



WEATHER FORECAST FOR BN

21 FEB - 24 FEB 2021





WEATHER FORECAST – DHAKA

21.02.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|------------|------------|-----------|
| Temp. / Dew Point | 29 / 15 | 28 / 13 | 23 / 15 | 21 / 14 |
| Wind | 15 km/h NW | 15 km/h NW | 3 km/h WNW | 4 m/h WNW |
| Humidity | 51% | 48% | 58% | 68% |
| Chance of Precip | 1% | 1% | 2% | 3% |
| Cloud Cover | 0% | 0% | 2% | 1% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 06: 27 AM 17: 57 PM | | | |

Conditions

Pressure : 1015 hpa

Visibility : 4.22 km

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



WEATHER FORECAST – CHATTOGRAM

21.02.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-------------|-------------|------------|----------|
| Temp. / Dew Point | 29 / 16 | 29 / 16 | 25 / 16 | 23 / 15 |
| Wind | 12 km/h WNW | 13 km/h WNW | 11 km/h NW | 8 km/h N |
| Humidity | 57% | 56% | 71% | 75% |
| Chance of Precip. | 1% | 1% | 4% | 6% |
| Cloud Cover | 91% | 96% | 89% | 89% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise | 06: 20 AM | | | |
| Sunset | 17: 52 PM | | | |

Conditions

Pressure : 1013 hpa

Visibility : 15.5 Km

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



WEATHER FORECAST – KHULNA

21.02.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|-----------|----------|---------|
| Temp. / Dew Point | 29 / 15 | 29 / 14 | 24 / 16 | 21 / 16 |
| Wind | 9 km/h N | 10 km/h N | 3 km/h N | 1 m/h N |
| Humidity | 46% | 46% | 64% | 76% |
| Chance of Precip. | 1% | 1% | 2% | 3% |
| Cloud Cover | 91% | 86% | 48% | 12% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 06: 29 AM 18: 01 PM | | | |

Conditions

Pressure : 1014 hpa

Visibility : 11.6 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 22 Feb 2021 | 23 Feb 2021 | 24 Feb 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 30 °C/ 17 °C | 30 °C/ 18 °C | 30 °C/ 19 °C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 6h26m30s/17h57m30s | 6h25m52s/17h58m06s | 6h24m48s/17h58m36s |
| Day Length | 11h31m00s | 11h32m24s | 11h33m48s |
| Moon Rise/ Set | 1:10PM 2:18AM | 2:03PM 3:13AM | 3:00PM 4:06AM |
| Moon Phase/ illu | Waxing Gibbous, 71% | Waxing Gibbous, 80% | Waxing Gibbous, 88% |
| Nautical Twilight | 05:37,18:47 | 05:37,18:47 | 05:37,18:48 |
| Civil Twilight | 06:04,18:20 | 06:03,18:21 | 06:03,18:21 |
| Humidity | D : 66% N : 69% | D : 71% N : 75% | D : 76% N : 81% |
| Barometer (mb) | 1014 | 1012 | 1012 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 5% | 5% | 5% |
| Wind (mph) | 11 Km/h NW | 9 Km/h W | 10 Km/h W |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 22 Feb 2021 | 23 Feb 2021 | 24 Feb 2021 |
|-------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 29° C/ 17° C | 29° C/ 17° C | 28° C / 17° C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 6h19m30s/ 17h52m54s | 6h18m48s/ 17h53m30s | 6h17m54s/ 17h54m00s |
| Day Length | 11h33m24s | 11h34m52s | 11h36m06s |
| Moon Rise/ Set | 1:07PM 2:09AM | 2:00PM 3:04AM | 3:00PM 4:06AM |
| Moon Phase/ illu | Waxing Gibbous, 71% | Waxing Gibbous, 80% | Waxing Gibbous, 88% |
| NauticalTwilight | 05:31, 18:42 | 05:30, 18:42 | 05:30, 18:42 |
| Civil Twilight | 05:57, 18:16 | 05:56, 18:16 | 05:56, 18:16 |
| Humidity | D : 56% N : 75% | D : 56% N : 82% | D : 56% N : 82% |
| Barometer (mb) | 1014 | 1012 | 1012 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 5% | 5% | 5% |
| Wind (mph) | 12 Km/h NW | 11 Km/h WSW | 12 Km/h SSW |

