



WEATHER FORECAST FOR BN

14 - 17 - FEB 2020





WEATHER FORECAST – DHAKA

14.02.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|-------------|----------|-----------|
| Temp. / Dew Point | 27 / 14 | 27 / 14 | 22 / 15 | 20 / 16 |
| Wind | 11 km/h WSW | 10 km/h WSW | 4 km/h S | 6 km/h SE |
| Humidity | 47% | 39% | 57% | 66% |
| Chance of Precip | 1% | 1% | 1% | 2% |
| Cloud Cover | 12% | 1% | 1% | 1% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 6: 34 AM 5: 54 PM | | | |

Conditions

Pressure : 1012 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

14.02.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|-------------|----------|------------|
| Temp. / Dew Point | 24 / 16 | 24 / 16 | 21 / 17 | 20 / 18 |
| Wind | 13 km/h SW | 12 km/h SSW | 8 km/h S | 7 km/h SSE |
| Humidity | 43% | 44% | 61% | 70% |
| Chance of Precip. | 1% | 1% | 1% | 2% |
| Cloud Cover | 2% | 0% | 0% | 0% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 6: 26 AM 5: 49 PM | | | |

Conditions

Pressure : 1012 hpa

Visibility : 9.02 Km

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



WEATHER FORECAST – KHULNA

14.02.2020

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|----------------------|-----------|-----------|------------|
| Temp. / Dew Point | 28 / 15 | 28 / 15 | 23 / 16 | 20 / 17 |
| Wind | 14 km/h W | 13 km/h W | 4 km/h SW | 6 km/h SSW |
| Humidity | 39% | 39% | 57% | 70% |
| Chance of Precip. | 1% | 1% | 1% | 2% |
| Cloud Cover | 2% | 2% | 1% | 1% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise Sunset | 6: 37 AM 5: 59 PM | | | |

Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 15 Feb 2020 | 16 Feb 2020 | 17 Feb 2020 |
|-------------------------|---------------------|--------------------|----------------------|
| Temperature (C) | 27°C/ 18°C | 27°C/ 16°C | 30°C/ 16°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 6h32m00s/17h53m30s | 6h31m40s/17h53m50s | 6h30m54s/17h54m36s |
| Day Length | 11h21m30s | 11h22m00s | 11h23m42s |
| Moon Rise/ Set | 11:44PM 10:35AM | 12:18AM 11:41AM | 1:18AM 12:27PM |
| Moon Phase/ illu | Waning Gibbous, 96% | Last Quarter, 44% | Waning Crescent, 33% |
| NauticalTwilight | 0542,1843 | 0542,1843 | 0542,1844 |
| Civil Twilight | 0608,1816 | 0608,1816 | 0608,1817 |
| Humidity | D : 66% N : 79% | D : 62% N : 70% | D : 55% N : 70% |
| Barometer (mb) | 1013 | 1014 | 1014 |
| Visibility | Good | Good | Good |
| Precip Chance | 10% | 10% | 10% |
| Wind (mph) | 11 Km/h WSW | 10 Km/h SW | 10 Km/h WNW |

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



GENERAL WEATHER FORECAST – CHATTOGRAM

| Description | 15 Feb 2020 | 16 Feb 2020 | 17 Feb 2020 |
|--------------------------|---------------------|--------------------|----------------------|
| Temperature (C) | 27°C/ 18°C | 27°C/ 16°C | 29°C/ 16°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 6h24m42s/17h49m30s | 6h24m02s/17h49m50s | 6h23m36s/17h50m18s |
| Day Length | 11h24m48s | 11h25m18s | 11h26m42s |
| Moon Rise/ Set | 11:44PM 10:35AM | 12:18AM 11:41AM | 1:18AM 12:27PM |
| Moon Phase/ illu | Waning Gibbous, 96% | Last Quarter, 44% | Waning Crescent, 33% |
| Nautical Twilight | 0535, 1838 | 0535, 1838 | 0535, 1838 |
| Civil Twilight | 0601,1812 | 0601,1812 | 0601,1812 |
| Humidity | D : 73% N : 95% | D : 72% N : 88% | D : 60% N : 85% |
| Barometer (mb) | 1013 | 1014 | 1014 |
| Visibility | Good | Good | Good |
| Precip Chance | 10% | 10% | 10% |
| Wind (mph) | 16 km/h SSW | 13 km/h SW | 13 km/h WNW |

