



WEATHER FORECAST FOR BN

31 MAR - 3 APR 2020



WEATHER FORECAST – DHAKA

31.03.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|----------|------------|------------|
| Temp. / Dew Point | 35 / 14 | 35 / 14 | 27 / 18 | 26 / 16 |
| Wind | 7 km/h W | 6 km/h W | 3 km/h ESE | 3 km/h SSW |
| Humidity | 33% | 40% | 56% | 66% |
| Chance of Precip | 1% | 1% | 1% | 2% |
| Cloud Cover | 8% | 4% | 1% | 1% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 5: 52 AM 6: 14 PM | | | |

Conditions

Pressure : 1008 hpa

Visibility : 12.87 km

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



WEATHER FORECAST – CHATTOGRAM

31.03.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|-------------|-------------|-----------|
| Temp. / Dew Point | 33 / 23 | 32 / 24 | 28 / 23 | 26 / 24 |
| Wind | 7 km/h WSW | 11 km/h WSW | 14 km/h WSW | 14 km/h W |
| Humidity | 55% | 63% | 76% | 85% |
| Chance of Precip. | 1% | 1% | 4% | 6% |
| Cloud Cover | 20% | 1% | 1% | 1% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 5: 47 AM 6: 06 PM | | | |

Conditions

Pressure : 1009 hpa

Visibility : 4.83 Km

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



WEATHER FORECAST – KHULNA

31.03.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|----------|-------------|-----------|
| Temp. / Dew Point | 35 / 17 | 35 / 17 | 29 / 19 | 27 / 20 |
| Wind | 5 km/h W | 9 km/h W | 11 km/h SSW | 9 km/h SW |
| Humidity | 51% | 53% | 74% | 86% |
| Chance of Precip. | 4% | 10% | 3% | 6% |
| Cloud Cover | 10% | 16% | 4% | 1% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 5: 57 AM 6: 18 PM | | | |

Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 1 Apr 2020 | 2 Apr 2020 | 3 Apr 2020 |
|-------------------------|--------------------|---------------------|---------------------|
| Temperature (C) | 34 °C/ 24 °C | 35 °C/ 25 °C | 33 °C/ 24 °C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 5h51m10s/18h16m00s | 5h52m10s/18h17m00s | 5h51m10s/18h18m00s |
| Day Length | 12h22m06s | 12h24m06s | 12h25m06s |
| Moon Rise/ Set | 11:16AM 12:18PM | 12:09AM 1:05PM | 12:39AM 1:35PM |
| Moon Phase/ illu | First Quarter, 45% | Waxing Gibbous, 56% | Waxing Gibbous, 67% |
| NauticalTwilight | 0504,1901 | 0504,1901 | 0504,1902 |
| Civil Twilight | 0530,1833 | 0530,1833 | 0531,1833 |
| Humidity | D : 31% N : 61% | D : 31% N : 61% | D : 30% N : 71% |
| Barometer (mb) | 1009 | 1009 | 1010 |
| Visibility | Good | Good | Good |
| Precip Chance | 0% | 0% | 0% |
| Wind (mph) | 14 Km/h WSW | 14 Km/h WSW | 13 Km/h WSW |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 1 Apr 2020 | 2 Apr 2020 | 3 Apr 2020 |
|-------------------------|--------------------|---------------------|---------------------|
| Temperature (C) | 33°C/ 24°C | 33°C/ 24°C | 33°C/ 24°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 5h46m34s/18h08m02s | 5h45m34s/18h09m02s | 5h44m34s/18h10m02s |
| Day Length | 12h17m48s | 12h19m48s | 12h21m48s |
| Moon Rise/ Set | 11:13AM 12:09PM | 11:13AM 12:09PM | 11:43AM 12:39PM |
| Moon Phase/ illu | First Quarter, 45% | Waxing Gibbous, 56% | Waxing Gibbous, 67% |
| NauticalTwilight | 0459, 1854 | 0459, 1854 | 0459, 1855 |
| Civil Twilight | 0524, 1829 | 0524, 1829 | 0523, 1829 |
| Humidity | D : 35% N : 78% | D : 53% N : 76% | D : 54% N : 78% |
| Barometer (mb) | 1009 | 1009 | 1008 |
| Visibility | Good | Good | Good |
| Precip Chance | 0% | 0% | 0% |
| Wind (mph) | 13 Km/h SSW | 13 Km/h SSW | 14 Km/h SSW |

