



WEATHER FORECAST FOR BN

31 MAR - 03 APR 2021





WEATHER FORECAST – DHAKA

31.03.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|------------|-----------|----------|
| Temp. / Dew Point | 34 / 24 | 35 / 22 | 31 / 23 | 29 / 24 |
| Wind | 23 km/h SSW | 22 km/h SW | 16 km/h S | 16 m/h S |
| Humidity | 54% | 47% | 60% | 76% |
| Chance of Precip | 39% | 9% | 1% | 6% |
| Cloud Cover | 53% | 28% | 1% | 6% |
| Conditions | Cloudy | Cloudy | Clear | Clear |
| Sunrise Sunset | 05: 52 AM 18: 14 PM | | | |

Conditions

Pressure : 998 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

31.03.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-----------|-----------|-----------|-------------|
| Temp. / Dew Point | 31 / 25 | 30 / 26 | 29 / 27 | 28 / 26 |
| Wind | 24 km/h S | 25 km/h S | 26 km/h S | 24 km/h SSE |
| Humidity | 73% | 77% | 90% | 88% |
| Chance of Precip. | 2% | 2% | 5% | 14% |
| Cloud Cover | 25% | 56% | 29% | 46% |
| Conditions | Cloudy | Cloudy | Cloudy | Cloudy |
| Sunrise | 05: 47 AM | | | |
| Sunset | 18: 07 PM | | | |

Conditions

Pressure : 1001 hpa

Visibility : 02.22 Km

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



WEATHER FORECAST – KHULNA

31.03.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|------------------------|-------------|-------------|----------|
| Temp. / Dew Point | 38 / 20 | 37 / 21 | 31 / 25 | 29 / 25 |
| Wind | 22 km/h SW | 21 km/h SSW | 15 km/h SSW | 14 m/h S |
| Humidity | 37% | 39% | 70% | 82% |
| Chance of Precip. | 4% | 1% | 2% | 6% |
| Cloud Cover | 8% | 5% | 1% | 2% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 05: 56 AM 18: 17 PM | | | |

Conditions

Pressure : 995 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 01 Apr 2021 | 02 Apr 2021 | 03 Apr 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 37°C/ 27°C | 35°C/ 26°C | 35°C/ 24°C |
| Summary | Sunny | Partly Cloudy | Sunny |
| Sun Rise/Set | 5h 50m30s/18h14m42s | 5h 49m36s/18h15m00s | 5h 48m36s/18h15m00s |
| Day Length | 12h24m12s | 12h25m24s | 12h25m24s |
| Moon Rise/ Set | 10:14PM 8:29AM | 11:21PM 9:19AM | - 10:13AM |
| Moon Phase/ illu | Waning Gibbous, 82% | Waning Gibbous, 72% | Waning Gibbous, 61% |
| Nautical Twilight | 05:40, 18:11 | 05:40, 18:11 | 05:40, 18:11 |
| Civil Twilight | 06:08, 17:49 | 06:09, 17:49 | 06:09, 17:49 |
| Humidity | D : 53% N : 73% | D : 62% N : 72% | D : 57% N : 67% |
| Barometer (mb) | 1000 | 1002 | 1005 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 6% | 10% | 25% |
| Wind (km/hr) | 15 Km/h, SSW | 12 Km/h, S | 9 Km/h, S |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 01 Apr 2021 | 02 Apr 2021 | 03 Apr 2021 |
|-------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 31°C / 26°C | 31°C / 25°C | 32°C / 24°C |
| Summary | Partly Cloudy | Partly Cloudy | Partly Cloudy |
| Sun Rise/Set | 5h45m18s/ 18h08m18s | 5h44m30s/ 18h08m36s | 5h43m36s/ 18h08m54s |
| Day Length | 12h23m00s | 12h24m06s | 12h25m18s |
| Moon Rise/ Set | 10:06PM 8:25AM | 11:12PM 9:16AM | - 10:11 AM |
| Moon Phase/ illu | Waning Gibbous, 82% | Waning Gibbous, 72% | Waning Gibbous, 61% |
| NauticalTwilight | 05:40, 18:11 | 05:40, 18:13 | 05:40, 18:13 |
| Civil Twilight | 06:08, 17:49 | 06:08, 17:49 | 06:08, 17:49 |
| Humidity | D : 84% N : 93% | D : 83% N : 96% | D : 76% N : 88% |
| Barometer (mb) | 1004 | 1006 | 1008 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 24% | 24% | 15% |
| Wind (km/hr) | 24 Km/h, S | 16 Km/h, SSW | 12 Km/h, NW |

