



WEATHER FORECAST FOR BN

21 MAR - 24 MAR 2021





WEATHER FORECAST – DHAKA

21.03.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------|-------------|------------|---------|
| Temp. / Dew Point | 33 / 17 | 31 / 18 | 28 / 18 | 27 / 16 |
| Wind | 8 km/h WNW | 11 km/h WNW | 4 km/h NNE | 3 m/h S |
| Humidity | 46% | 43% | 52% | 53% |
| Chance of Precip | 1% | 1% | 1% | 2% |
| Cloud Cover | 68% | 60% | 56% | 53% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise | 06: 01 AM | | | |
| Sunset | 18: 10 PM | | | |

Conditions

Pressure : 1010 hpa

Visibility : 1.22 km

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



WEATHER FORECAST – CHATTOGRAM

21.03.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-----------|-----------|-----------|-----------|
| Temp. / Dew Point | 32 / 20 | 30 / 21 | 27 / 23 | 26 / 22 |
| Wind | 12 km/h W | 13 km/h W | 10 km/h W | 6 km/h NW |
| Humidity | 49% | 49% | 64% | 28% |
| Chance of Precip. | 1% | 1% | 1% | 1% |
| Cloud Cover | 35% | 21% | 22% | 24% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise | 05: 55 AM | | | |
| Sunset | 18: 04 PM | | | |

Conditions

Pressure : 1010 hpa

Visibility : 03.22 Km

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



WEATHER FORECAST – KHULNA

21.03.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|-----------|------------|----------|
| Temp. / Dew Point | 34 / 17 | 34 / 17 | 29 / 20 | 27 / 22 |
| Wind | 8 km/h NW | 8 km/h NW | 5 km/h SSW | 5 m/h SW |
| Humidity | 39% | 37% | 55% | 51% |
| Chance of Precip. | 1% | 1% | 1% | 2% |
| Cloud Cover | 60% | 65% | 60% | 69% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise Sunset | 06: 04 AM 18: 13 PM | | | |

Conditions

Pressure : 1010 hpa

Visibility : 9.66 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 22 Mar 2021 | 23 Mar 2021 | 24 Mar 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 36 °C/ 24 °C | 36 °C/ 24 °C | 36 °C/ 24 °C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 6h 00m06s/18h10m48s | 6h 59m18s/18h11m12s | 6h 58m24s/18h11m30s |
| Day Length | 12h10m42s | 12h11m54s | 12h13m06s |
| Moon Rise/ Set | 11:51AM 1:02AM | 12:45PM 1:55AM | 12:45PM 1:55AM |
| Moon Phase/ illu | Waxing Gibbous, 54% | Waxing Gibbous, 64% | Waxing Gibbous, 64% |
| Nautical Twilight | 05:15,18:57 | 05:15,18:57 | 05:15,18:57 |
| Civil Twilight | 05:42,18:31 | 05:42,18:31 | 05:42,18:31 |
| Humidity | D : 50% N : 60% | D : 50% N : 60% | D : 50% N : 60% |
| Barometer (mb) | 1008 | 1008 | 1008 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 2% | 2% | 2% |
| Wind (km/hr) | 9 Km/h, NNW | 9 Km/h, NNW | 9 Km/h, NNW |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 22 Mar 2021 | 23 Mar 2021 | 24 Mar 2021 |
|-------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 32 °C / 24 °C | 32 °C / 23 °C | 32 °C / 23 °C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 5h54m36s/ 18h05m00s | 5h53m42s/ 18h05m18s | 5h52m54s/ 18h05m36s |
| Day Length | 12h10m24s | 12h11m36s | 12h12m42s |
| Moon Rise/ Set | 11:51AM 1:02AM | 12:45PM 1:55AM | 12:45PM 1:55AM |
| Moon Phase/ illu | Waxing Gibbous, 54% | Waxing Gibbous, 64% | Waxing Gibbous, 64% |
| NauticalTwilight | 05:10, 18:51 | 05:10, 18:51 | 05:10, 18:51 |
| Civil Twilight | 05:36, 18:25 | 05:36, 18:25 | 05:36, 18:25 |
| Humidity | D : 66% N : 78% | D : 66% N : 78% | D : 66% N : 78% |
| Barometer (mb) | 1007 | 1007 | 1007 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 2% | 2% | 2% |
| Wind (km/hr) | 14 Km/h, NW | 14 Km/h, NW | 14 Km/h, NW |