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



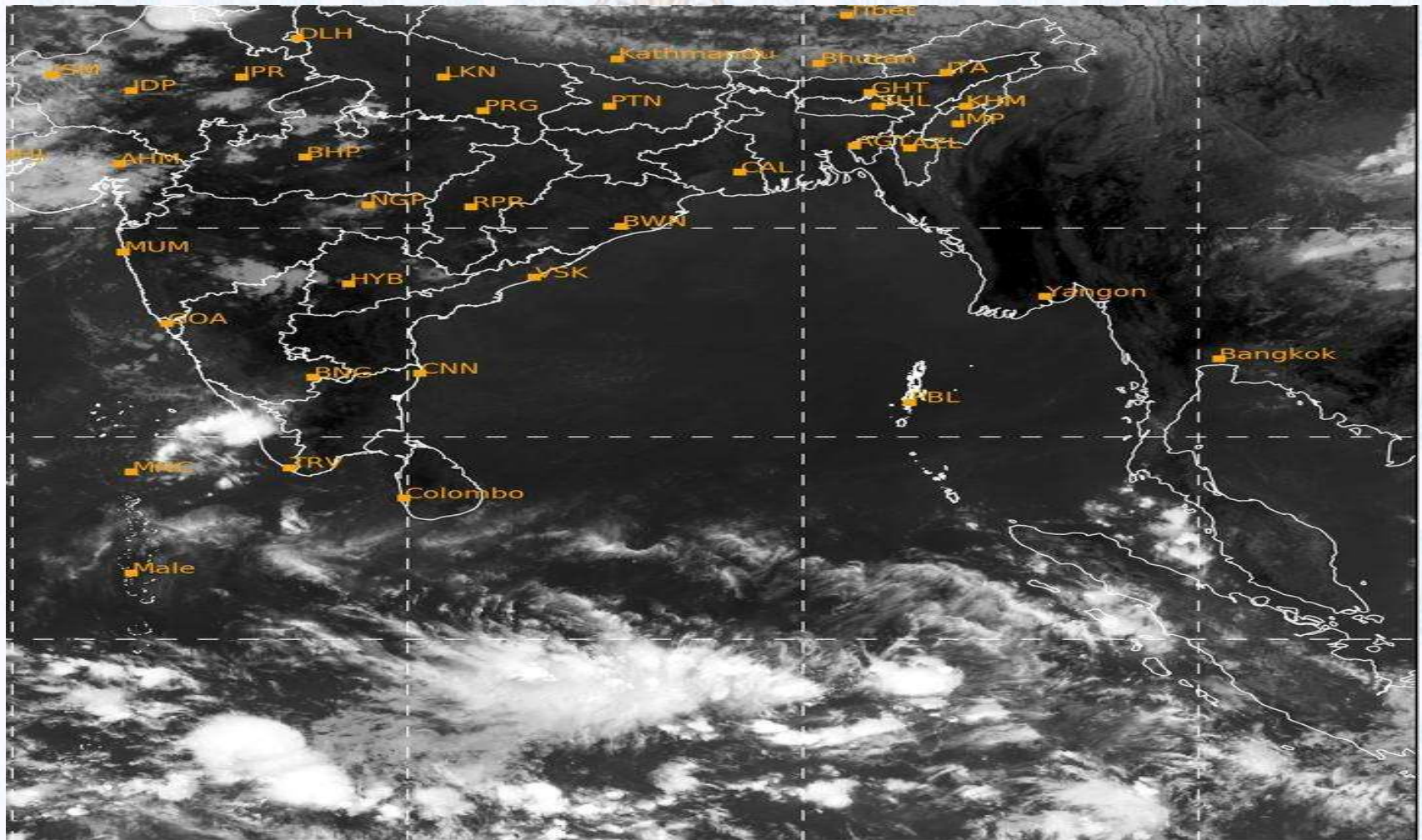
GENERAL WEATHER FORECAST – KHULNA

| Description | 1 Apr 2020 | 2 Apr 2020 | 3 Apr 2020 |
|--------------------------|--------------------|---------------------|---------------------|
| Temperature(C) | 36°C/ 24°C | 36°C/ 24°C | 36°C/ 24°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 5h56m30s/18h18m00s | 5h55m30s/18h19m00s | 5h54m30s/18h18m00s |
| Day Length | 12h21m02s | 12h22m02s | 12h24m02s |
| Moon Rise/Set | 11:23AM 12:20PM | 11:23AM 12:20PM | 11:53AM 12:50PM |
| Moon Phase/illu | First Quarter, 45% | Waxing Gibbous, 56% | Waxing Gibbous, 67% |
| Nautical Twilight | 0508, 1902 | 0508, 1902 | 0508, 1901 |
| Civil Twilight | 0534, 1836 | 0534, 1836 | 0533, 1836 |
| Humidity | D : 34% N : 71% | D : 37% N : 61% | D : 35% N : 81% |
| Barometer (mb) | 1009 | 1009 | 1008 |
| Visibility | Good | Good | Good |
| Precip Chance | 0% | 0% | 0% |
| Wind (mph) | 12 km/h NW | 12 km/h NW | 13 km/h NW |

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



SATELLITE VIEW OF BAY OF BENGAL

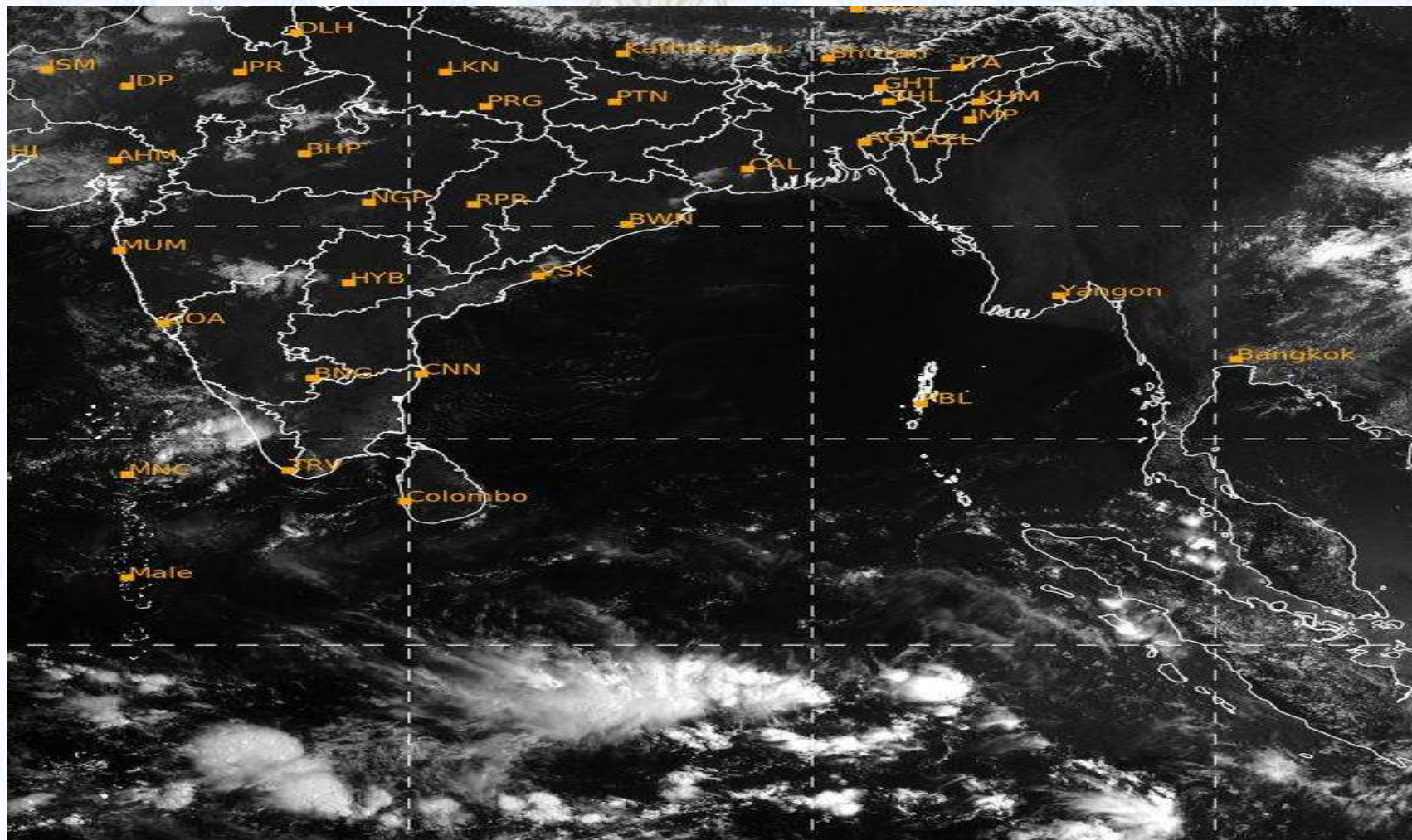


31/03/2020, 14:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



31/03/2020, 14:00 MATSAT-VIS

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 31.03.2020)

| | | |
|-------------------|-----------------------------------|---|
| 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, 08-12 KTS. |
| | Visibility | 03-05 KMS, REDUCING TO 2000 M OR LESS IN MIST/HAZE. |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT =31,0000 UTC. CHATTOGRAM =1009 HPA |