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



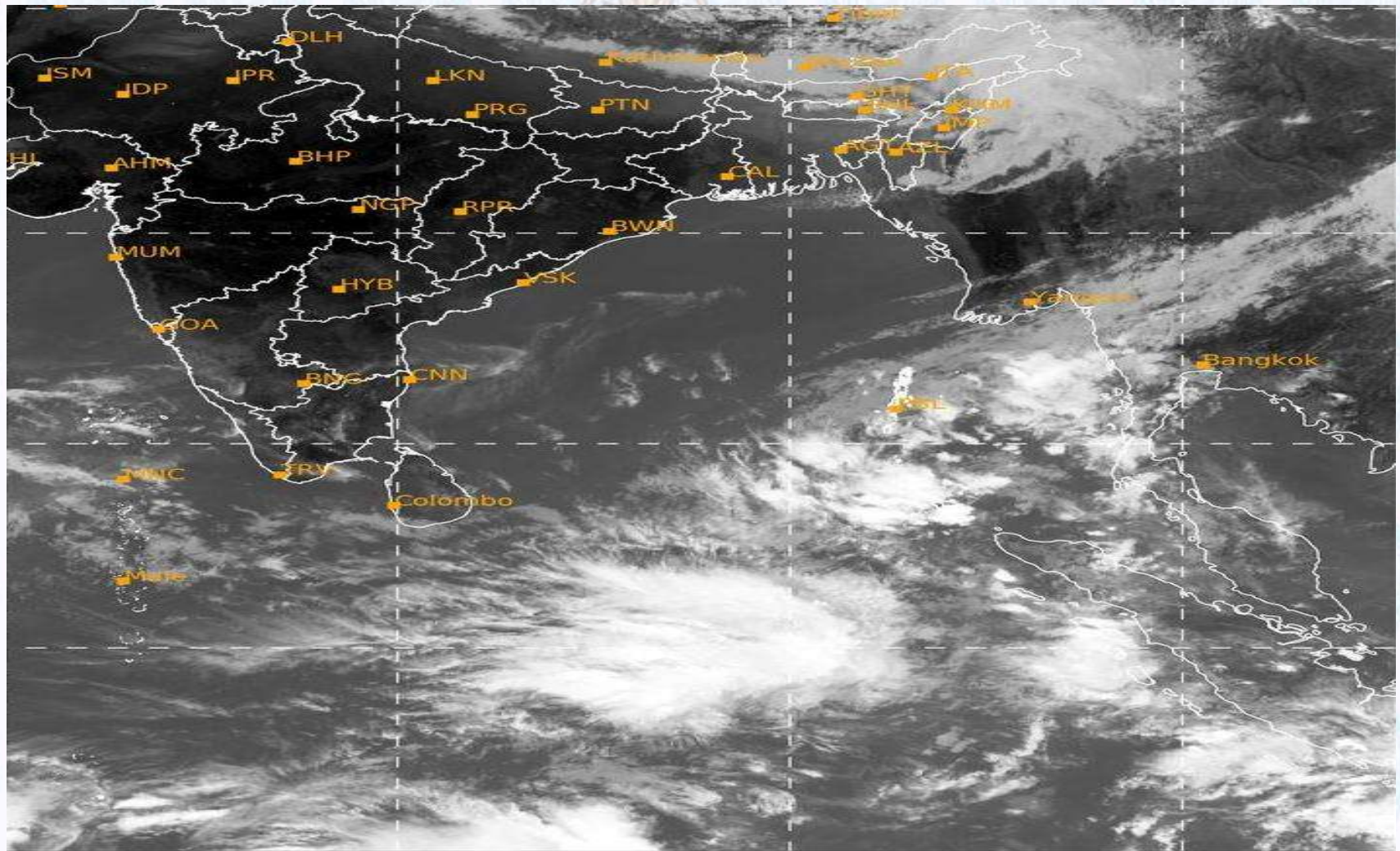
GENERAL WEATHER FORECAST – KHULNA

| Description | 01 Apr 2021 | 02 Apr 2021 | 03 Apr 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature(C) | 36°C/ 27°C | 34°C/ 26°C | 35°C/ 25°C |
| Summary | Sunny | Partly Cloudy | Sunny |
| Sun Rise/Set | 5h54m12s/ 18h17m18s | 5h53m24s/ 18h18m00s | 5h52m30s/ 18h18m00s |
| Day Length | 12h 22m 06s | 12h 24m 36s | 12h 25m 48s |
| Moon Rise/Set | 10:16PM 8:36AM | 10:16PM 8:36AM | - 10:19AM |
| Moon Phase/illu | Waning Gibbous, 82% | Waning Gibbous, 72% | Waning Gibbous, 60% |
| Nautical Twilight | 05:40, 18:11 | 05:40, 18:11 | 05:40, 18:11 |
| Civil Twilight | 06:09, 17:49 | 06:09, 17:49 | 06:09, 17:49 |
| Humidity | D : 48% N : 83% | D : 55% N : 88% | D : 55% N : 88% |
| Barometer (mb) | 1002 | 1005 | 1008 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 6% | 6% | 6% |
| Wind (km/hr) | 15 Km/h, SSW | 14 Km/h, SSW | 9 Km/h, SSW |

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



SATELLITE VIEW OF BAY OF BENGAL

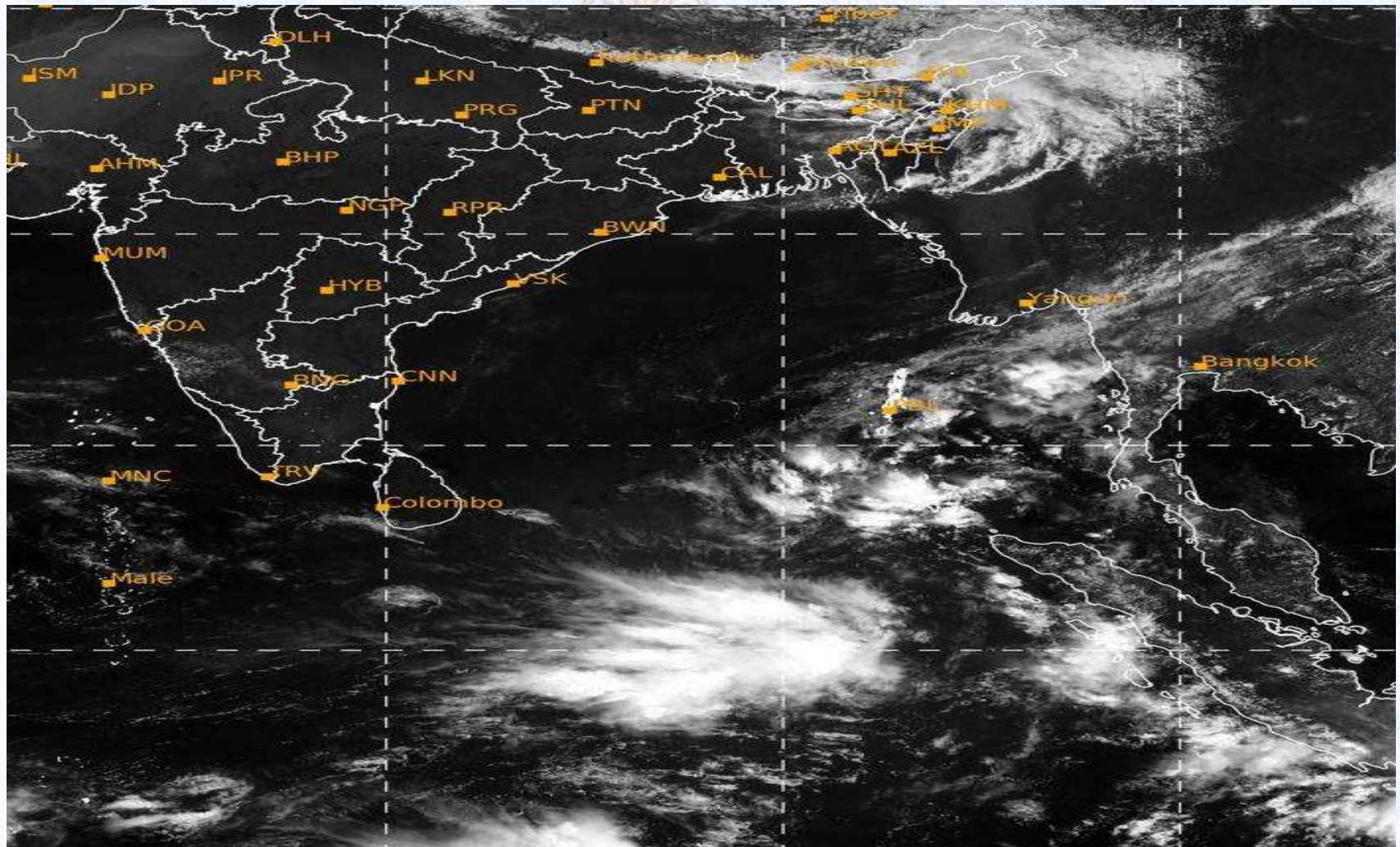


31/03/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



31/03/2021, 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 31.03.2021)