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



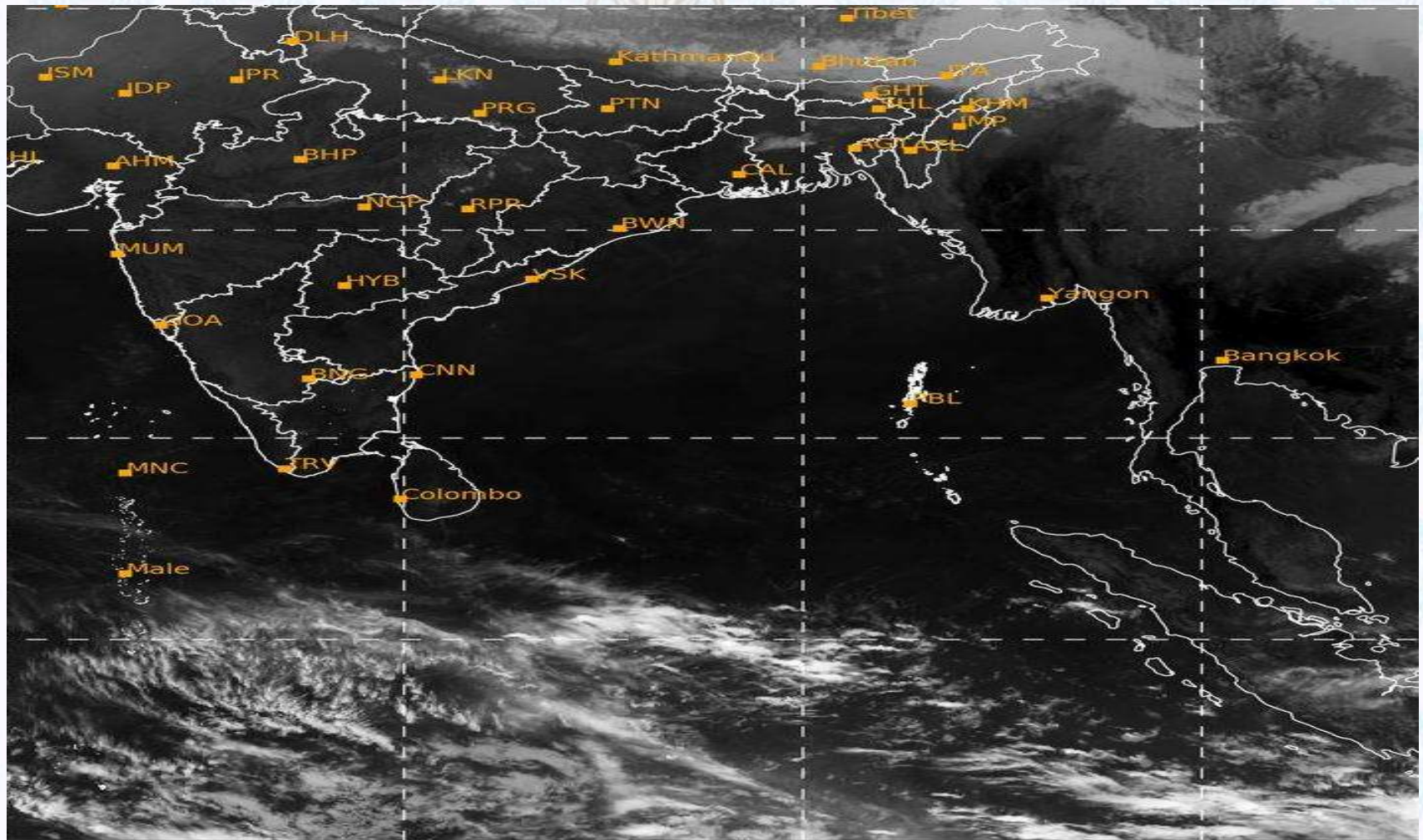
GENERAL WEATHER FORECAST – KHULNA

| Description | 22 Mar 2021 | 23 Mar 2021 | 24 Mar 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature(C) | 36°C/ 24°C | 36°C/ 25°C | 36°C/ 25°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 6h03m36s/ 18h14m06s | 6h02m48s/ 18h14m30s | 6h02m00s/ 18h14m48s |
| Day Length | 12h 10m 30s | 12h 11m 42s | 12h 12m 48s |
| Moon Rise/Set | 11:51AM 1:02AM | 12:45PM 1:55AM | 12:45PM 1:55AM |
| Moon Phase/illu | Waxing Gibbous, 54% | Waxing Gibbous, 64% | Waxing Gibbous, 64% |
| Nautical Twilight | 05:19, 19:00 | 05:19, 19:00 | 05:19, 19:00 |
| Civil Twilight | 05:45, 18:34 | 05:45, 18:34 | 05:45, 18:34 |
| Humidity | D : 54% N : 76% | D : 54% N : 76% | D : 54% N : 76% |
| Barometer (mb) | 1007 | 1007 | 1007 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 4% | 4% | 4% |
| Wind (km/hr) | 8 Km/h, NW | 9 Km/h, N | 9 Km/h, N |

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



SATELLITE VIEW OF BAY OF BENGAL

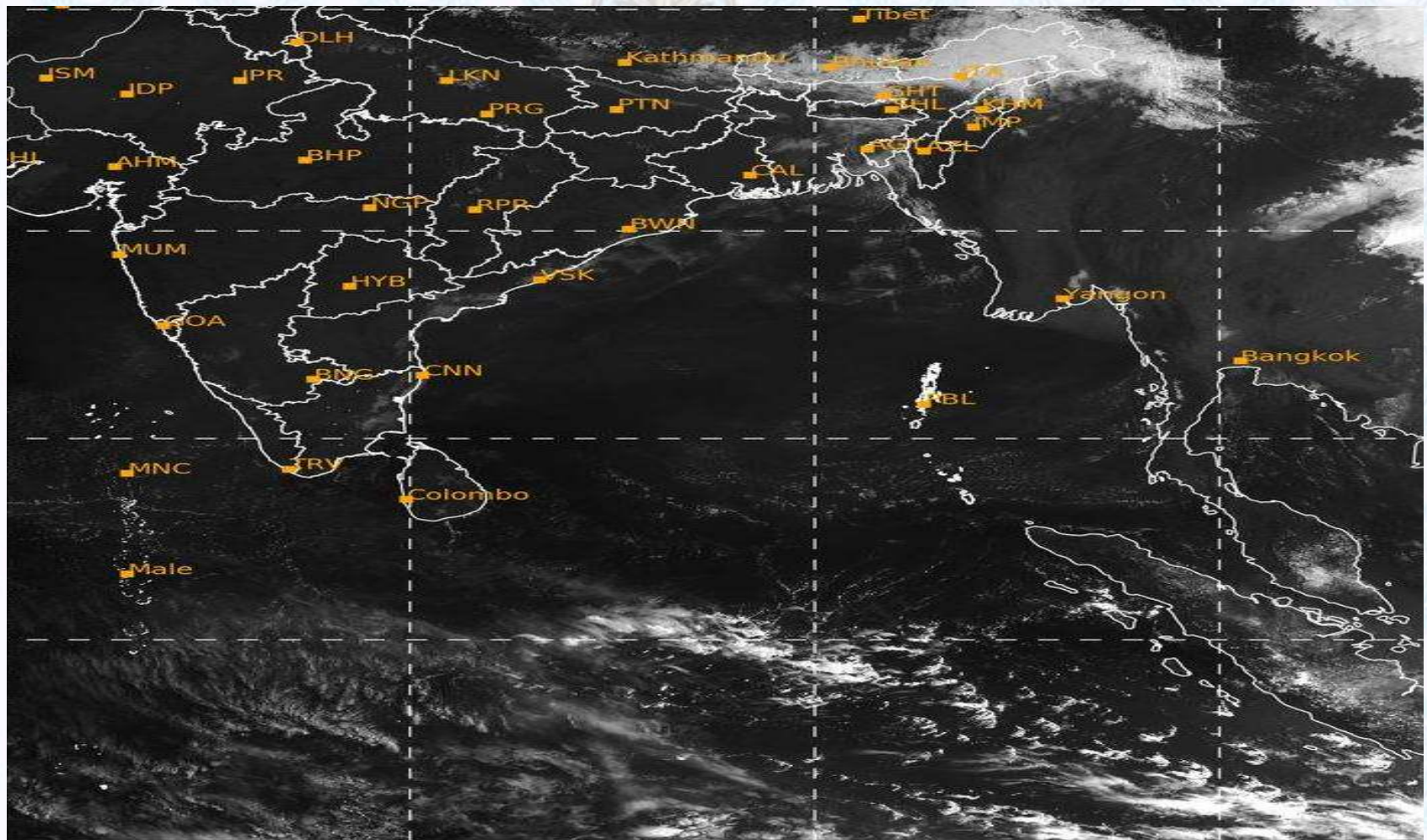


21/03/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



21/03/2021, 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 21.03.2021)

| | | |
|-------------------|-----------------------------------|--|
| Part One | NO STORM WARNING. | |
| Part Two | SEASONAL LOW LIES OVER SOUTH BAY. | |
| Part Three | Weather | TEMPORARY PARTLY CLOUDY OVER AREA C-90. |
| | Wind | WEST/NORTH-WESTERLY 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 =1010 HPA |