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

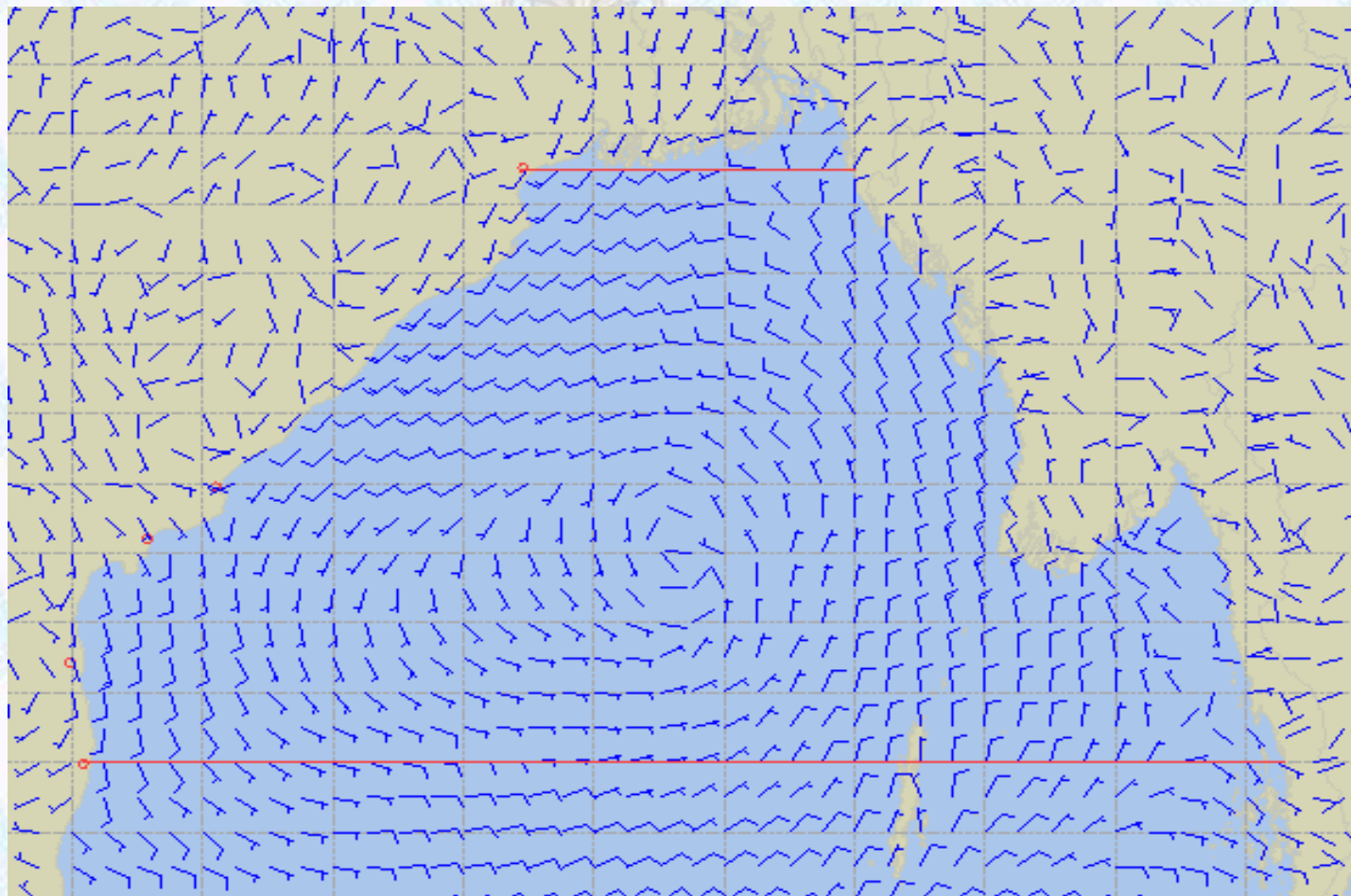
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 1 Apr - 2020



Legend:



Calm
Winds



5 Knots



10 Knots



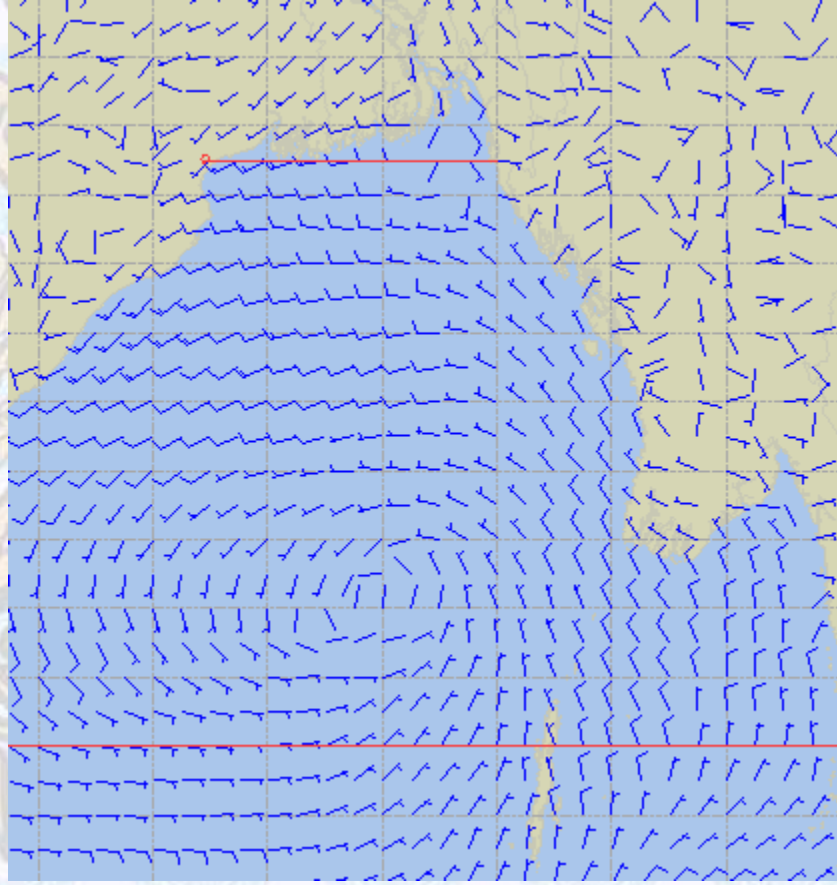
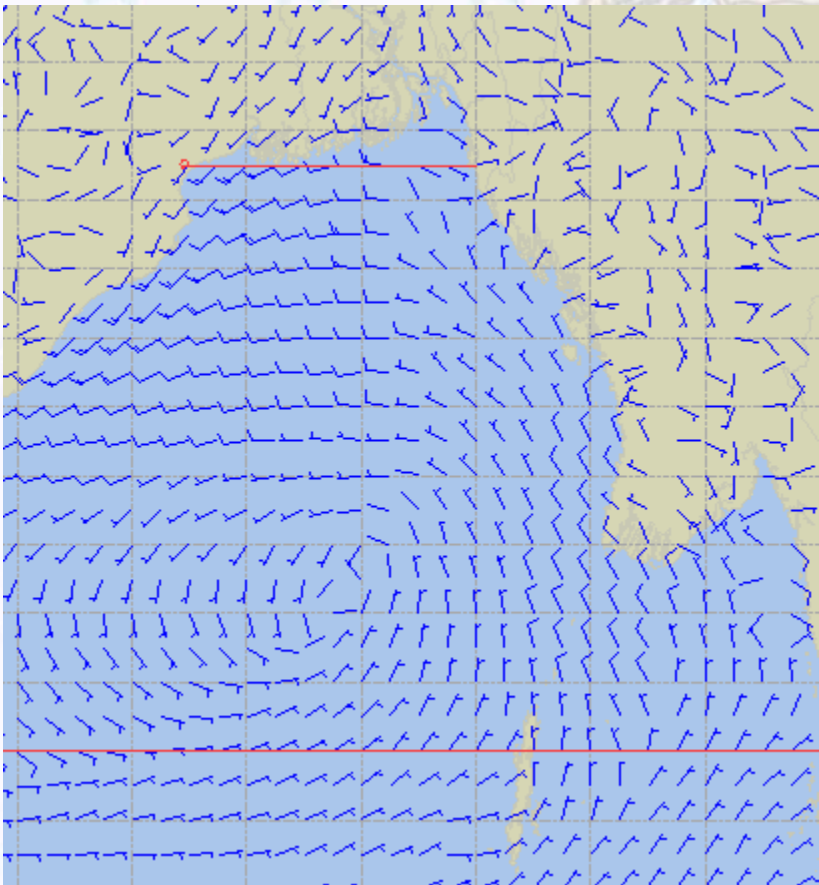
60 Knots



Surface Wind Forecast – 2 Apr & 3 Apr- 2020

2 Apr 2020 Thursday

3 Apr 2020 Friday



Legend:



5 Knots



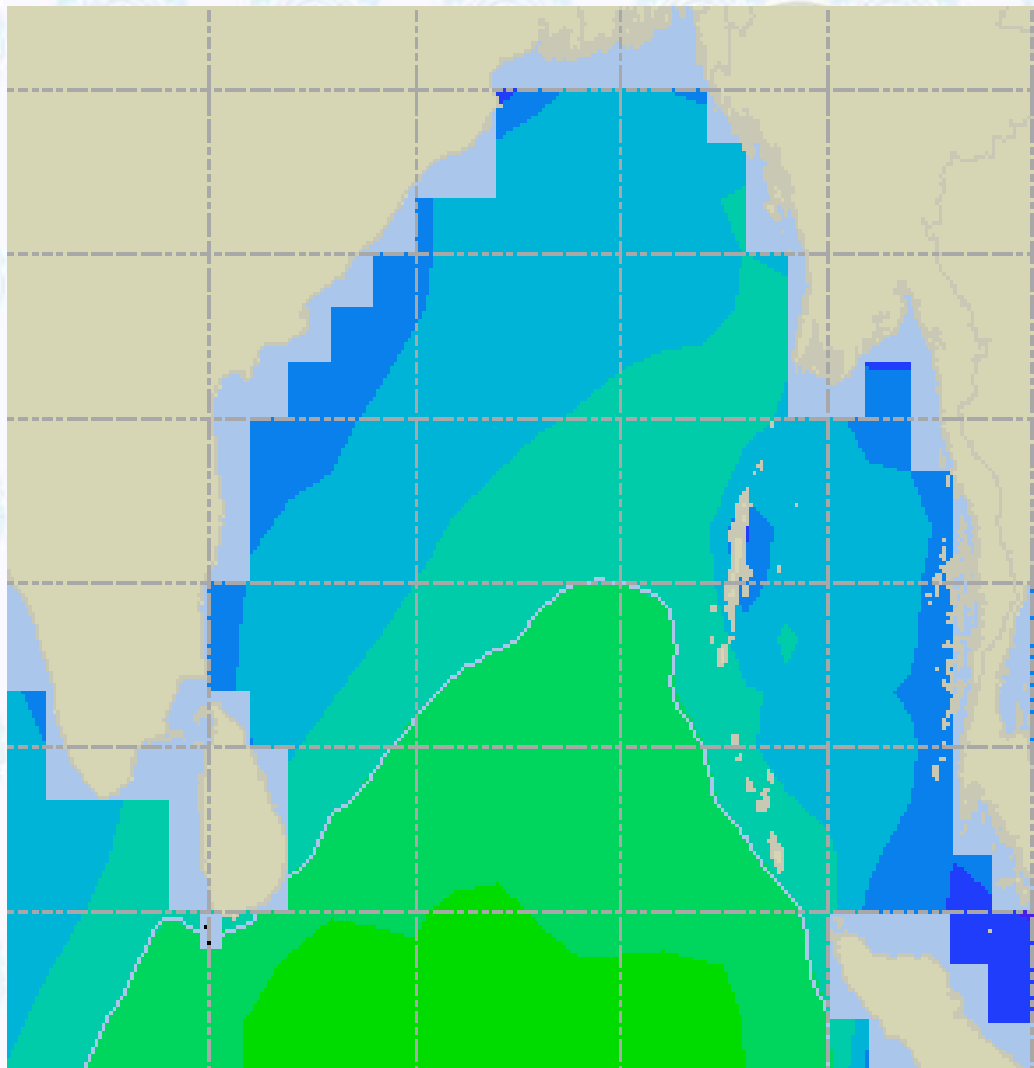
10 Knots



60 Knots



Sea State Forecast - 1 Apr - 2020



| 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 |

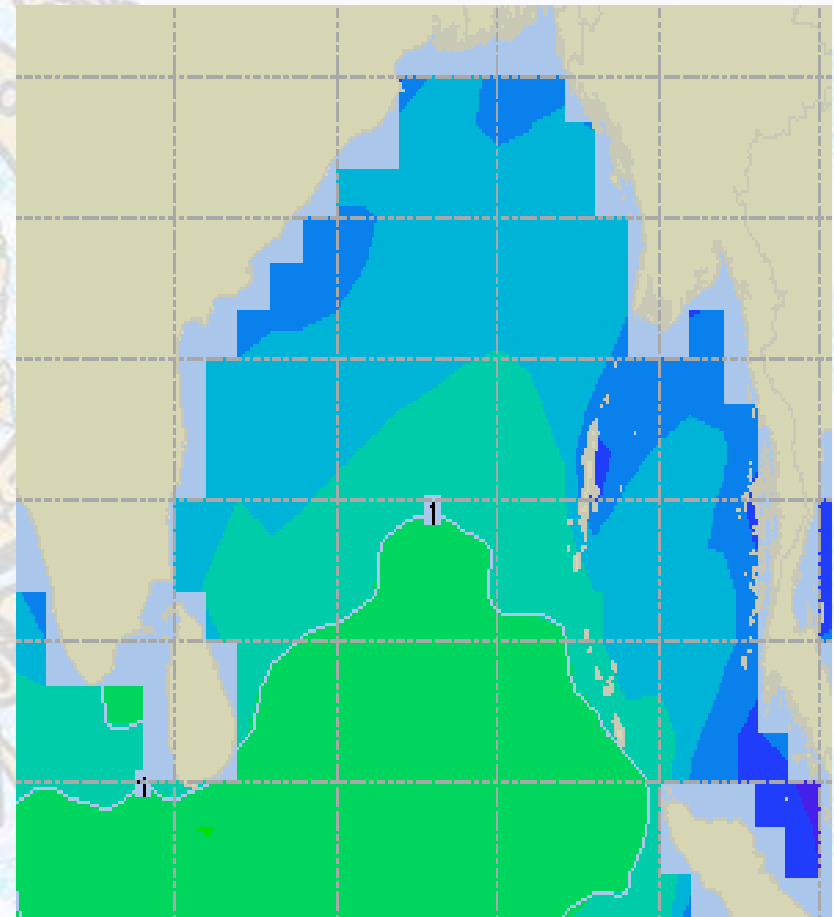
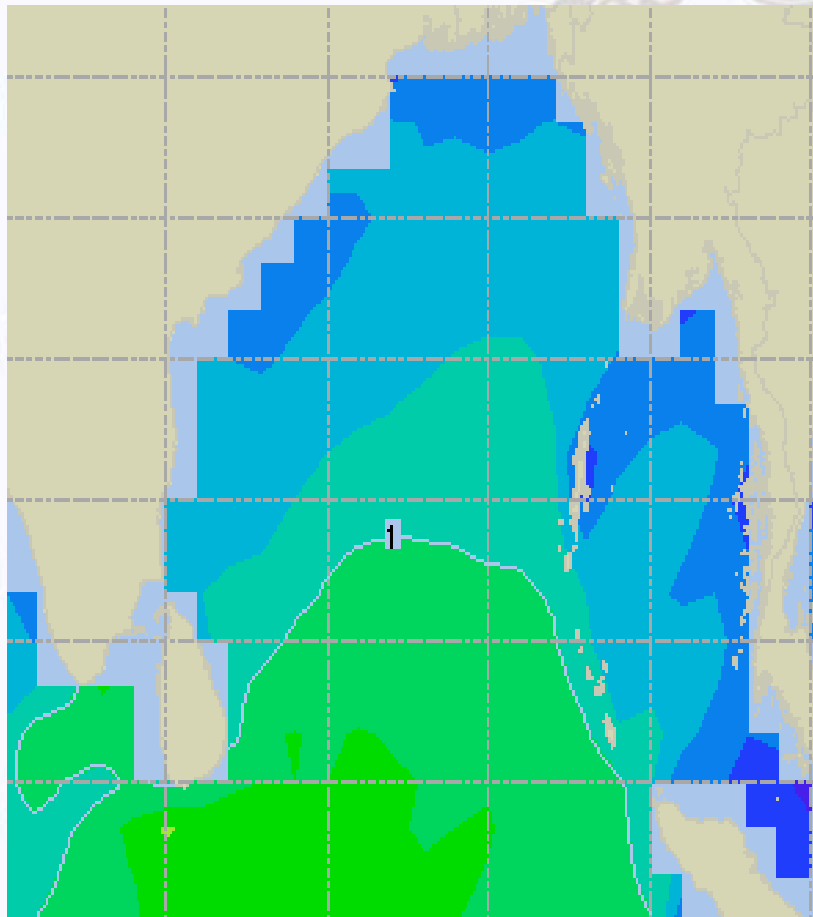