| | | |
|-------------------|-----------------------------------|--|
| Part One | NO STORM WARNING. | |
| Part Two | SEASONAL LOW LIES OVER SOUTH BAY. | |
| Part Three | Weather | TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90. |
| | Wind | SW/S'LY, 08-12 KTS. TEMPORARY GUSTING TO 22 KTS. |
| | Visibility | 03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS. |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT = 31,0000 UTC. CHATTOGRAM =1010 HPA |



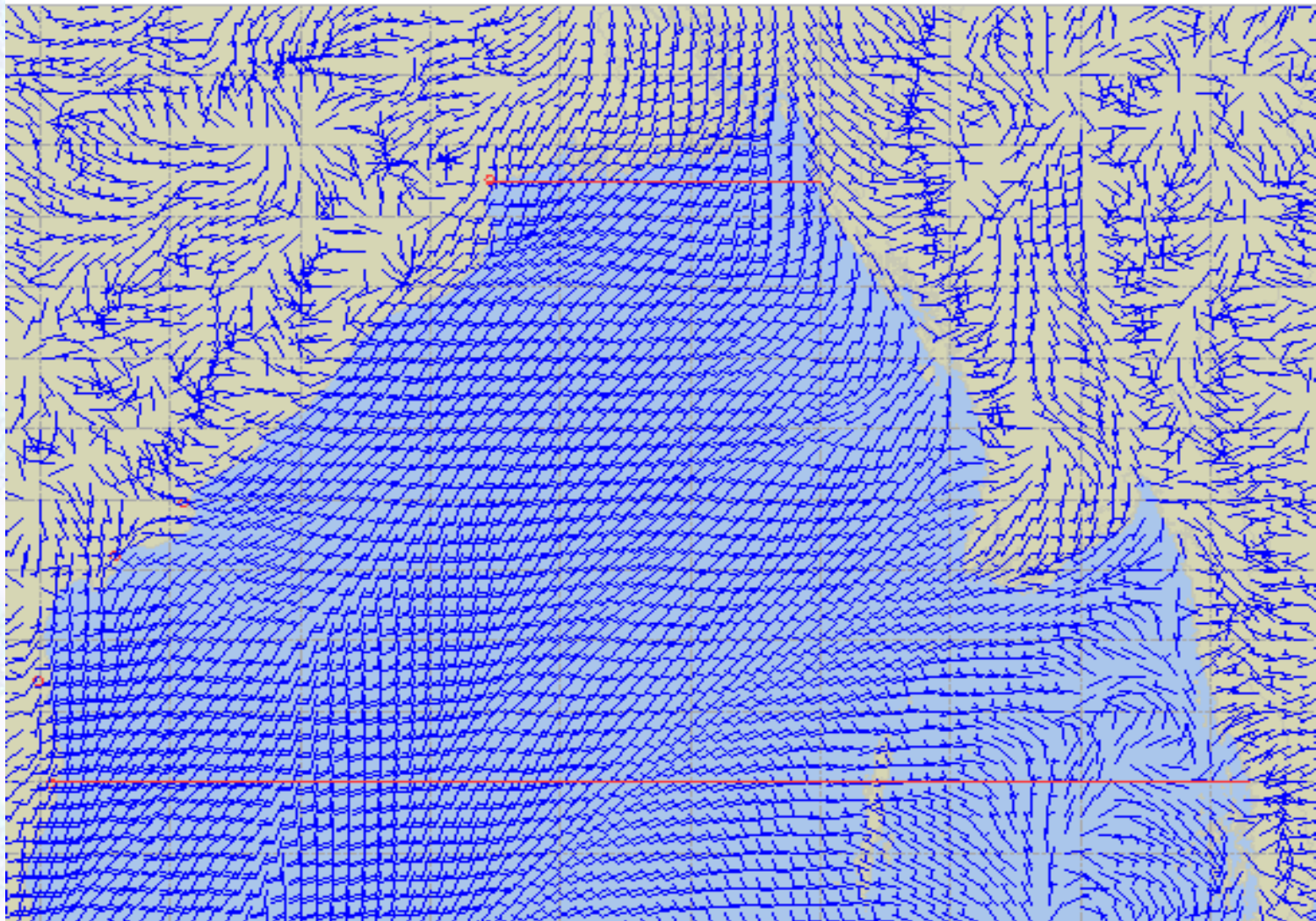
Inland River Port Warning **(VALID TILL 06 PM OF 31.03.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS
TEMPORARY **WEST/NORTH-WESTERLY GUSTY/SQUALLY** WIND
SPEED **45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS
OF MYMENSINGH AND SYLHET WHEREIN RIVERPORTS SHALL HOIST
CAUTIONARY SIGNAL **NO. ONE (R) ONE.**