Inland River Port Warning (VALID TILL 06 PM OF 21.03.2020)

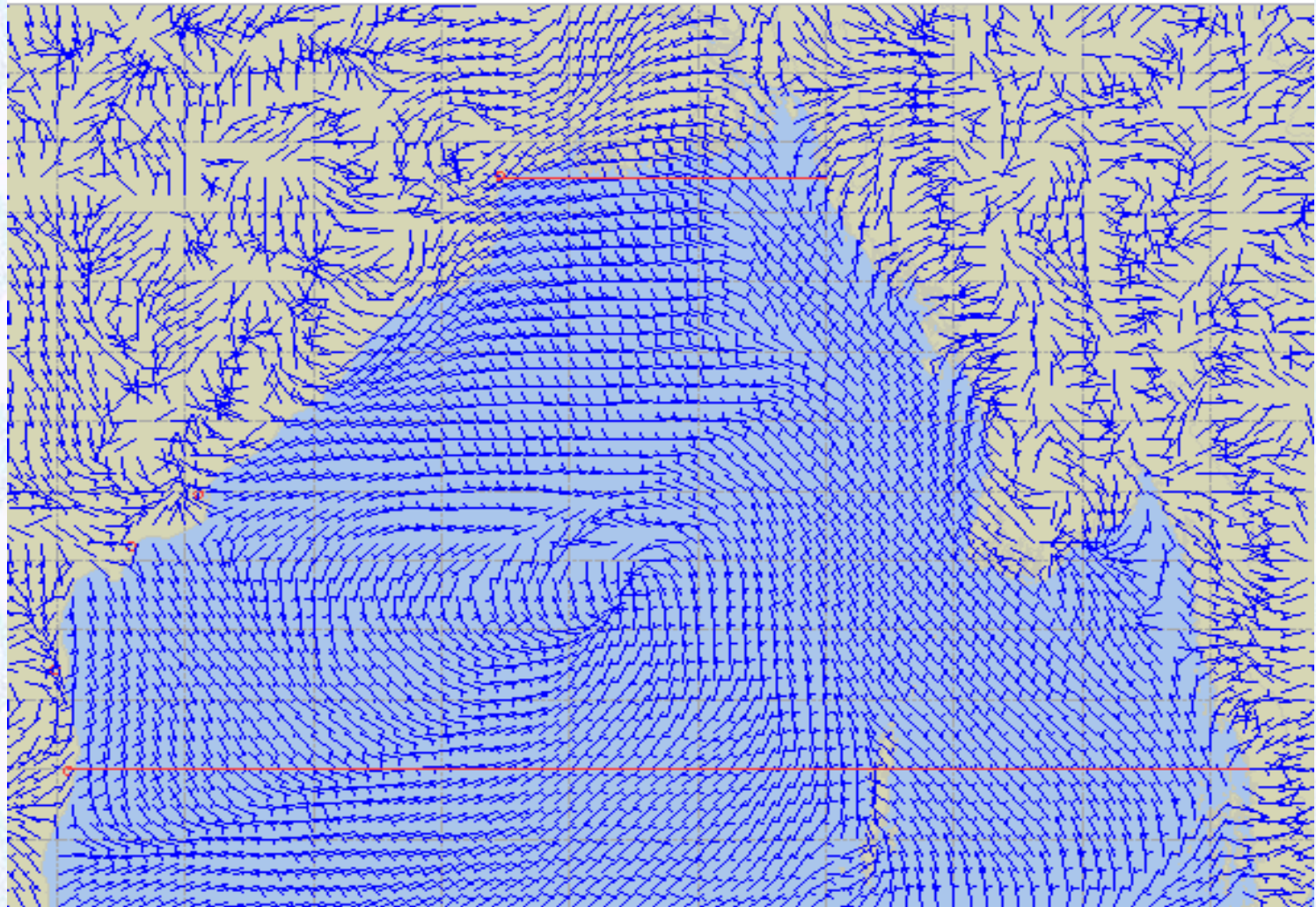
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 22 Mar - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



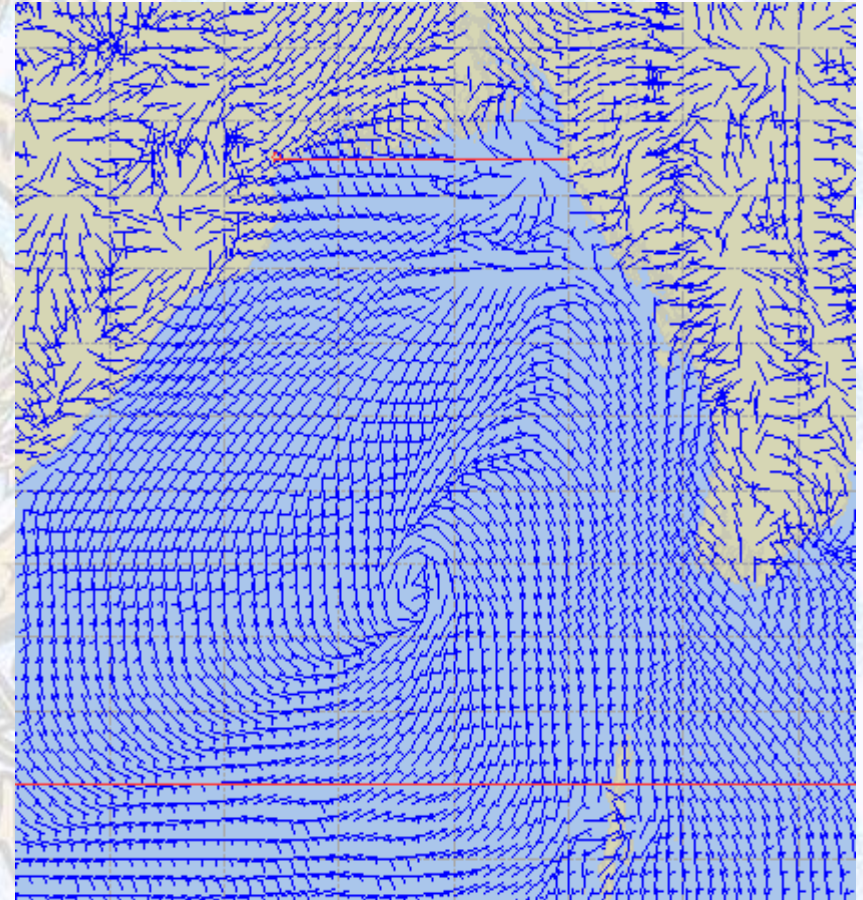
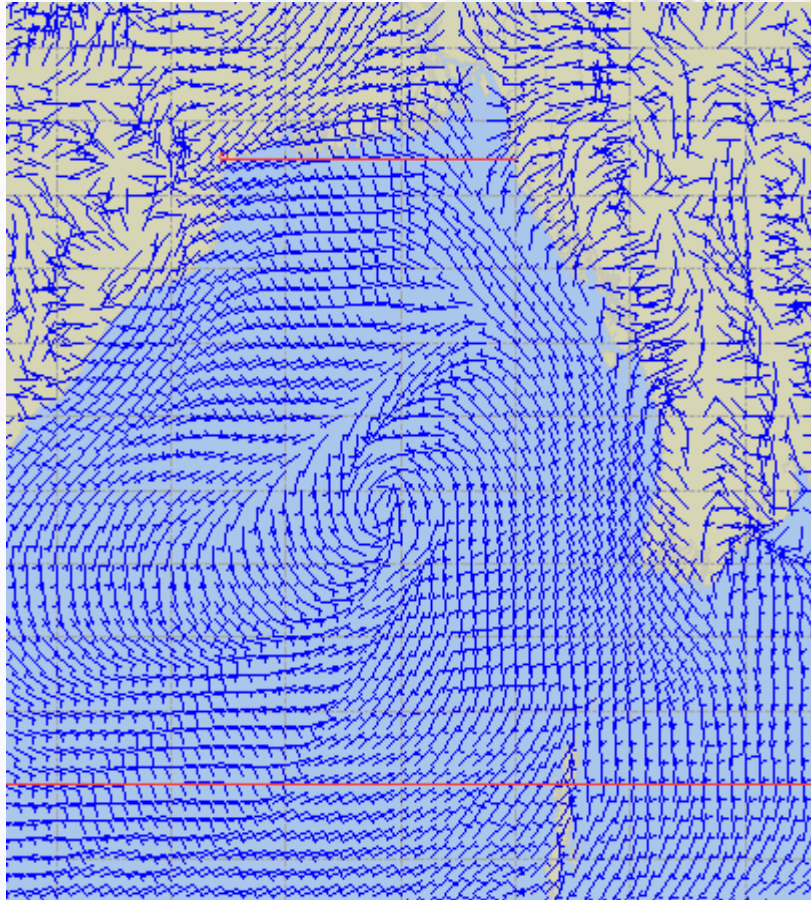
60 Knots