Sea State Forecast - 2 Apr & 3 Apr- 2020

2 Apr 2020 Thursday

3 Apr 2020 Friday

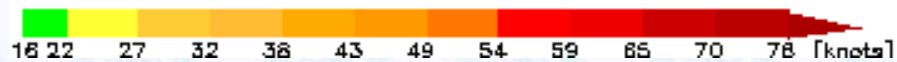
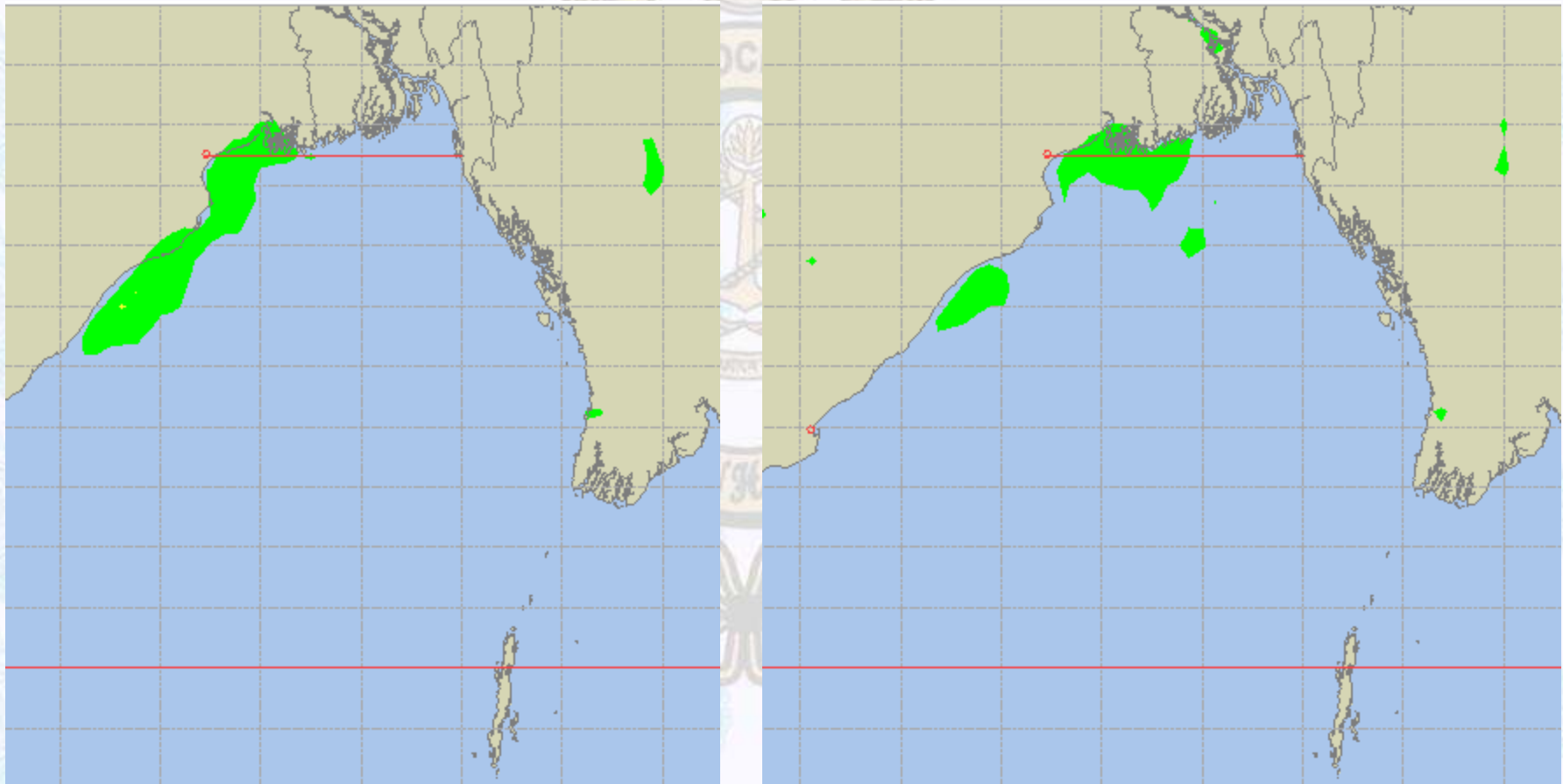




Peak Gusting Possibilities – 01 & 02 Apr 2020

1 Apr 2020 Wednesday

2 Apr 2020 Thursday

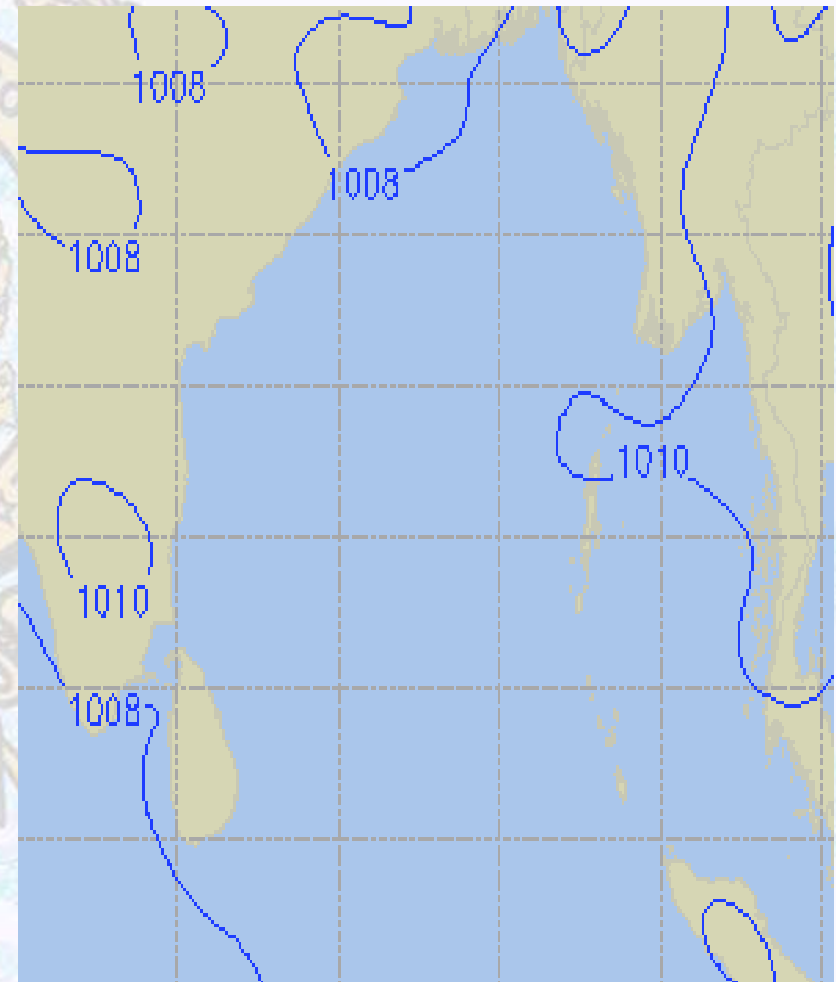
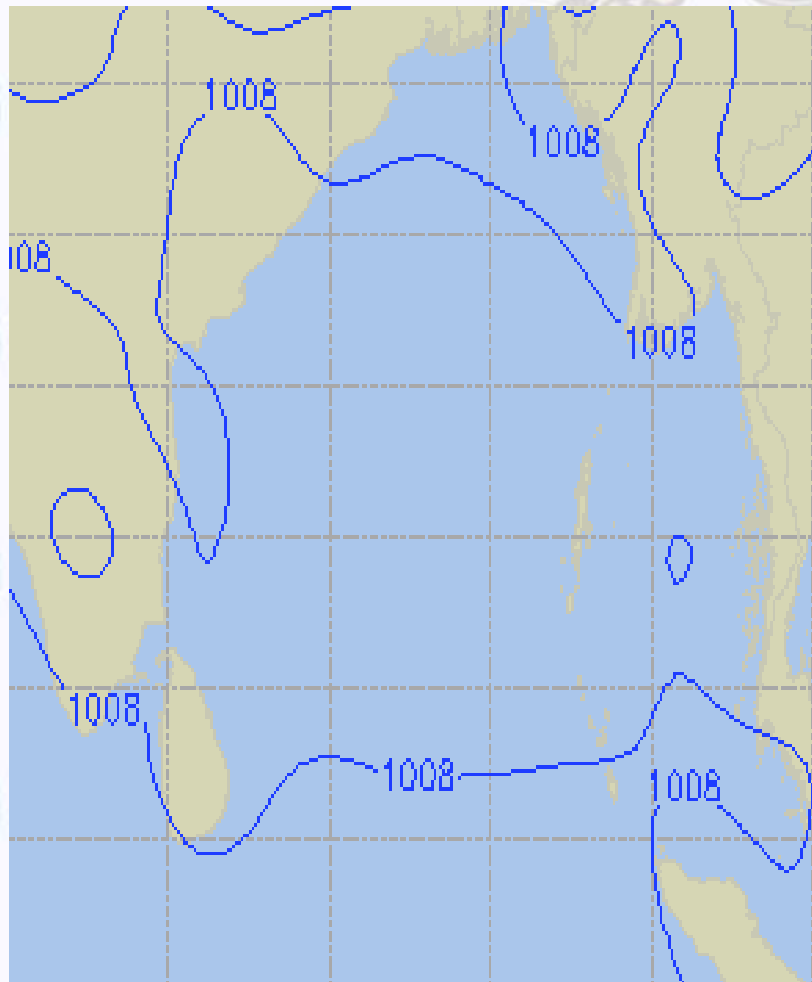