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



Surface Wind Forecast- 01 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



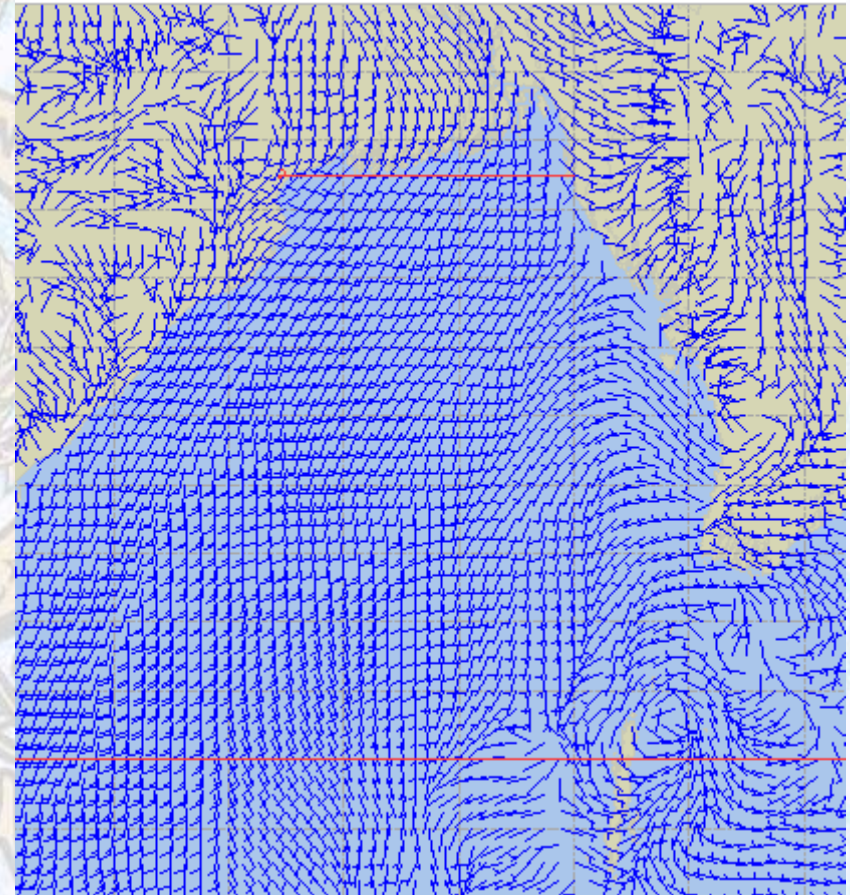
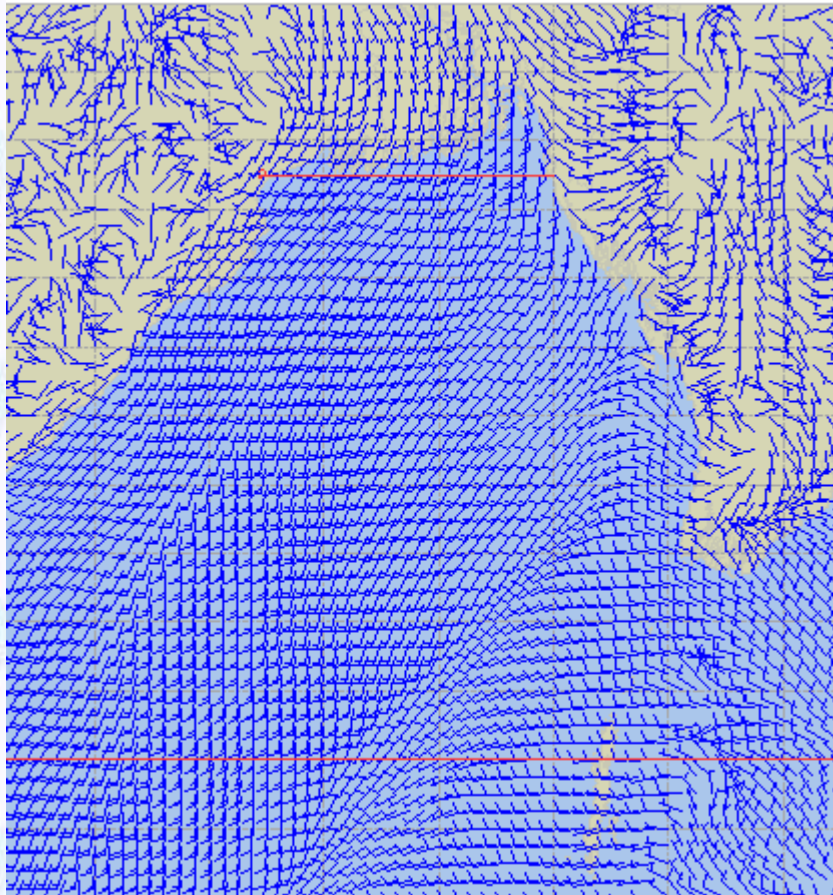
60 Knots



Surface Wind Forecast – 02 & 03 Apr - 2021

02 Apr 21 Friday

03 Apr 21 Saturday



Legend:



Calm
Winds



5 Knots



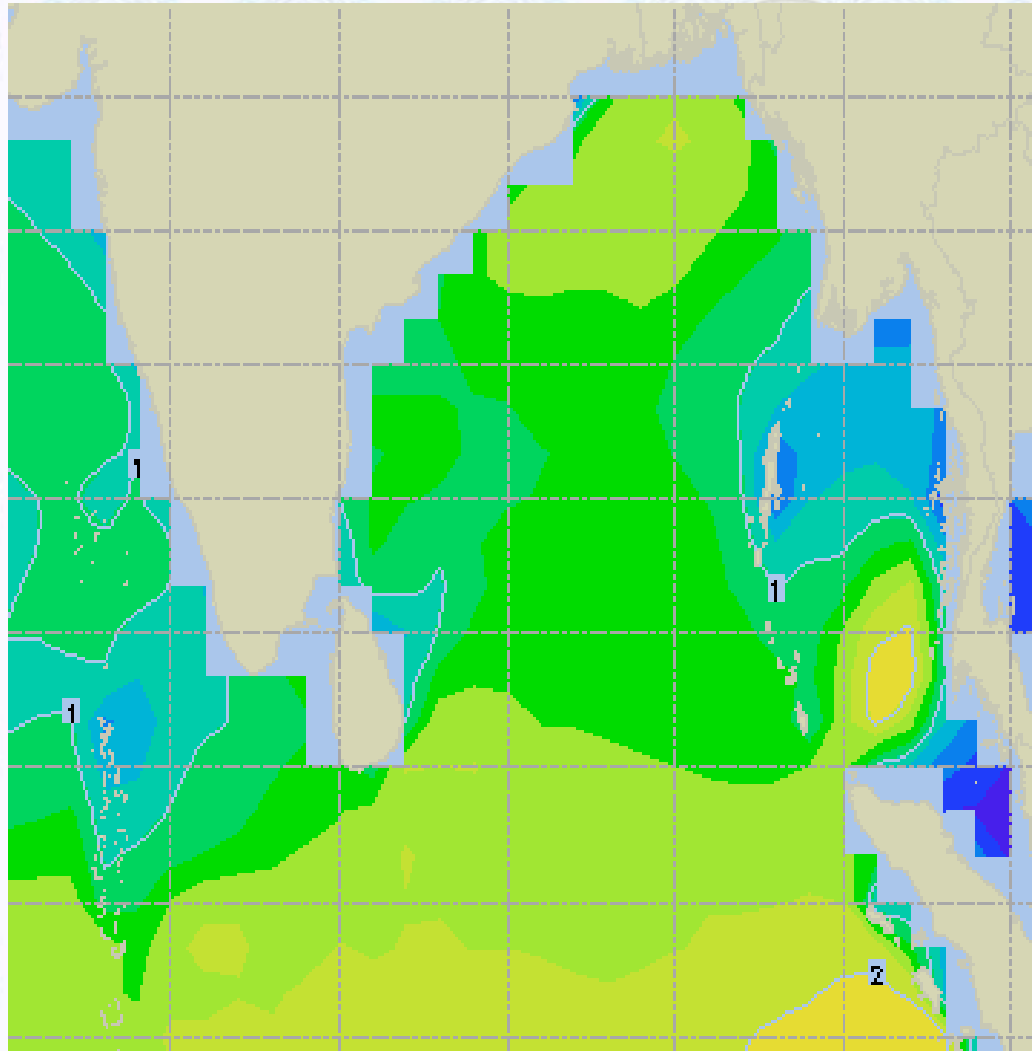
10 Knots



60 Knots



Sea State Forecast – 01 Apr - 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 |

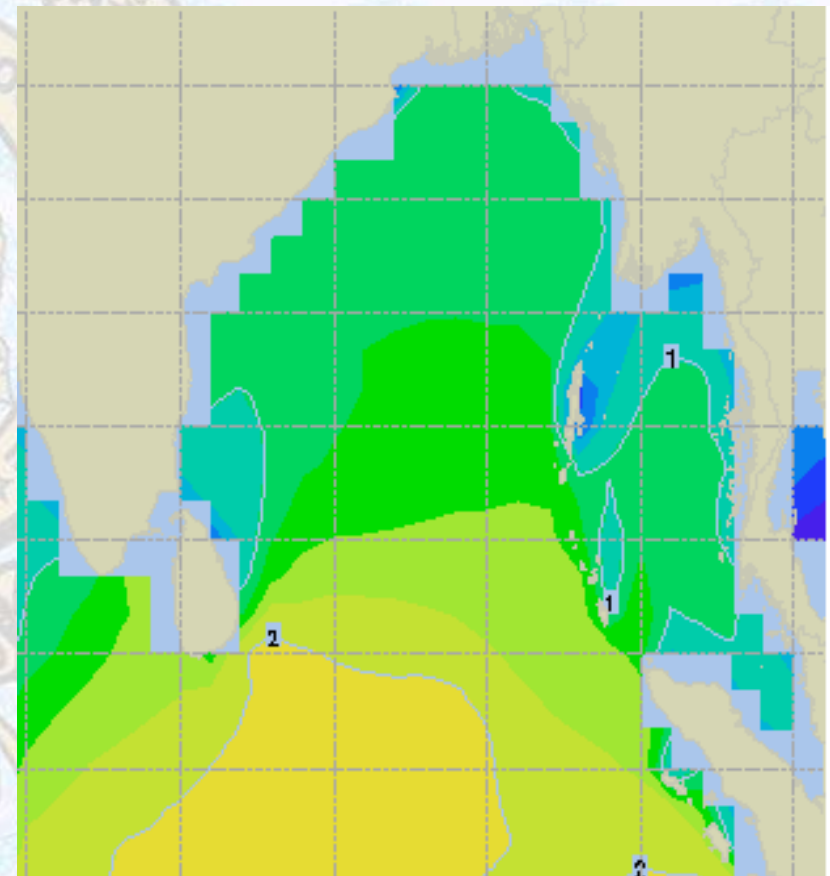
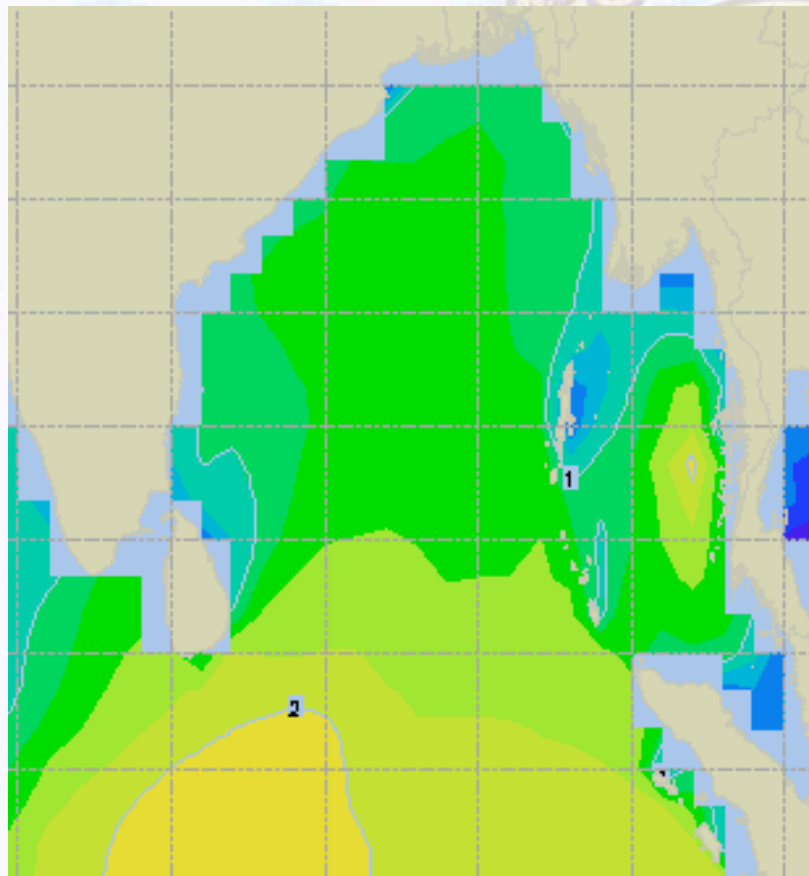