Surface Wind Forecast – 23 & 24 Mar - 2021

23 Mar 21 Tuesday

24 Mar 21 Wednesday



Legend:



Calm
Winds



5 Knots



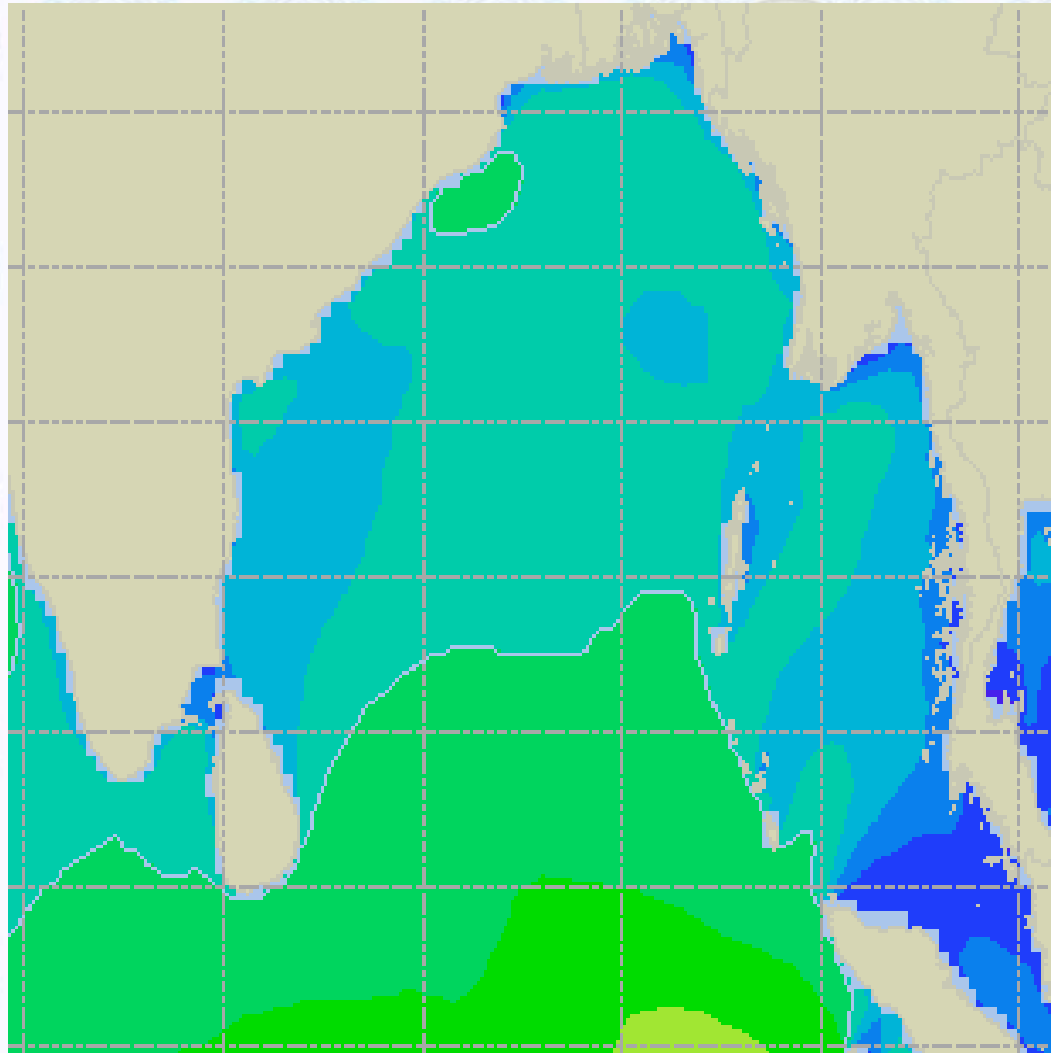
10 Knots



60 Knots



Sea State Forecast – 22 Mar - 2021



| Sea State | Ht (m) |
|-----------|----------|
| 0 | 0 |
| 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 |