Surface Pressure forecast – 01 & 02 Apr 2020

1 Apr 2020 Wednesday

2 Apr 2020 Thursday

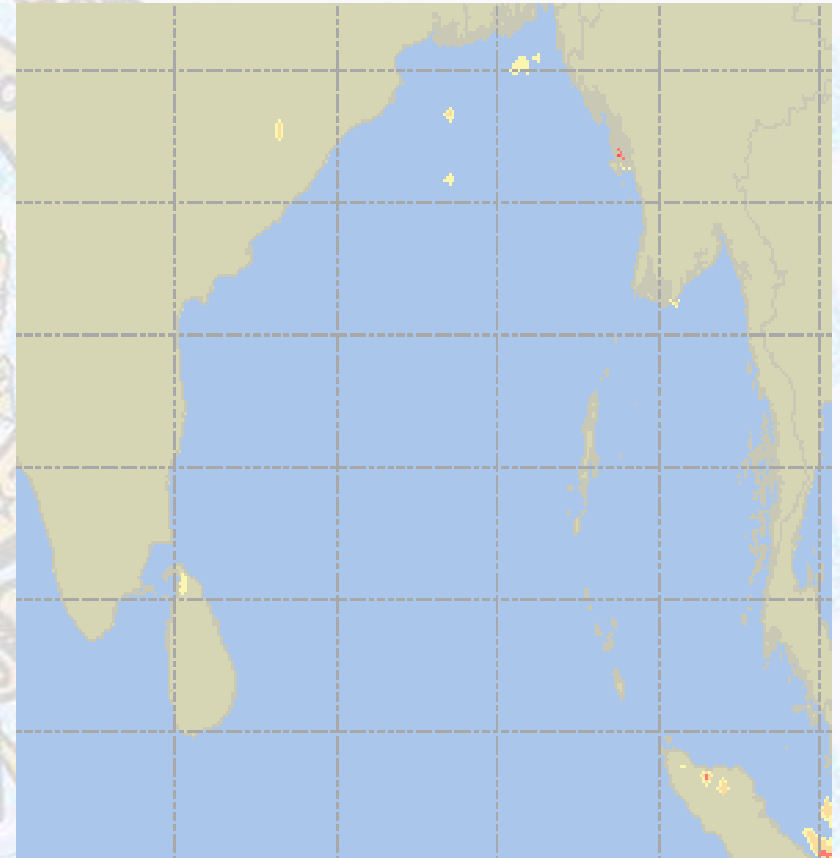
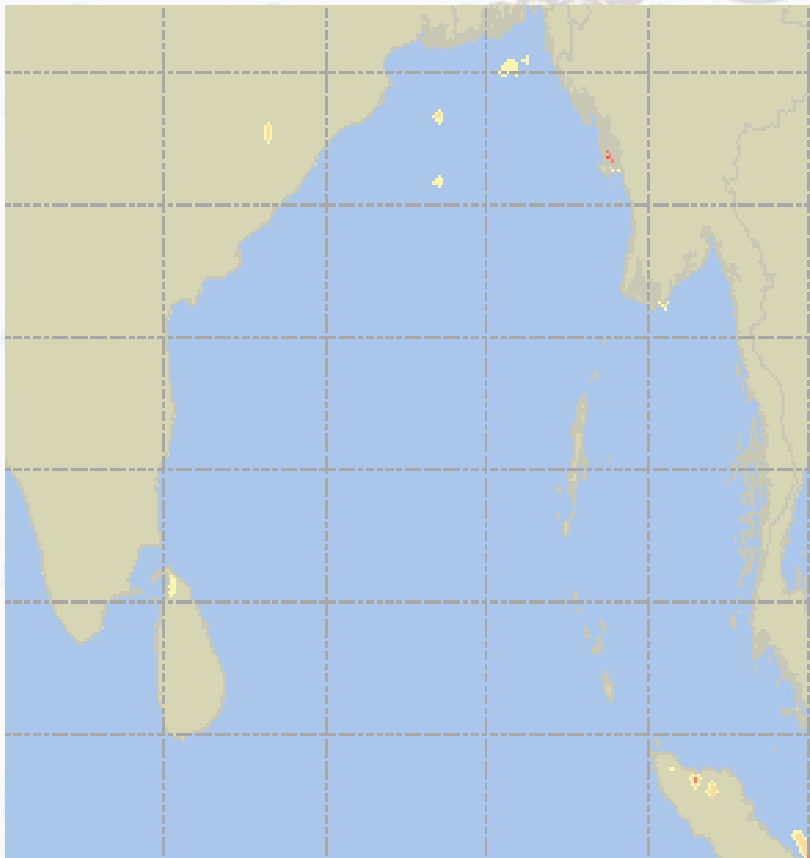




Visibility at Sea Forecast – 01 & 02 Apr - 2020

1 Apr 2020 Wednesday

2 Apr 2020 Thursday



Visibility Scale:



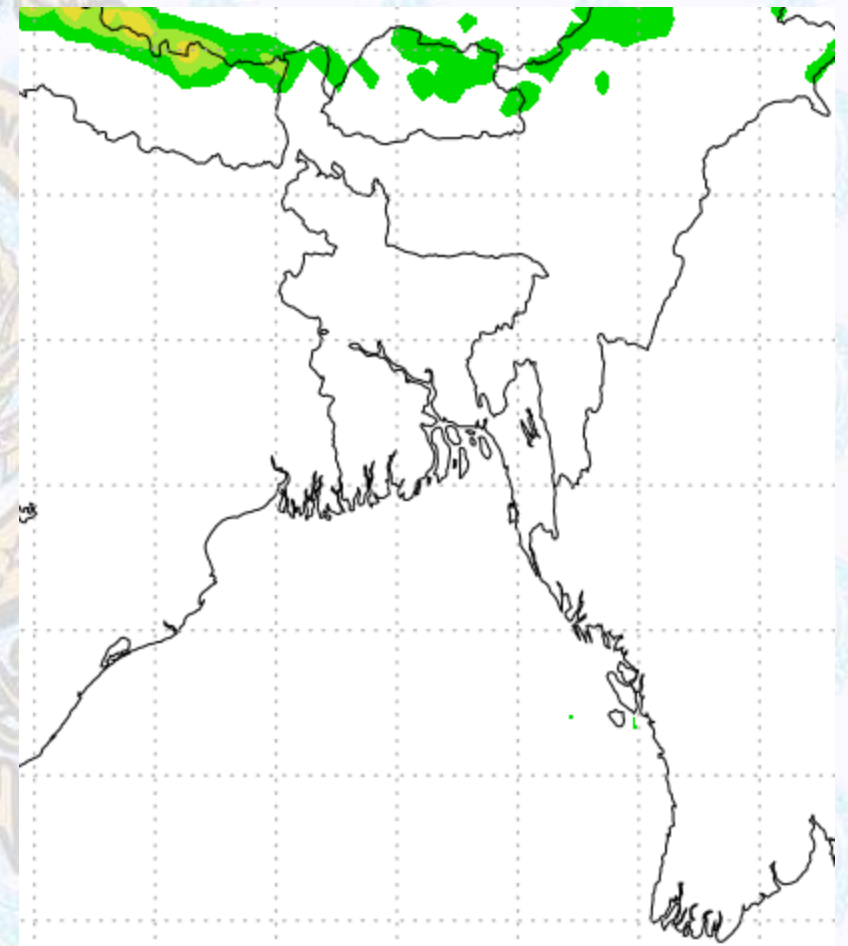
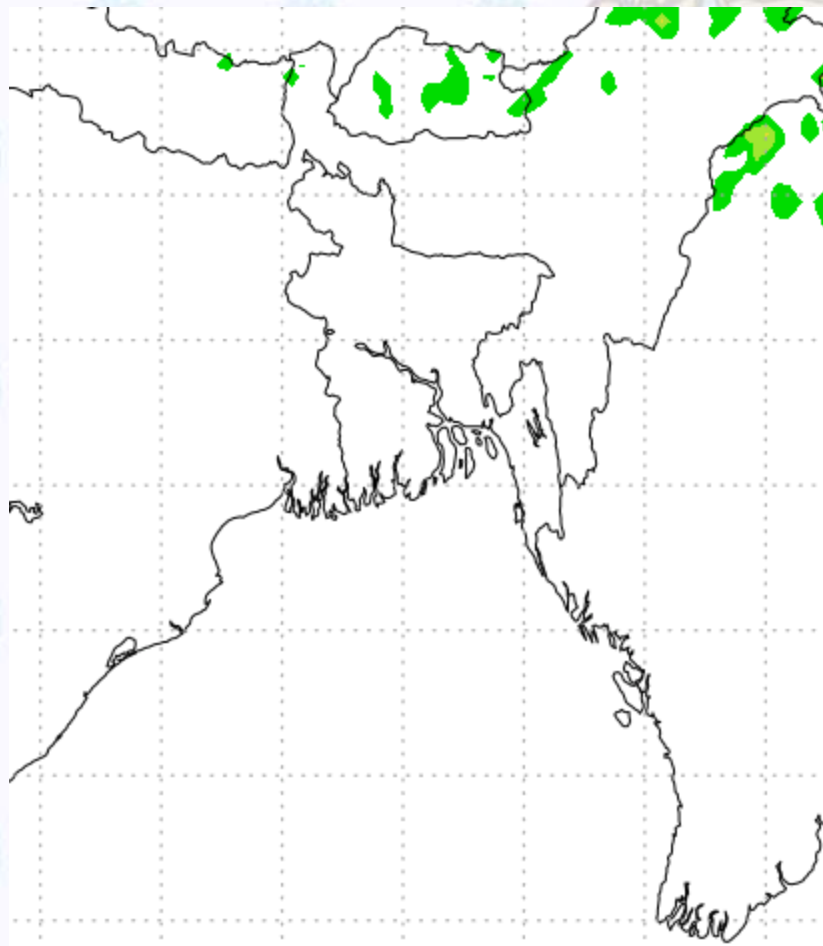
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 01 & 02 Apr 2020

Rain(mm) 02 & 03 Apr 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | | | | | | | | |
|-------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| 1 Apr 2020 | Time | Height | | Time | Height | | Time | Height |
| | 0538 | 3.30 | | 0316 | 2.29 | | 0253 | 2.13 |
| | 1152 | 1.11 | | 0932 | 0.79 | | 0906 | 1.00 |
| | 1817 | 3.63 | | 1556 | 2.46 | | 1545 | 2.34 |
| | - | - | | 2225 | 0.90 | | 2222 | 1.25 |
| 2 Apr 2020 | Time | Height | | Time | Height | | Time | Height |
| | 0055 | 1.28 | | 0427 | 2.16 | | 0413 | 2.01 |
| | 0702 | 3.12 | | 1044 | 0.94 | | 1035 | 1.14 |
| | 1315 | 1.35 | | 1719 | 2.43 | | 1715 | 2.31 |
| | 1945 | 3.59 | | 2358 | 0.96 | | - | - |
| 3 Apr 2020 | Time | Height | | Time | Height | | Time | Height |
| | 0236 | 1.31 | | 0601 | 2.19 | | 0010 | 1.22 |
| | 0838 | 3.20 | | 1222 | 0.97 | | 0605 | 2.03 |
| | 1454 | 1.37 | | 1849 | 2.58 | | 1218 | 1.12 |
| | 2107 | 3.75 | | - | - | | 1849 | 2.42 |