Sea State Forecast – 02 & 03 Apr - 2021

02 Apr 21 Friday

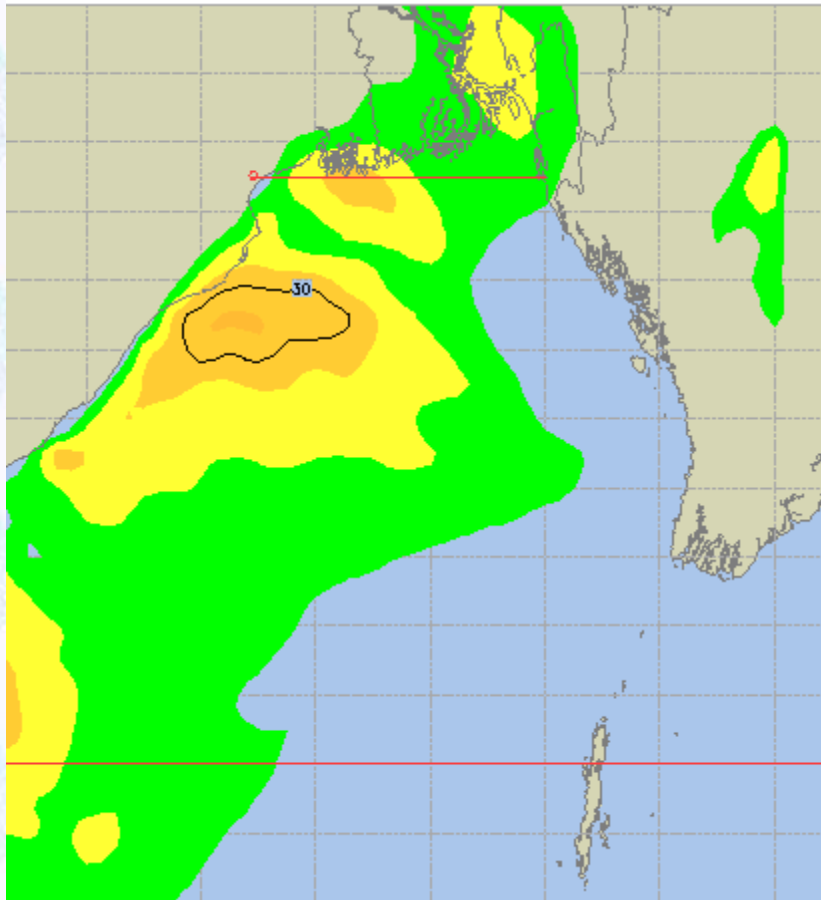
03 Apr 21 Saturday



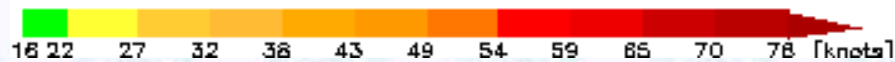
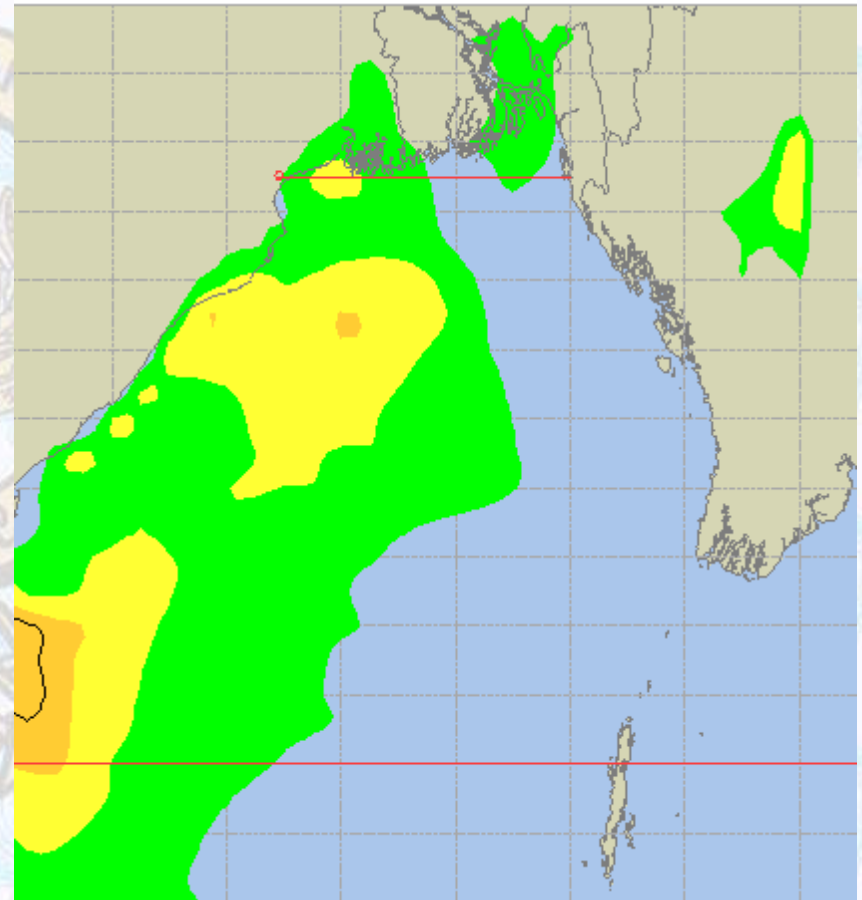