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



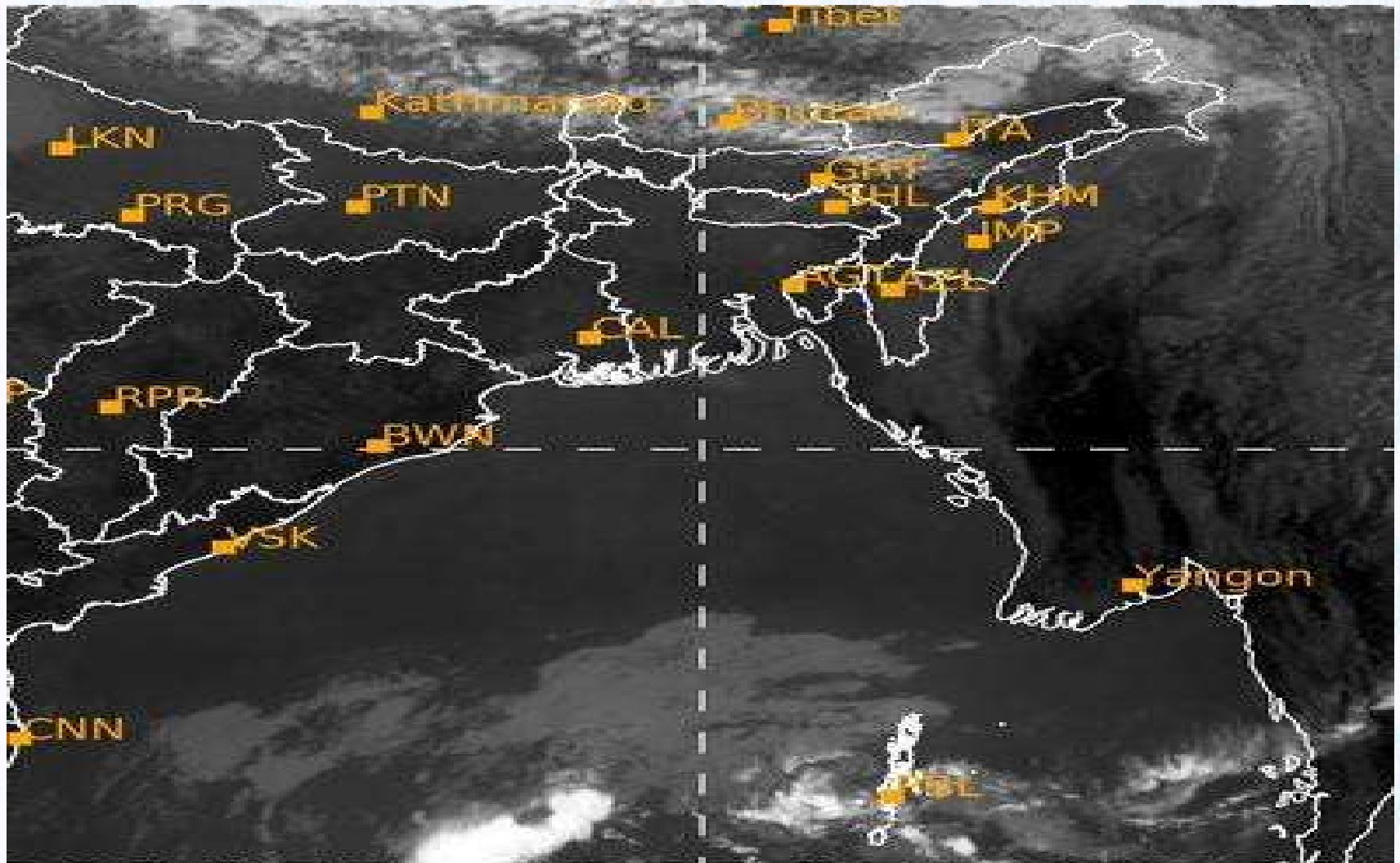
GENERAL WEATHER FORECAST – KHULNA

| Description | 22 Feb 2021 | 23 Feb 2021 | 24 Feb 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature(C) | 30°C/ 18°C | 31°C/ 19°C | 32°C/ 21°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 6h29m06s/ 18h01m36s | 6h28m18s/ 18h02m12s | 6h27m30s/ 18h02m48s |
| Day Length | 11h32m30s | 11h33m54s | 11h35m18s |
| Moon Rise/Set | 1:16PM 2:20AM | 2:08PM 3:14AM | 3:00PM 4:06AM |
| Moon Phase/illu | Waxing Gibbous, 71% | Waxing Gibbous, 80% | Waxing Gibbous, 88% |
| Nautical Twilight | 05:41, 18:51 | 05:40, 18:51 | 05:40, 18:51 |
| Civil Twilight | 06:07, 18:24 | 06:06, 18:25 | 06:06, 18:25 |
| Humidity | D : 49% N : 75% | D : 53% N : 84% | D : 53% N : 84% |
| Barometer (mb) | 1014 | 1012 | 1012 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 5% | 4% | 4% |
| Wind (mph) | 9 km/h NW | 8 km/h W | 10 km/h W |

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



SATELLITE VIEW OF BAY OF BENGAL

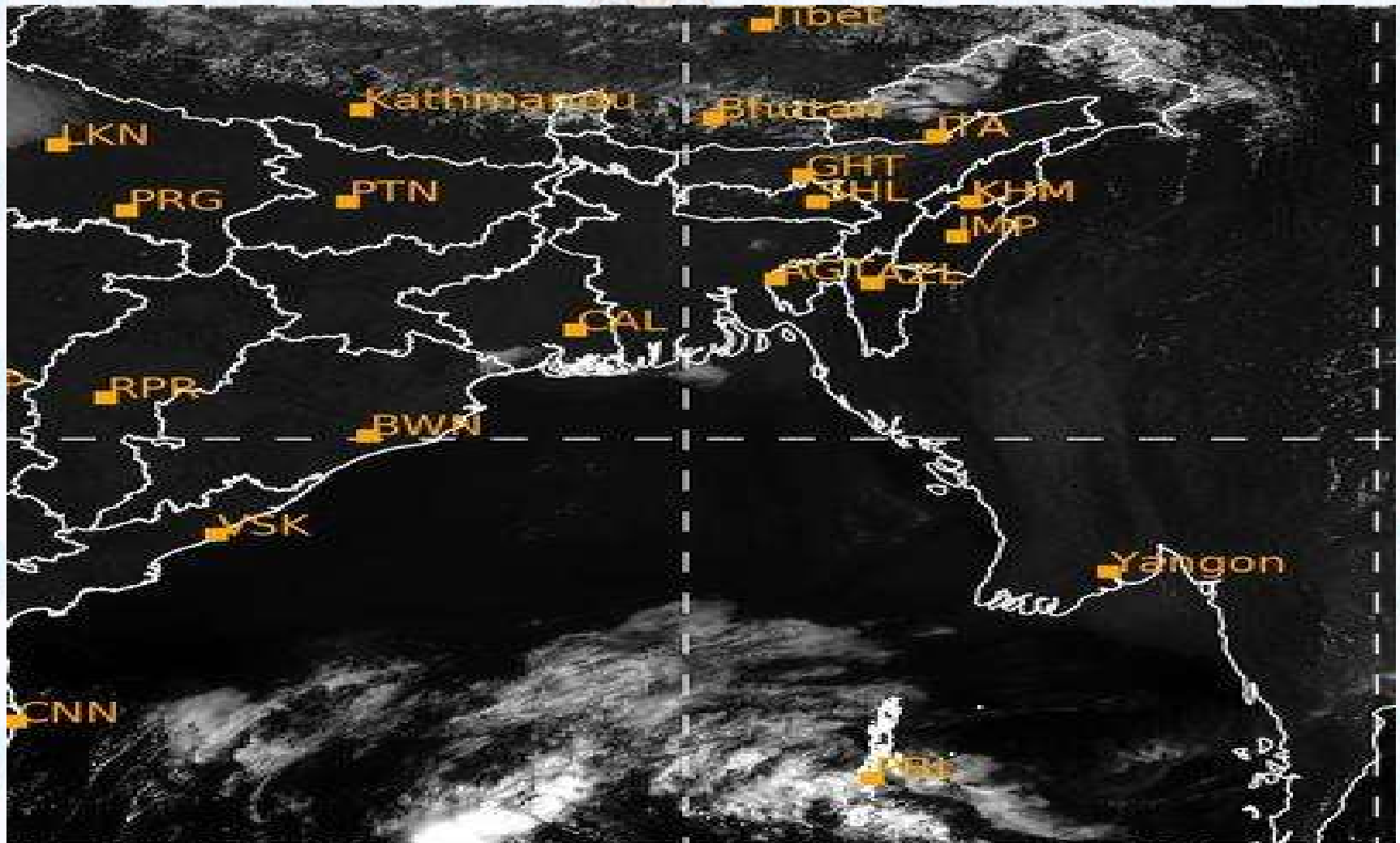


21/02/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



21/02/2021, 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 21.02.2021)

| | | |
|-------------------|-----------------------------------|--|
| 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 = 21,0000 UTC. CHATTOGRAM =1017 HPA |