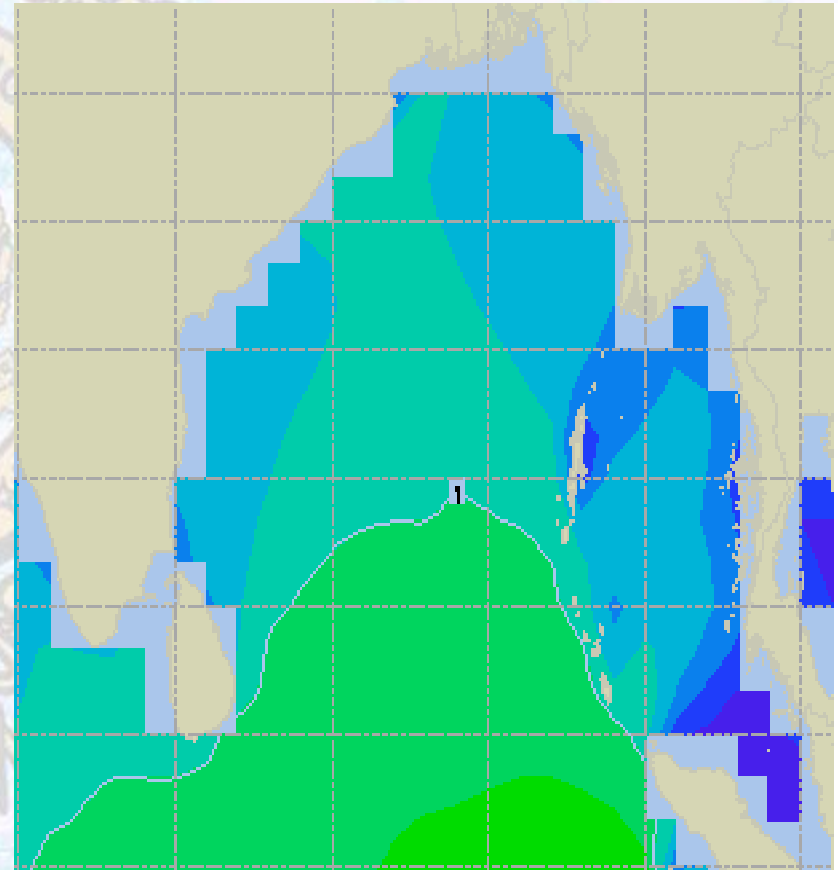
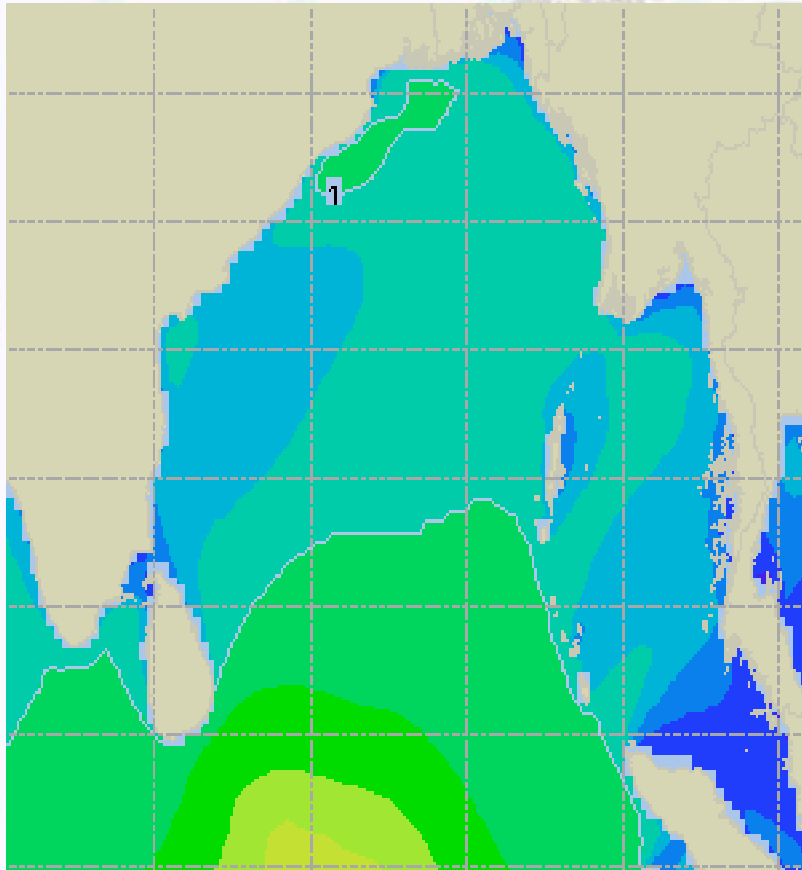