Peak Gusting Possibilities–01 & 02 Apr 2021

01 Apr 21 Thursday



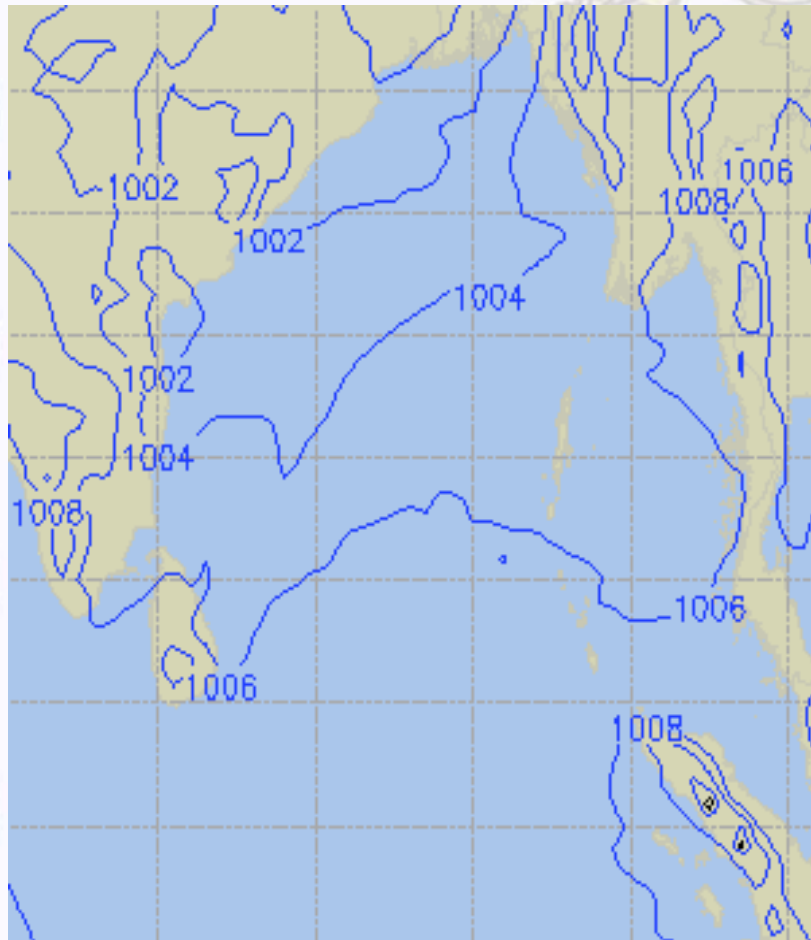
02 Apr 21 Friday



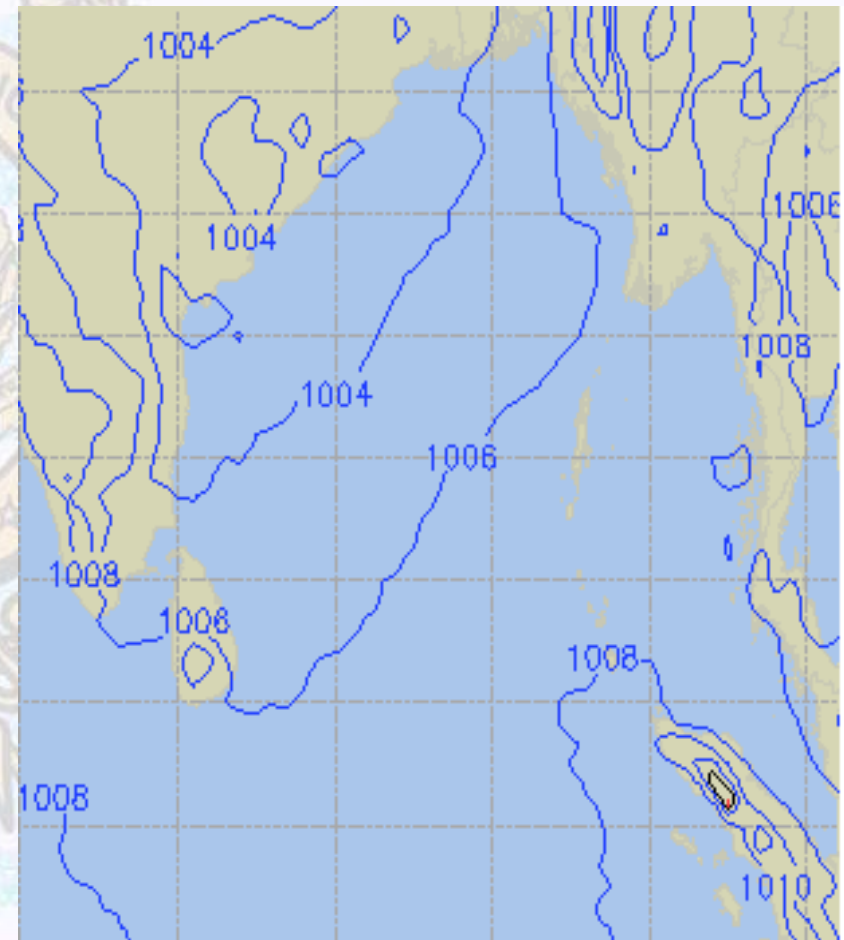


Surface Pressure forecast – 01 & 02 Apr 2021

01 Apr 21 Thursday



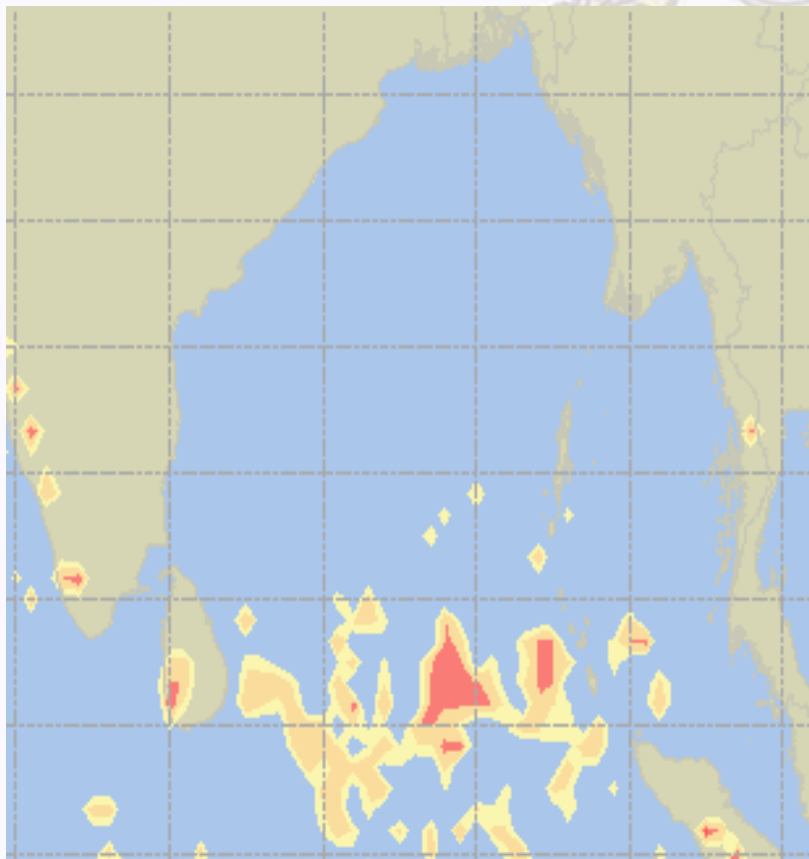
02 Apr 21 Friday



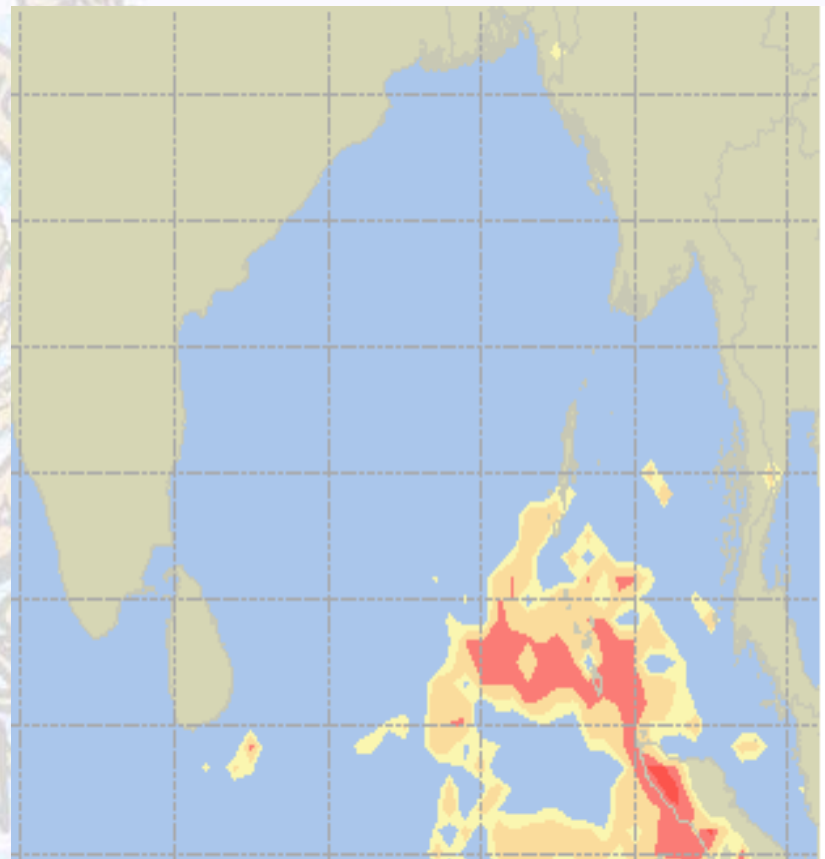


Visibility at Sea Forecast – 01 & 0 Apr 2021

31 Mar 21 Wednesday



01 Apr 21 Thursday



Visibility Scale:




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

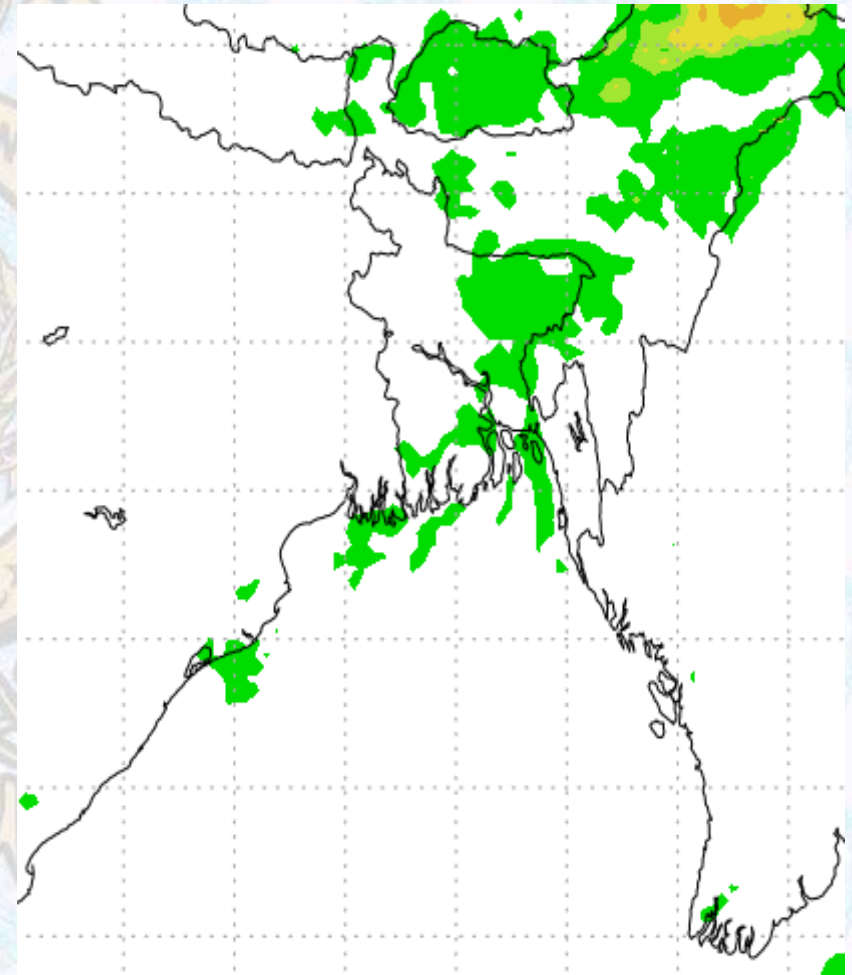


Precipitation

Rain(mm) 01 & 02 Apr 21

Rain(mm) 02 & 03 Apr 21

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Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | Time | Height | | Time | Height | | Time | Height |
|-------------|------|--------|--|------|--------|--|------|--------|
| | | 0256 | | 4.42 | | | 0040 | 3.32 |
| 01 Apr 2021 | 0936 | 0.25 | | 0714 | 0.06 | | 0659 | 0.19 |
| | 1524 | 4.55 | | 1305 | 3.40 | | 1306 | 2.95 |
| | 2204 | 0.47 | | 1939 | 0.25 | | 1928 | 0.47 |
| | | | | | | | | |
| 02 Apr 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0345 | 4.17 | | 0123 | 3.07 | | 0119 | 2.64 |
| | 1017 | 0.44 | | 0752 | 0.22 | | 0737 | 0.40 |
| | 1615 | 4.33 | | 1351 | 3.16 | | 1350 | 2.79 |
| | 2254 | 0.68 | | 2021 | 0.44 | | 2013 | 0.70 |
| 03 Apr 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0443 | 3.83 | | 0209 | 2.76 | | 0204 | 2.42 |
| | 1106 | 0.75 | | 0834 | 0.45 | | 0820 | 0.65 |
| | 1718 | 4.05 | | 1440 | 2.89 | | 1441 | 2.59 |
| | 2358 | 0.93 | | 2110 | 0.67 | | 2111 | 0.95 |