Inland River Port Warning (VALID TILL 06 PM OF 21.02.2020)

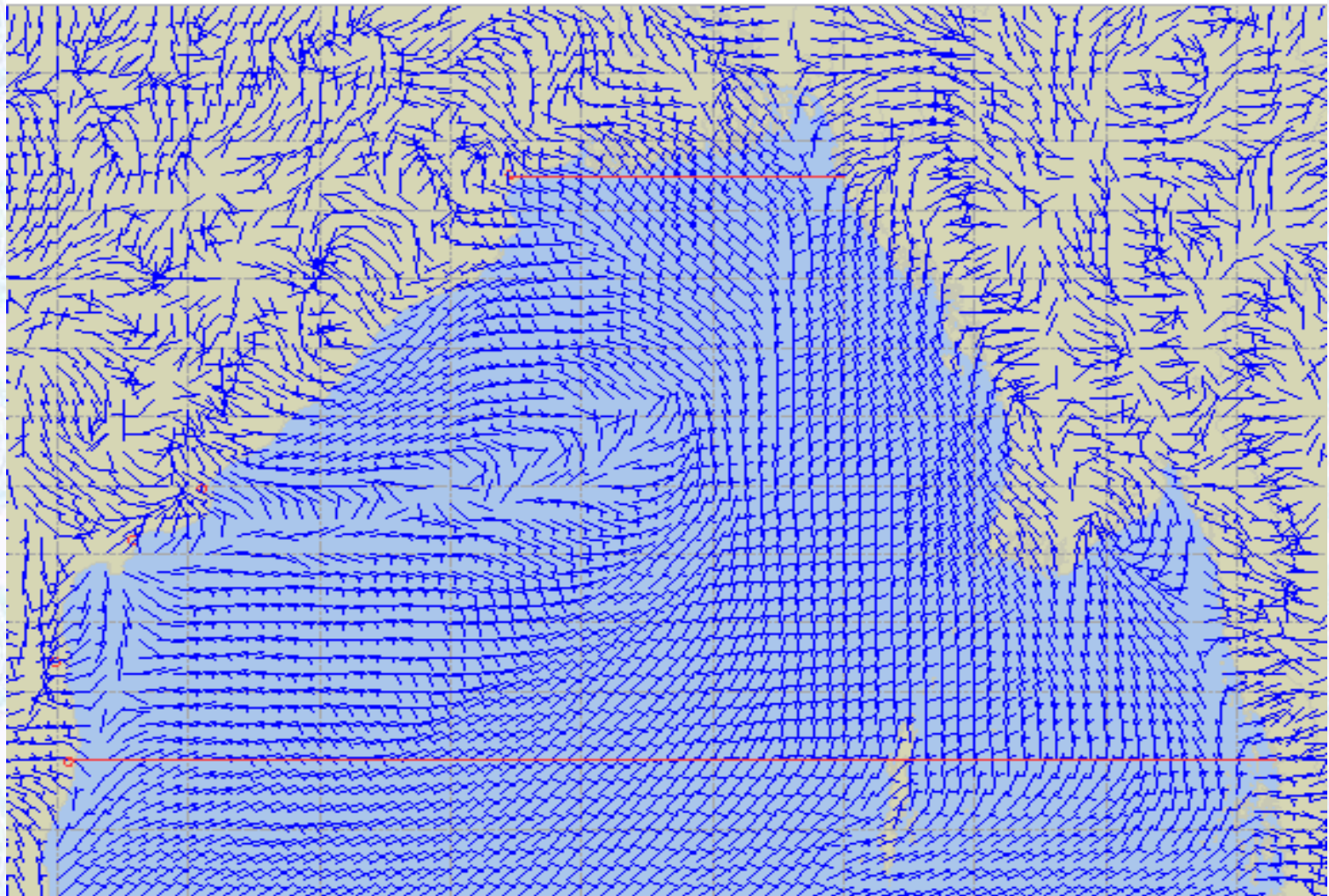
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 22 Feb - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