Sea State Forecast – 23 & 24 Mar - 2021

23 Mar 21 Tuesday

24 Mar 21 Wednesday

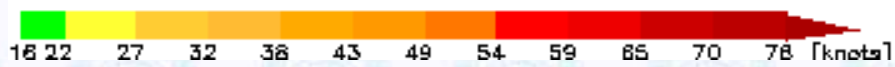
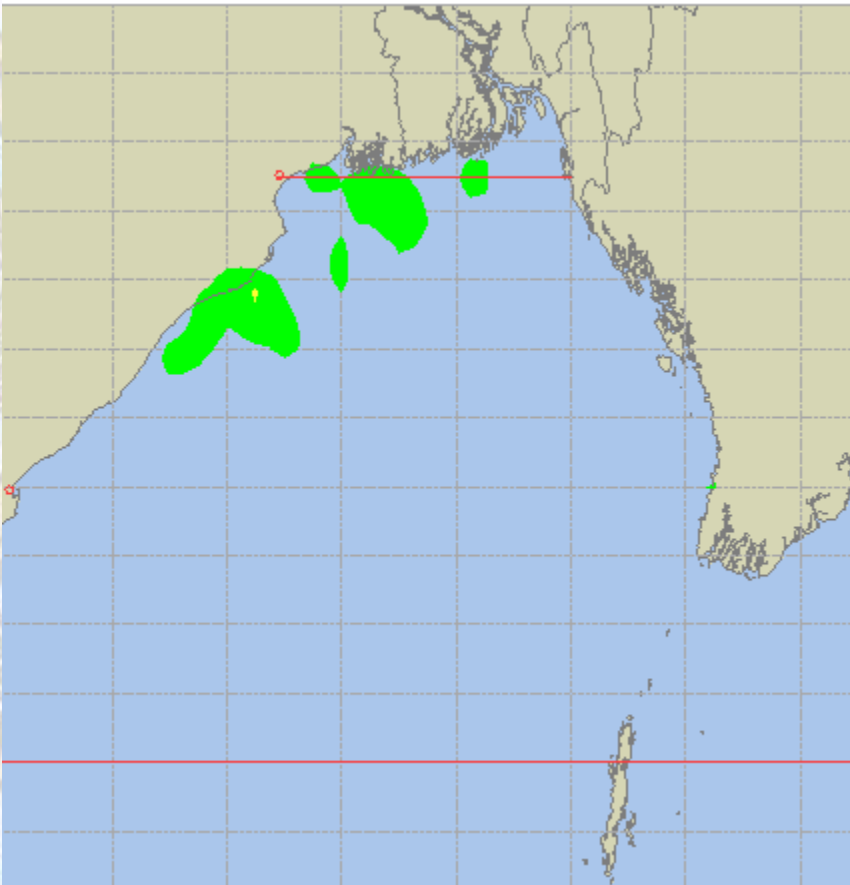
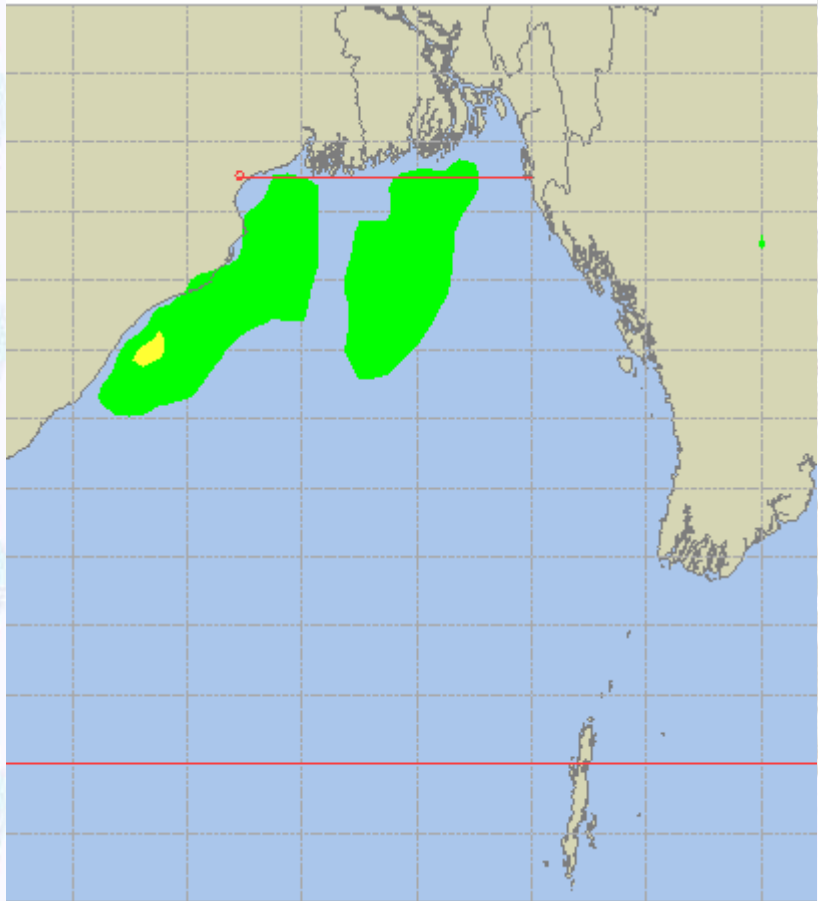




