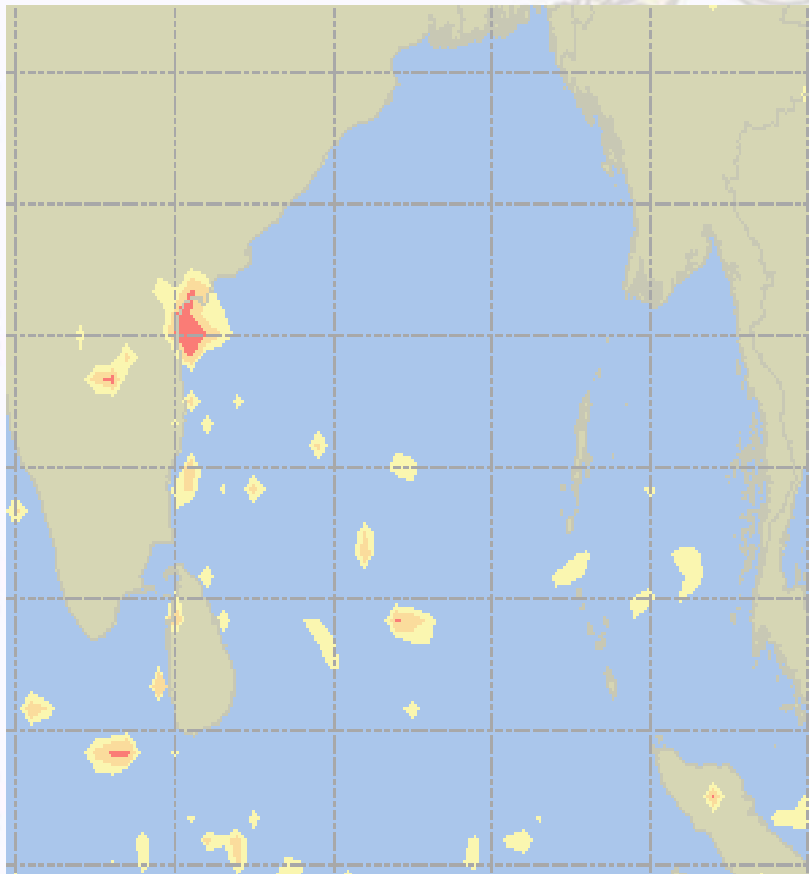
22 Feb 21 Monday



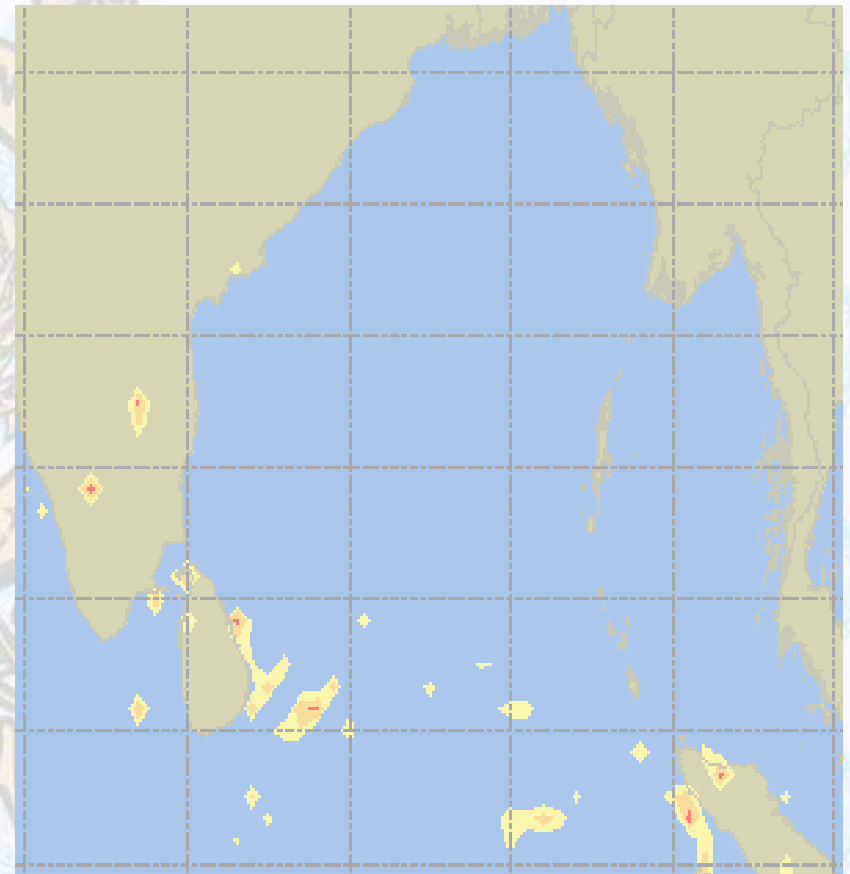


Visibility at Sea Forecast – 21 & 22 Feb 2021

21 Feb 21 Sunday



22 Feb 21 Monday



Visibility Scale:



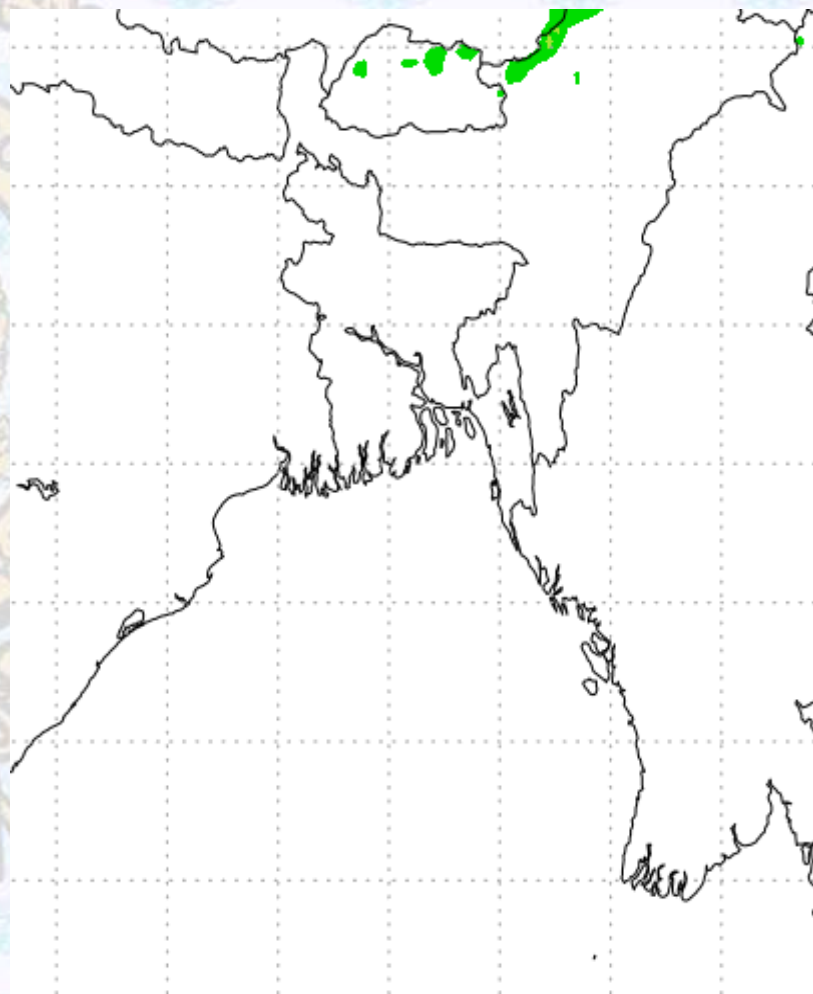
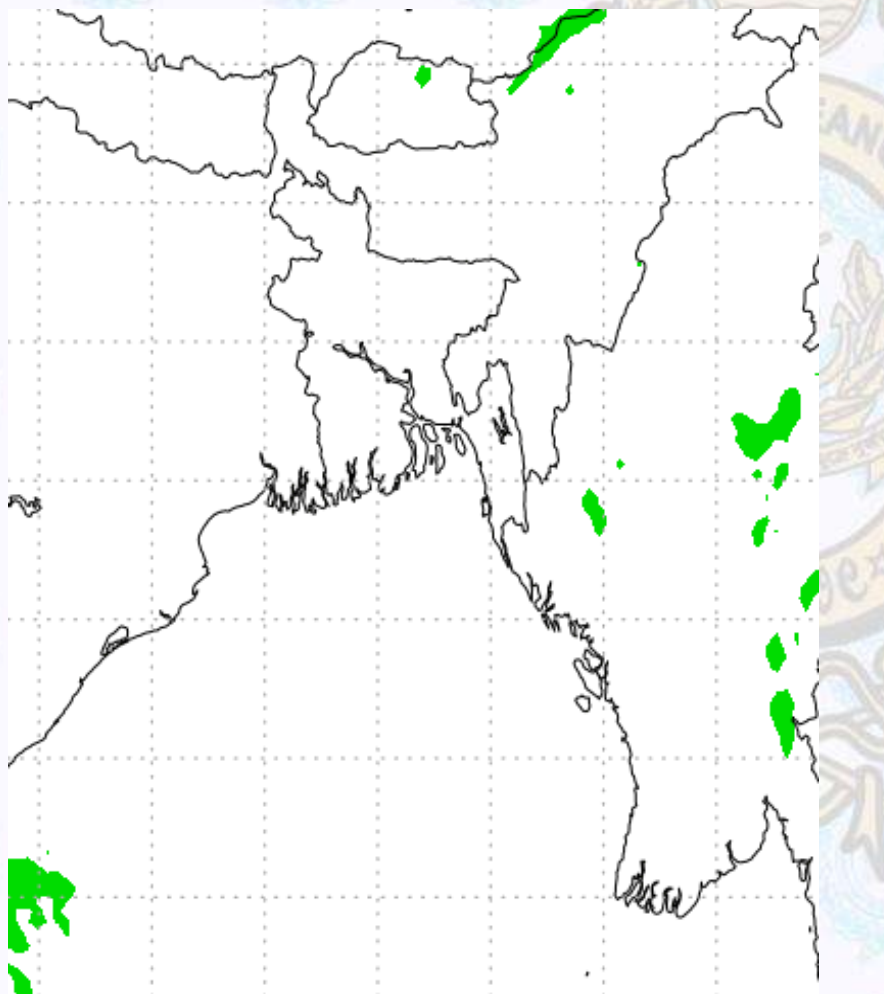
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 21 & 22 Feb 21

Rain(mm) 22 & 23 Feb 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | | | | | | | | |
|--------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| 21 Feb 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0116 | 1.37 | | 0437 | 2.00 | | 0424 | 1.85 |
| | 0720 | 2.79 | | 1059 | 0.95 | | 1051 | 1.10 |
| | 1330 | 1.29 | | 1743 | 2.13 | | 1742 | 2.06 |
| | 2009 | 3.22 | | - | - | | - | - |
| 22 Feb 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0257 | 1.43 | | 0012 | 1.08 | | 0037 | 1.32 |
| | 0852 | 2.72 | | 0601 | 1.90 | | 0609 | 1.77 |
| | 1458 | 1.36 | | 1232 | 0.99 | | 1230 | 1.11 |
| | 2119 | 3.33 | | 1917 | 2.24 | | 1930 | 2.14 |
| 23 Feb 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0434 | 1.27 | | 0157 | 1.00 | | 0224 | 1.16 |
| | 1028 | 2.90 | | 0742 | 2.00 | | 0812 | 1.89 |
| | 1623 | 1.25 | | 1403 | 0.90 | | 1357 | 0.99 |
| | 2237 | 3.56 | | 2026 | 2.49 | | 2040 | 2.32 |