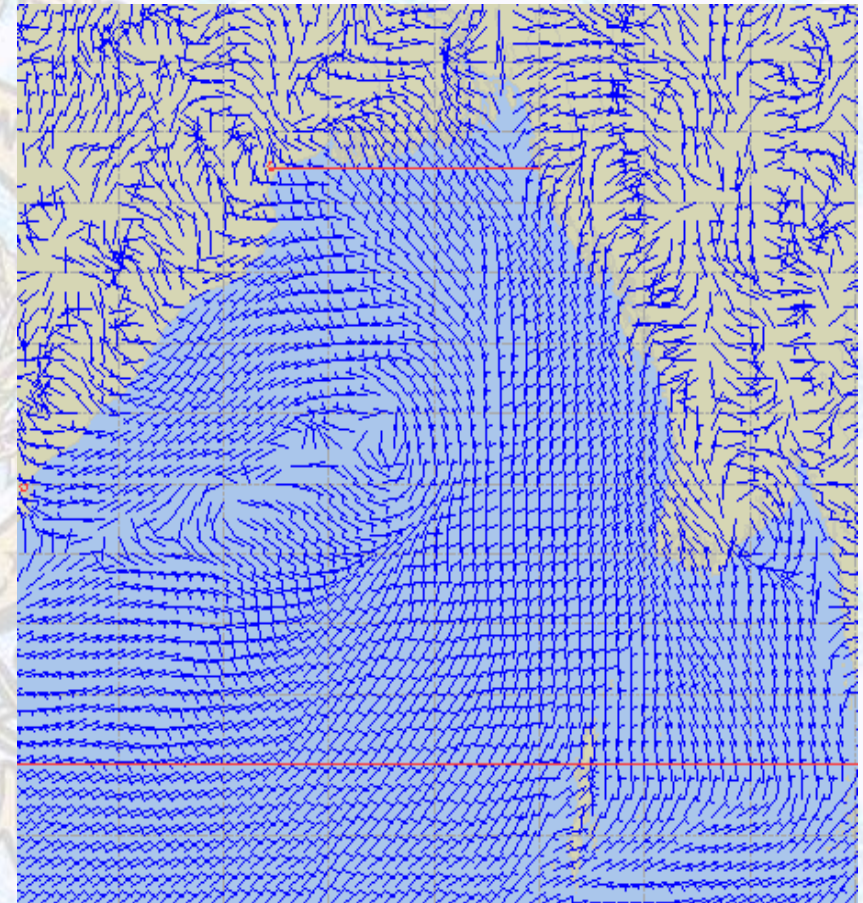
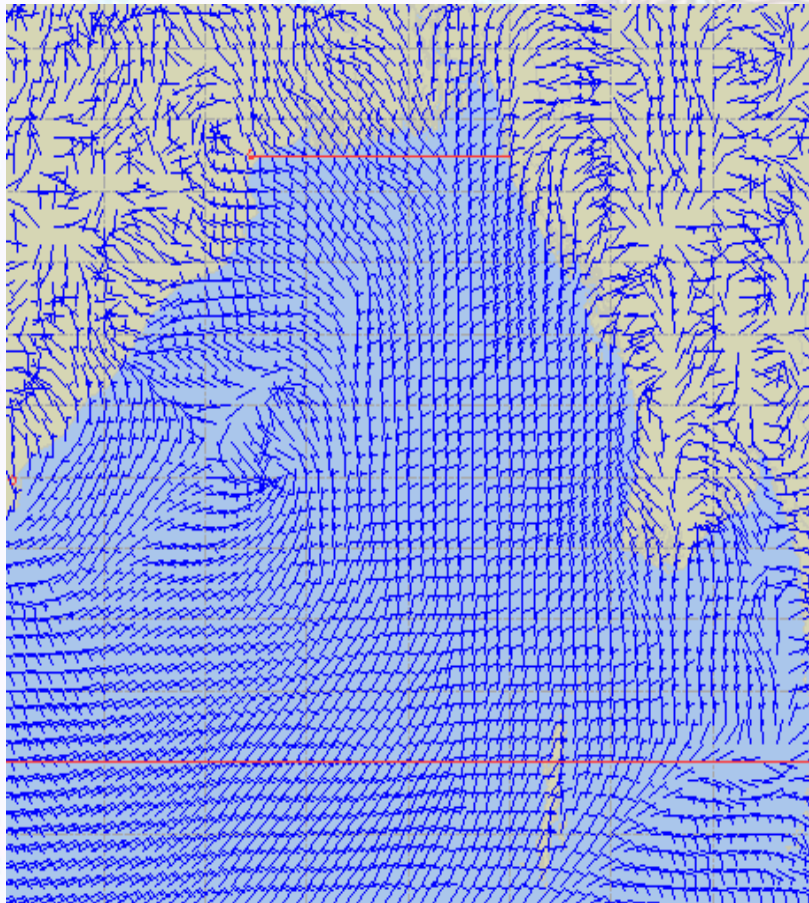
60 Knots



Surface Wind Forecast – 23 & 24 Feb - 2021

23 Feb 21 Tuesday

24 Feb 21 Wednesday



Legend:



Calm
Winds



5 Knots



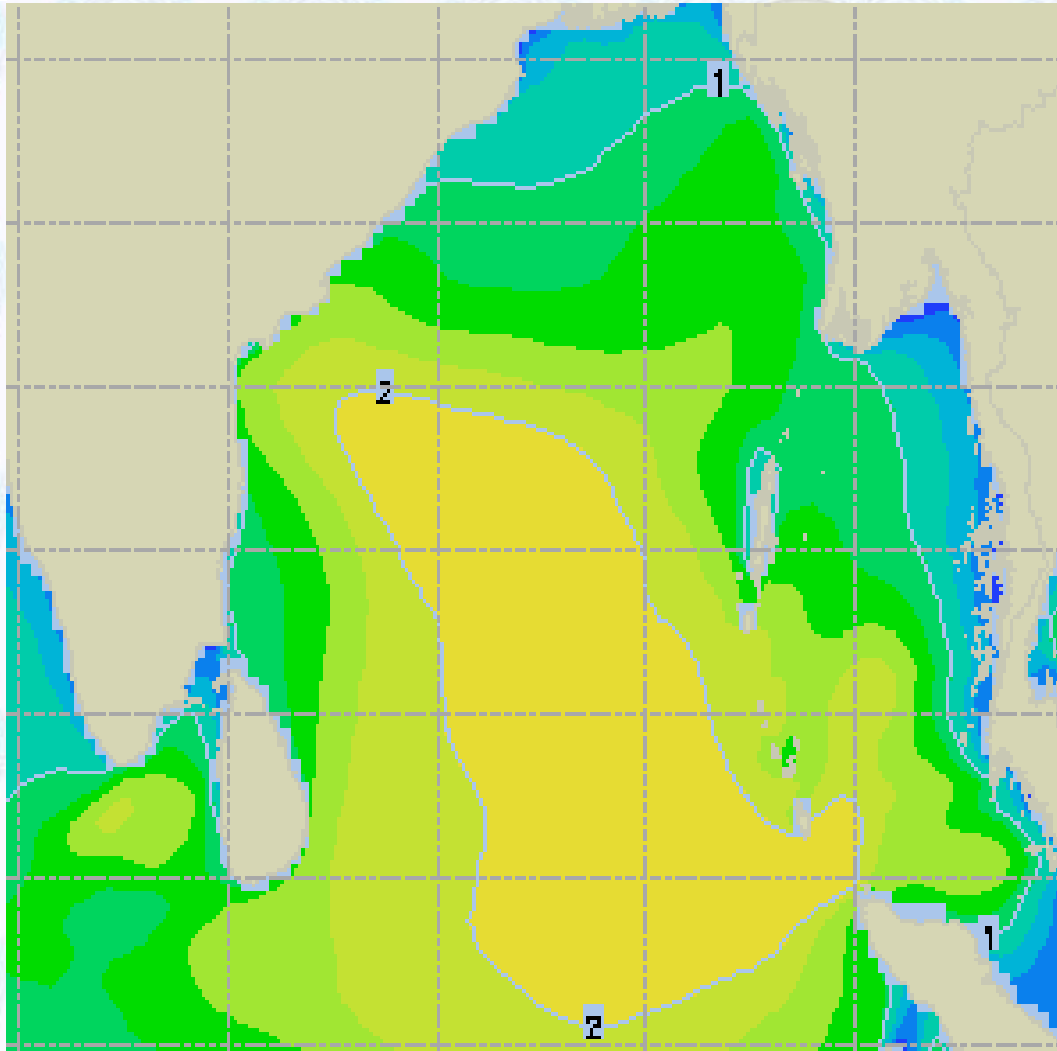
10 Knots



60 Knots



Sea State Forecast – 22 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 |

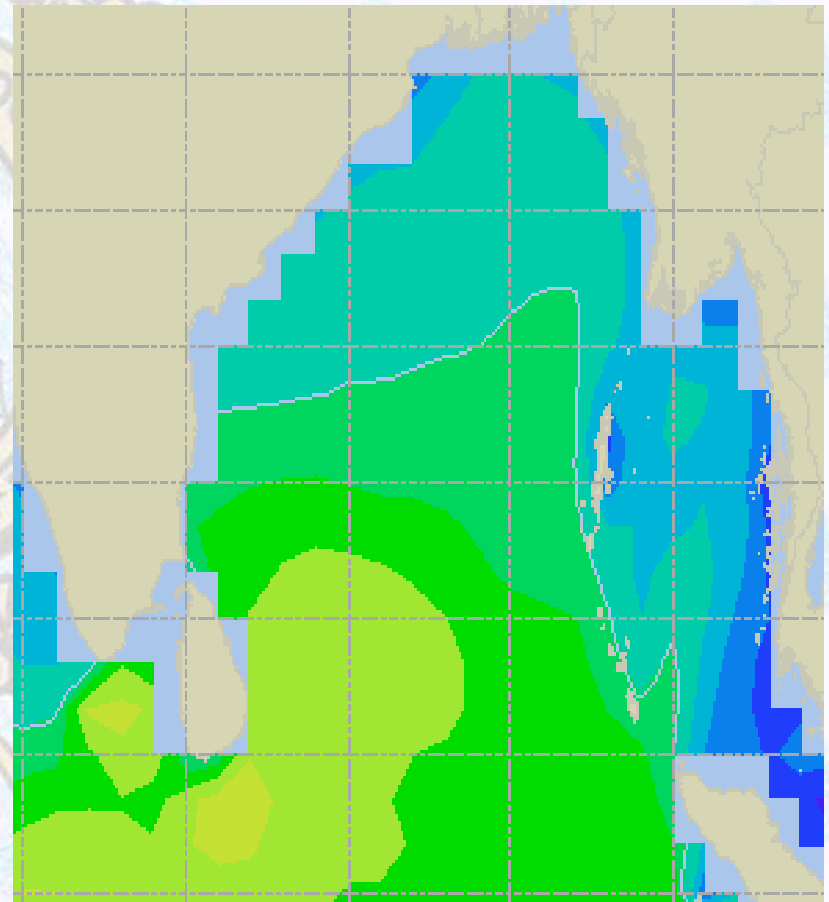
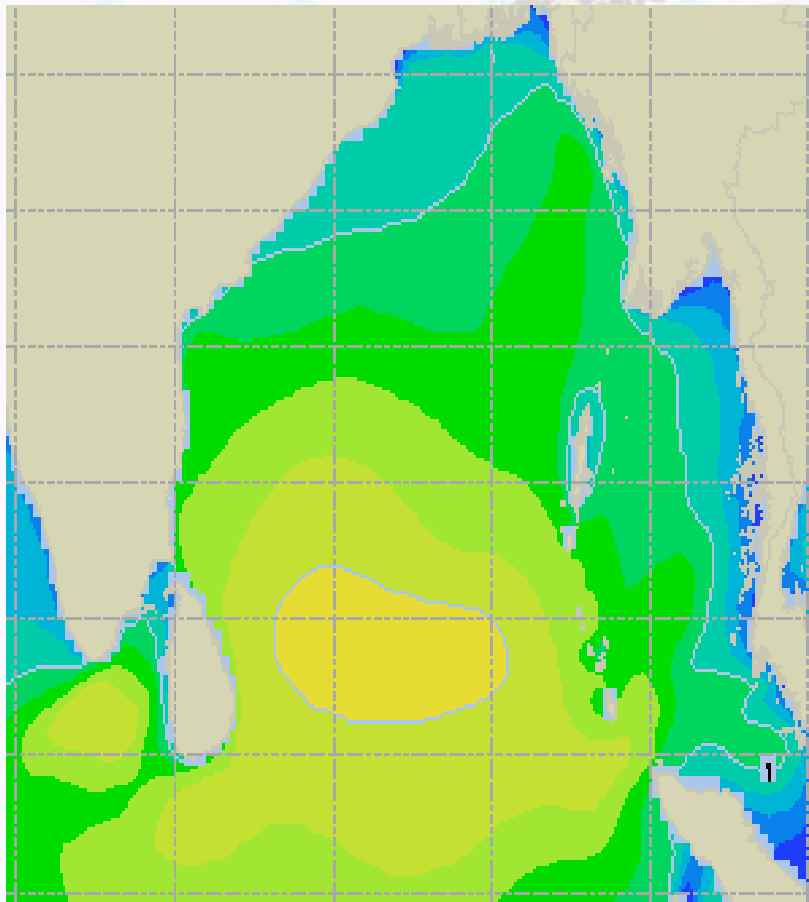