Peak Gusting Possibilities– 22 & 23 Mar 2021

22 Mar 21 Monday

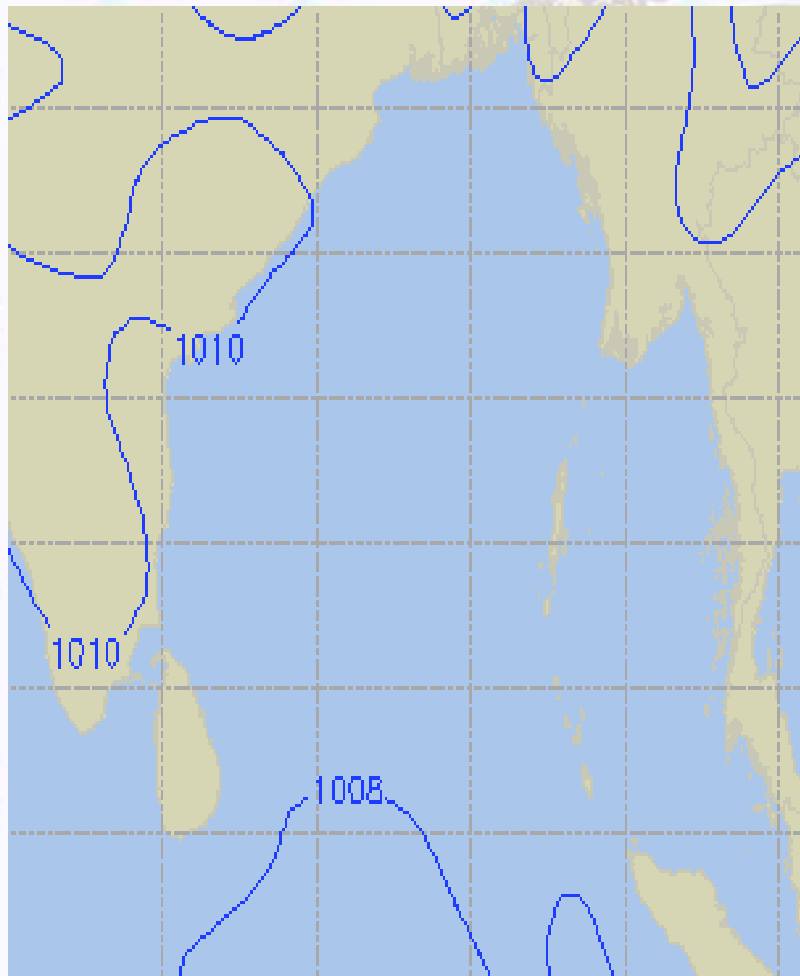
23 Mar 21 Tuesday



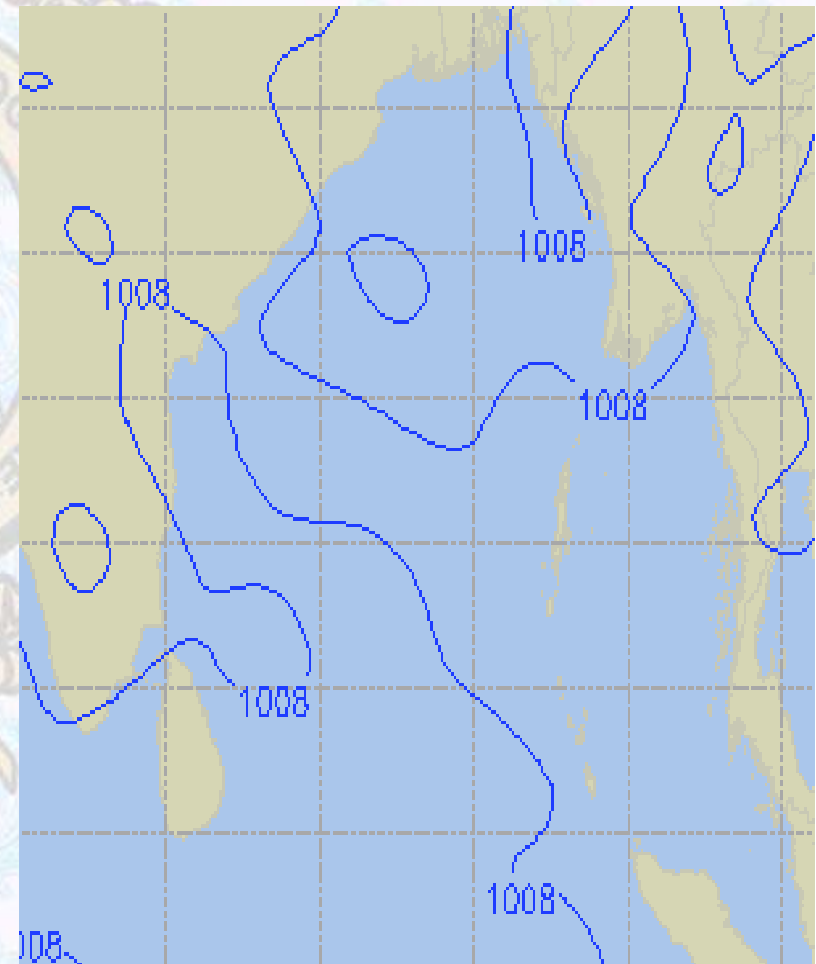


Surface Pressure forecast – 22 & 23 Mar 2021

22 Mar 21 Monday



23 Mar 21 Tuesday

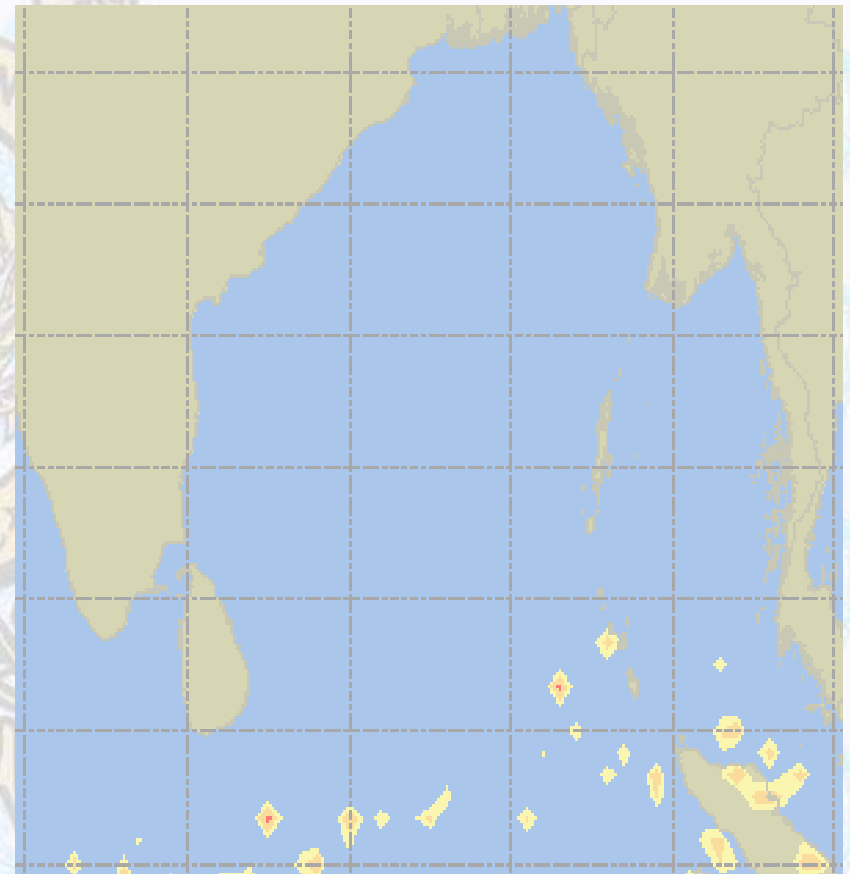
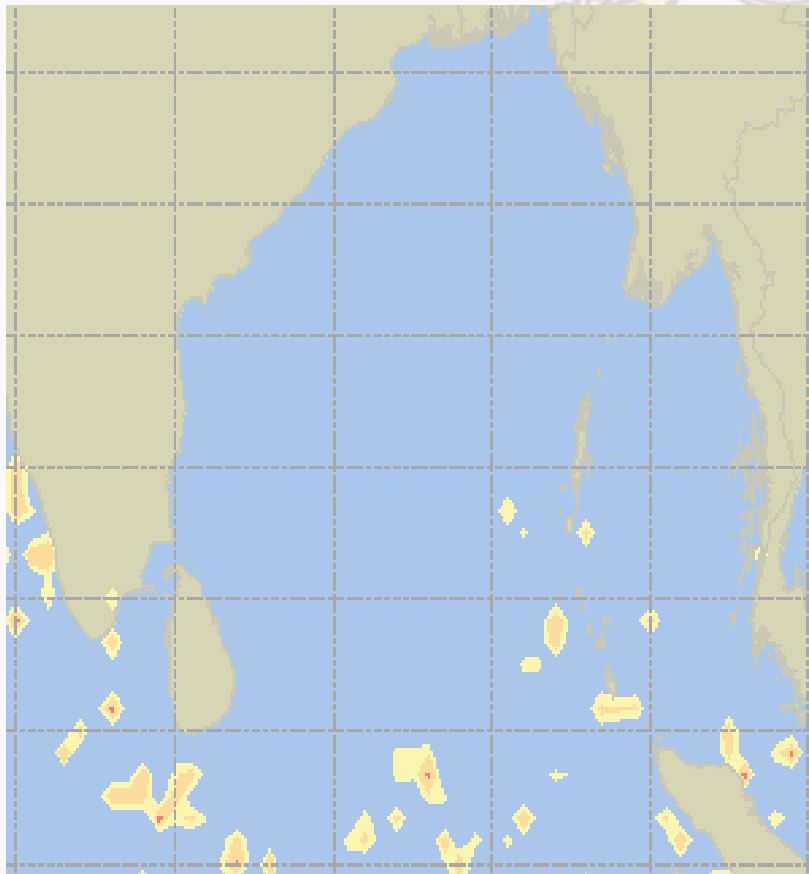




Visibility at Sea Forecast – 22 & 23 Mar 2021

22 Mar 21 Monday

23 Mar 21 Tuesday



Visibility Scale:



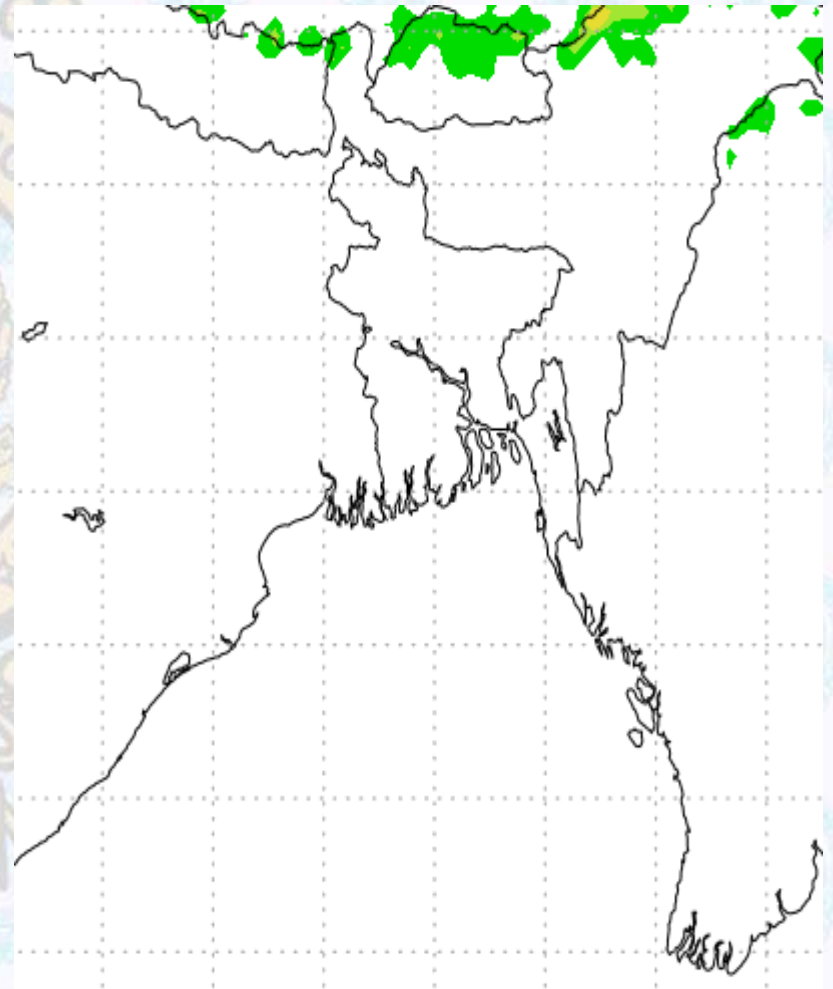
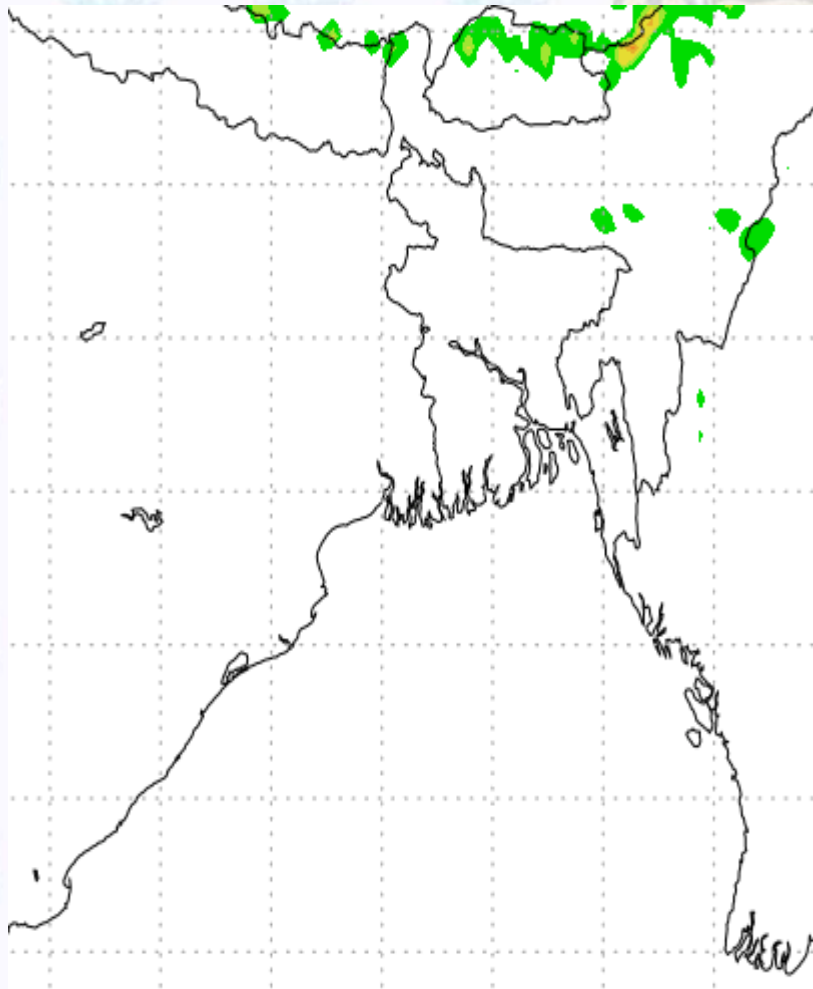
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 22 & 23 Mar 21

Rain(mm) 23 & 24 Mar 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | Time | Height | | Time | Height | | Time | Height |
|--------------------|------|--------|--|------|--------|--|------|--------|
| | | 0023 | | 1.31 | | | 0353 | 2.03 |
| 22 Mar 2021 | 0633 | 2.93 | | 1006 | 0.95 | | 0955 | 1.13 |
| | 1238 | 1.36 | | 1646 | 2.20 | | 1641 | 2.15 |
| | 1916 | 3.33 | | 2317 | 1.08 | | 2330 | 1.33 |
| | | | | | | | | |
| | Time | Height | | Time | Height | | Time | Height |
| | | 0156 | | 1.46 | | | 0517 | 1.91 |
| 23 Mar 2021 | 0806 | 2.85 | | 1136 | 1.07 | | 1137 | 1.20 |
| | 1410 | 1.51 | | 1828 | 2.24 | | 1822 | 2.18 |
| | 2042 | 3.40 | | - | - | | - | - |
| | | | | | | | | |
| | Time | Height | | Time | Height | | Time | Height |
| | | 0346 | | 1.35 | | | 0116 | 1.05 |
| 24 Mar 2021 | 0946 | 3.06 | | 0710 | 2.02 | | 0723 | 1.95 |
| | 1550 | 1.42 | | 1323 | 1.02 | | 1315 | 1.10 |
| | 2158 | 3.64 | | 1949 | 2.48 | | 1949 | 2.35 |
| | | | | | | | | |