Sea State Forecast – 23 & 24 Feb - 2021

23 Feb 21 Tuesday

24 Feb 21 Wednesday

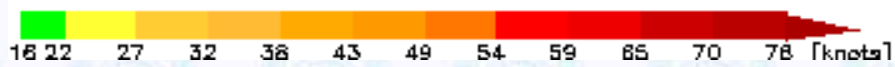
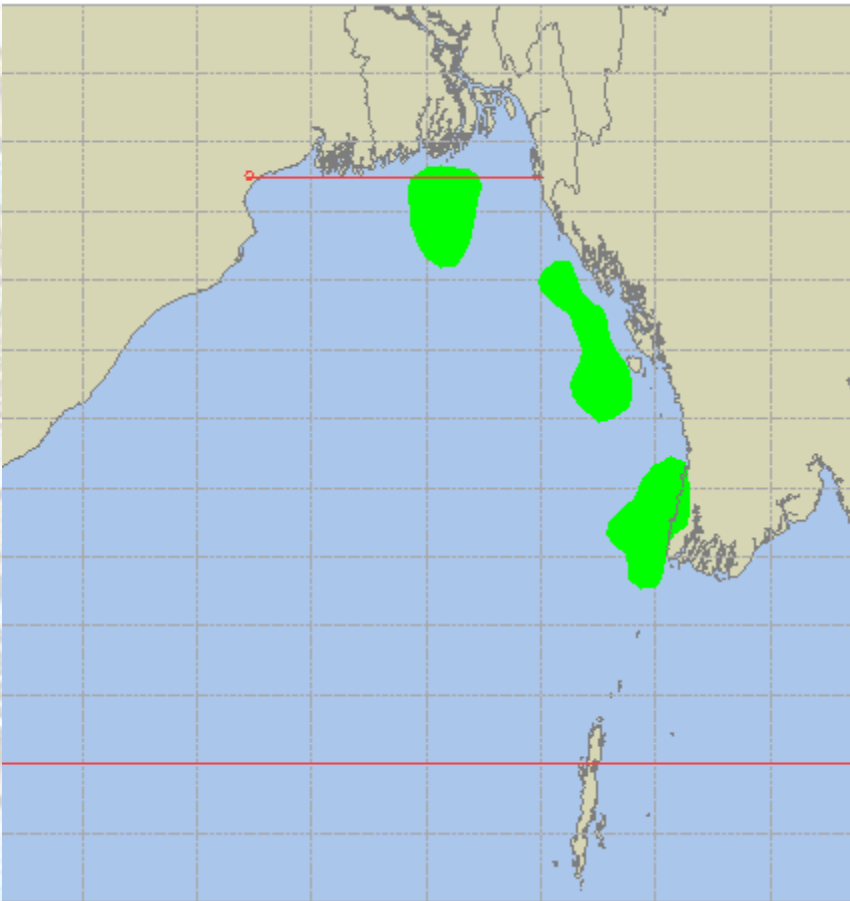
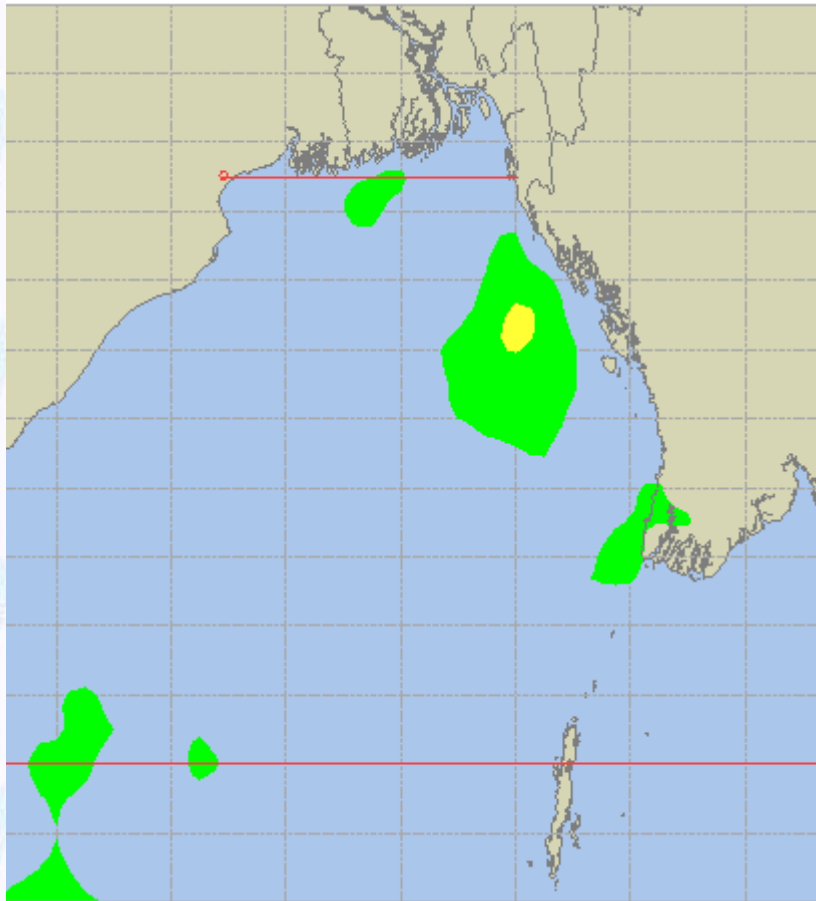




Peak Gusting Possibilities– 22 & 23 Feb 2021

22 Feb 21 Monday

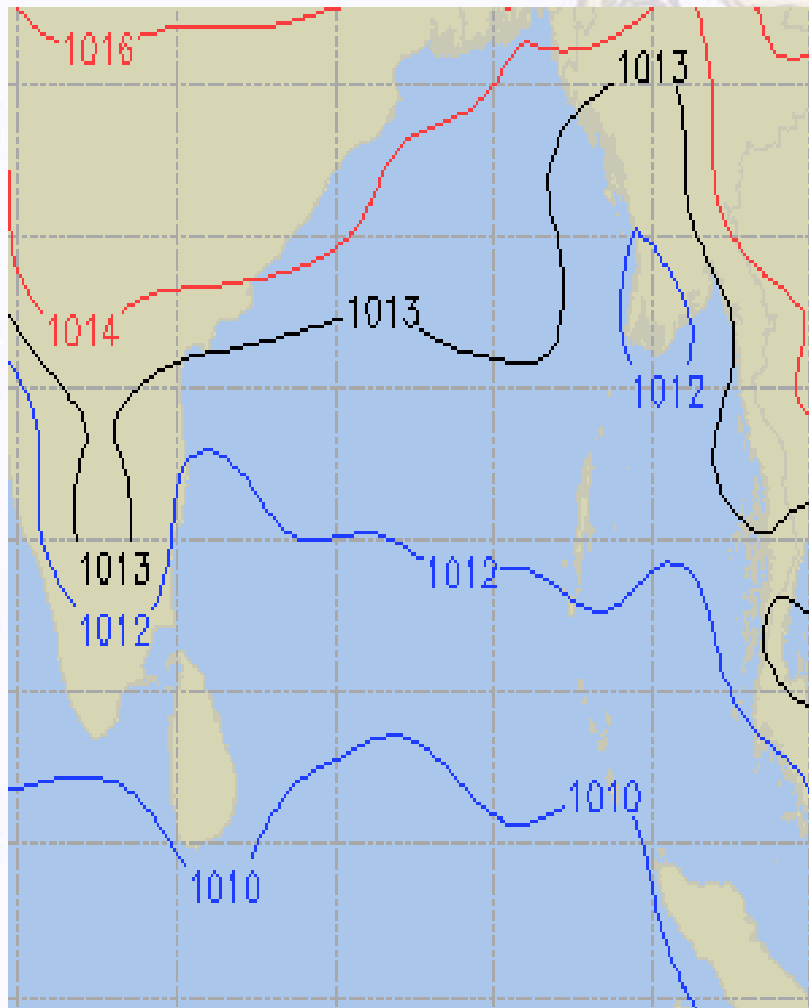
23 Feb 21 Tuesday



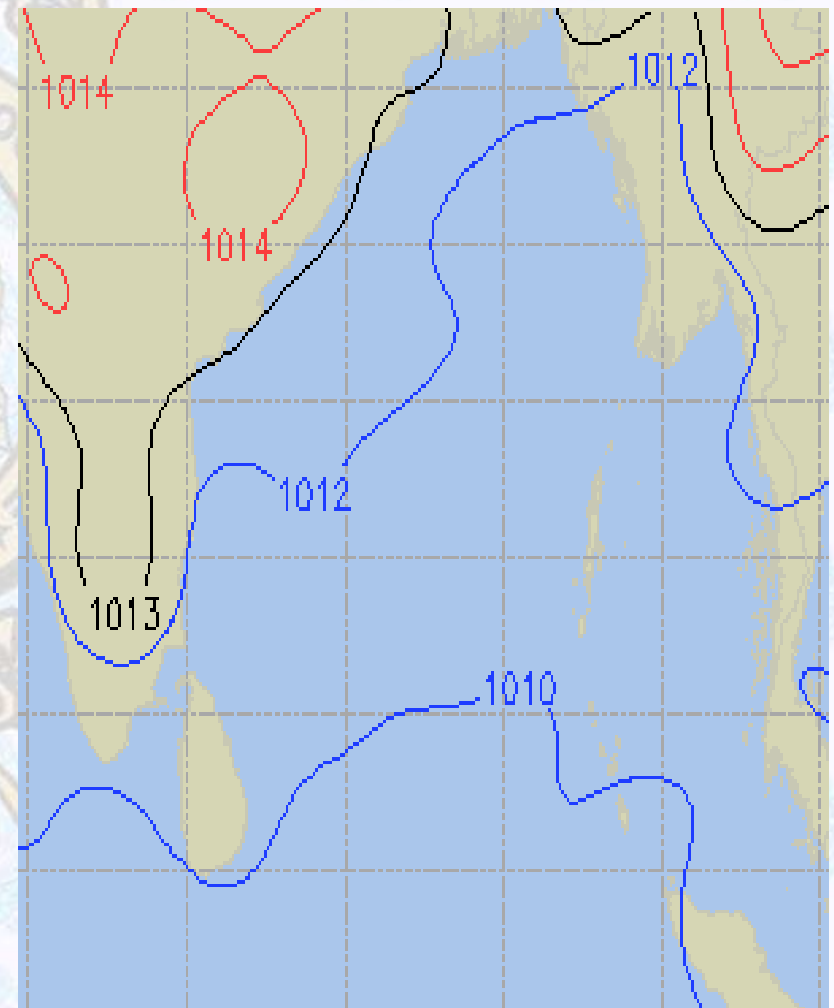


Surface Pressure forecast – 22 & 23 Feb 2021

22 Feb 21 Monday



23 Feb 21 Tuesday

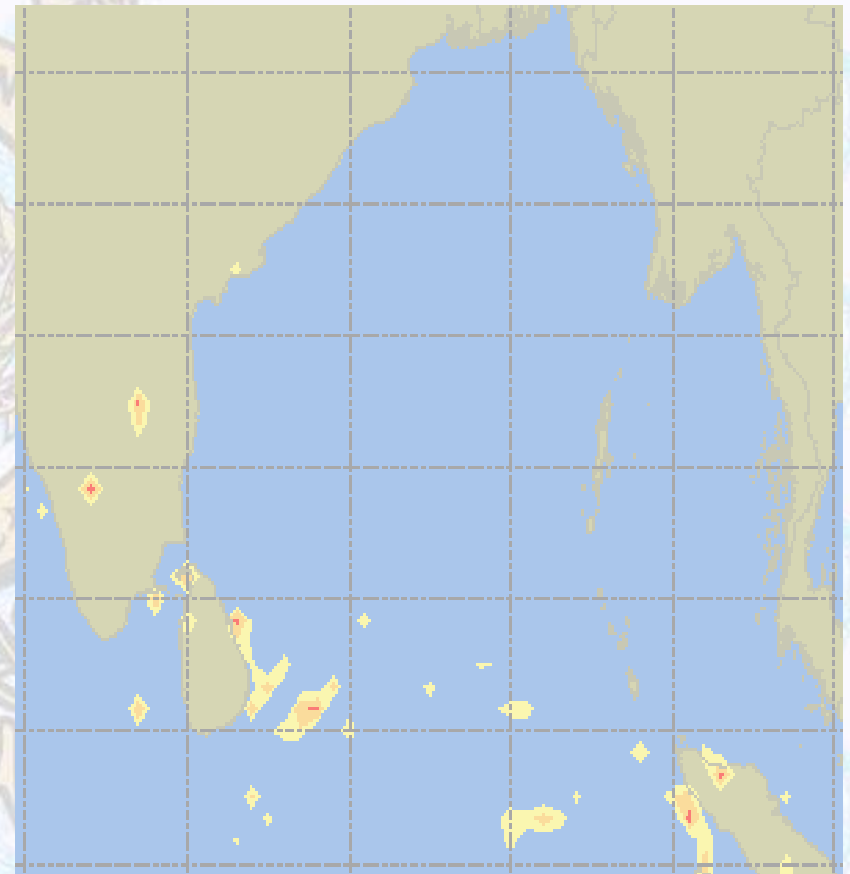
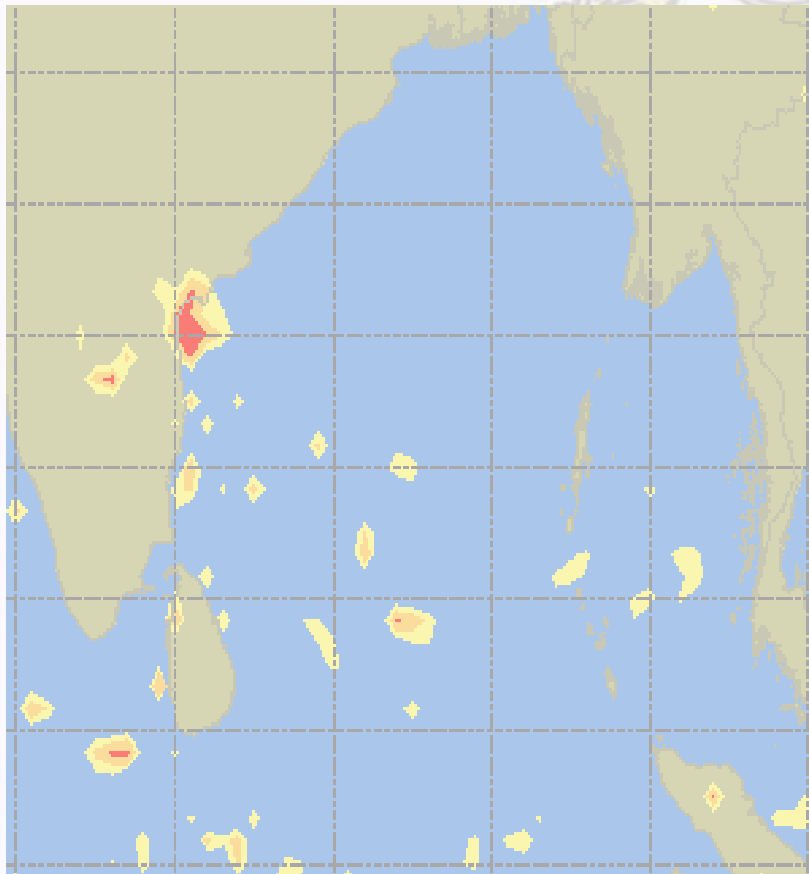




Visibility at Sea Forecast – 22 & 23 Feb 2021

22 Feb 21 Monday

23 Feb 21 Tuesday



Visibility Scale:



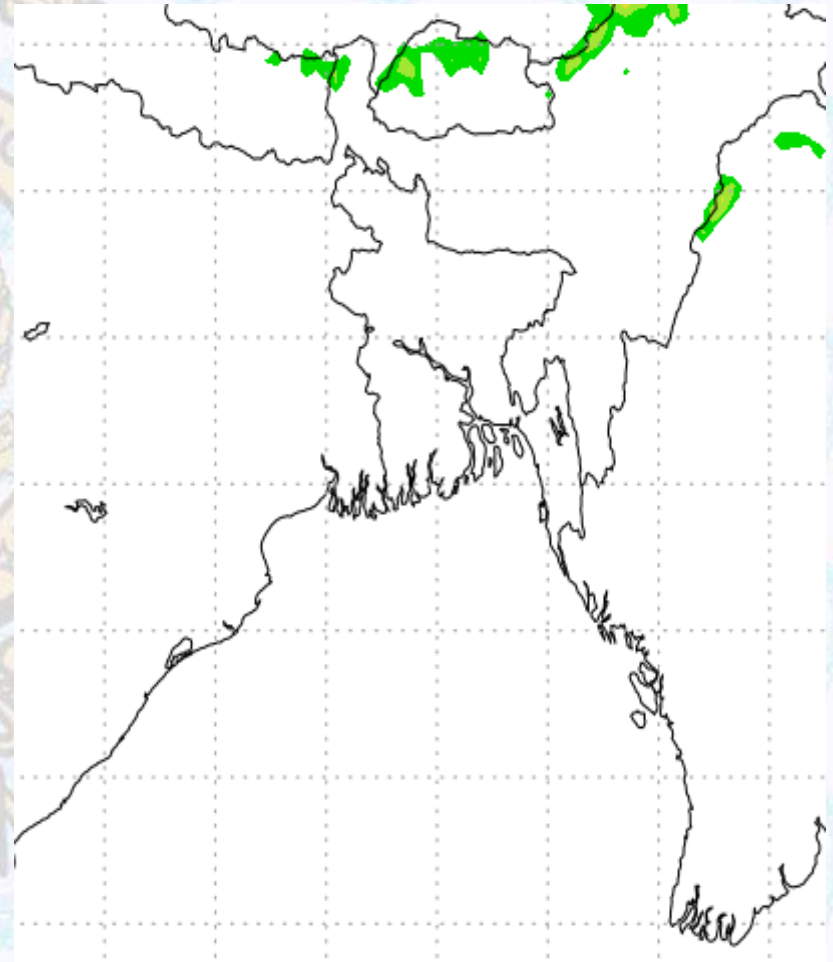
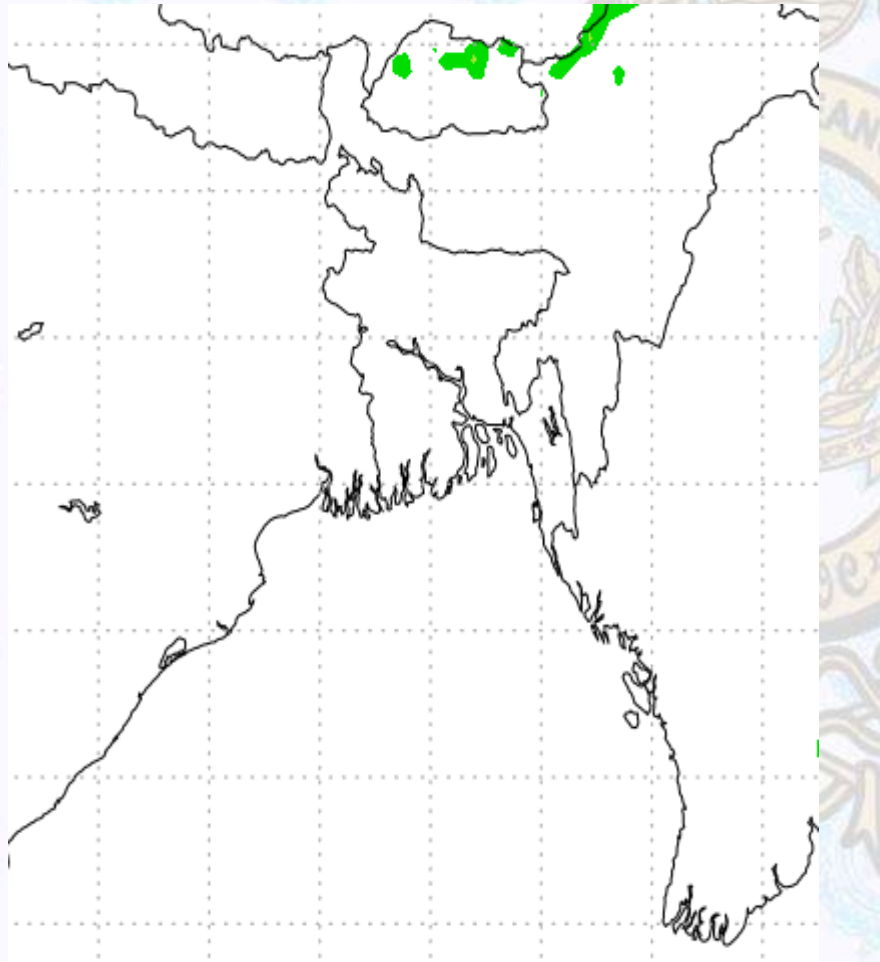
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 22 & 23 Feb 21

Rain(mm) 23 & 24 Feb 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | | | | | | | | |
|--------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| 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 |
| 24 Feb 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0537 | 1.03 | | 0303 | 0.83 | | 0317 | 0.94 |
| | 1128 | 3.21 | | 0849 | 2.24 | | 0910 | 2.09 |
| | 1730 | 1.05 | | 1509 | 0.73 | | 1501 | 0.80 |
| | 2329 | 3.83 | | 2115 | 2.78 | | 2126 | 2.52 |