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



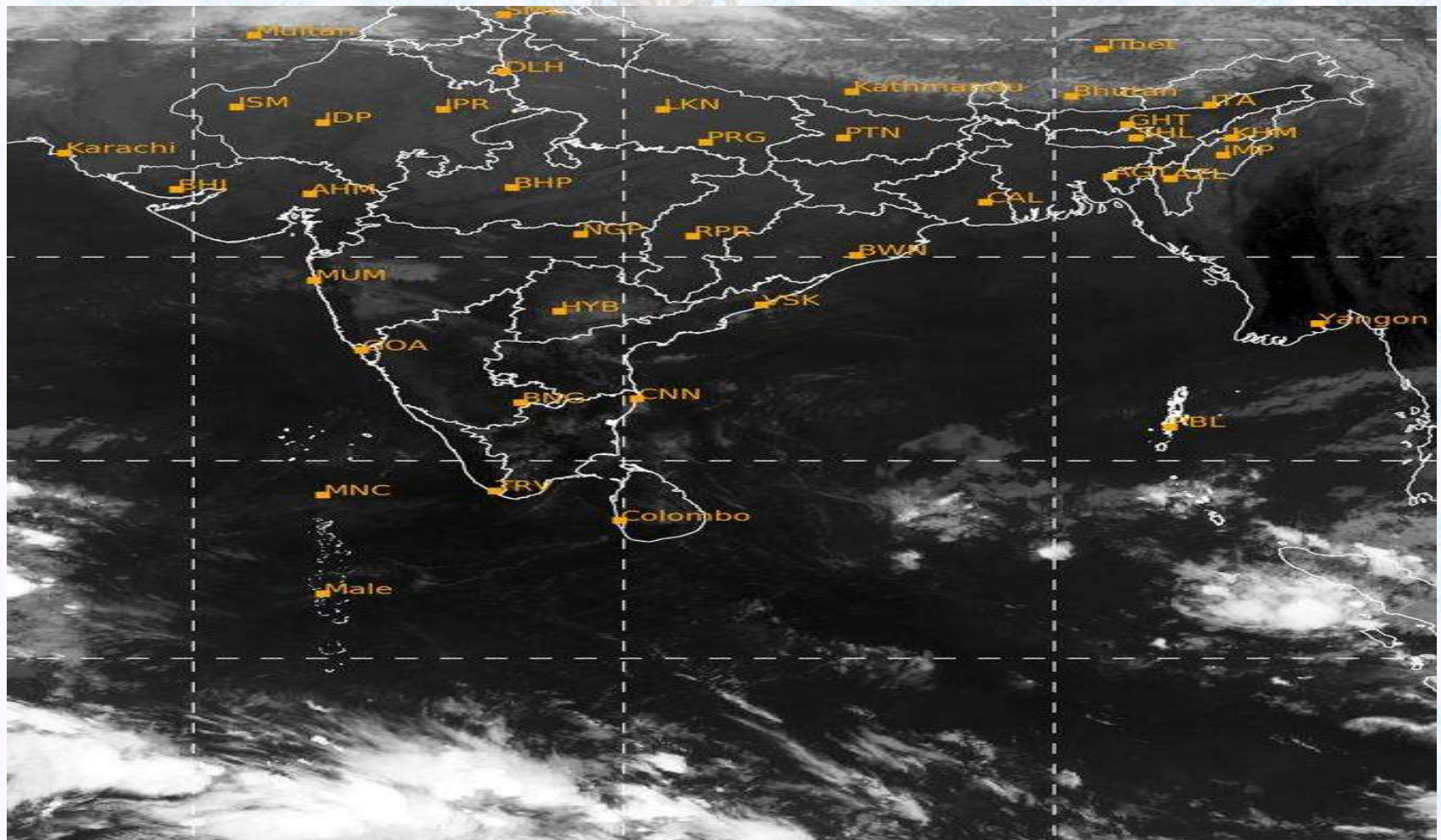
GENERAL WEATHER FORECAST – KHULNA

| Description | 15 Feb 2020 | 16 Feb 2020 | 17 Feb 2020 |
|--------------------------|---------------------|--------------------|----------------------|
| Temperature(C) | 30°C/ 16°C | 30°C/ 16°C | 30°C/ 16°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 6h34m24s/17h58m00s | 6h33m04s/17h58m40s | 6h33m12s/17h58m54s |
| Day Length | 11h23m36s | 11h23m56s | 11h25m42s |
| Moon Rise/Set | 11:44PM 10:35AM | 12:18AM 11:41AM | 1:18AM 12:27PM |
| Moon Phase/illu | Waning Gibbous, 96% | Last Quarter, 44% | Waning Crescent, 33% |
| Nautical Twilight | 0544, 1847 | 0544, 1847 | 0544, 1847 |
| Civil Twilight | 0611.,1820 | 0611.,1820 | 0611.,1820 |
| Humidity | D : 57% N : 78% | D : 54% N : 79% | D : 53% N : 78% |
| Barometer (mb) | 1013 | 1014 | 1014 |
| Visibility | Good | Good | Good |
| Precip Chance | 10% | 0% | 10% |
| Wind (mph) | 11 km/h WNW | 9 km/h NW | 8 km/h WNW |

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



SATELLITE VIEW OF BAY OF BENGAL

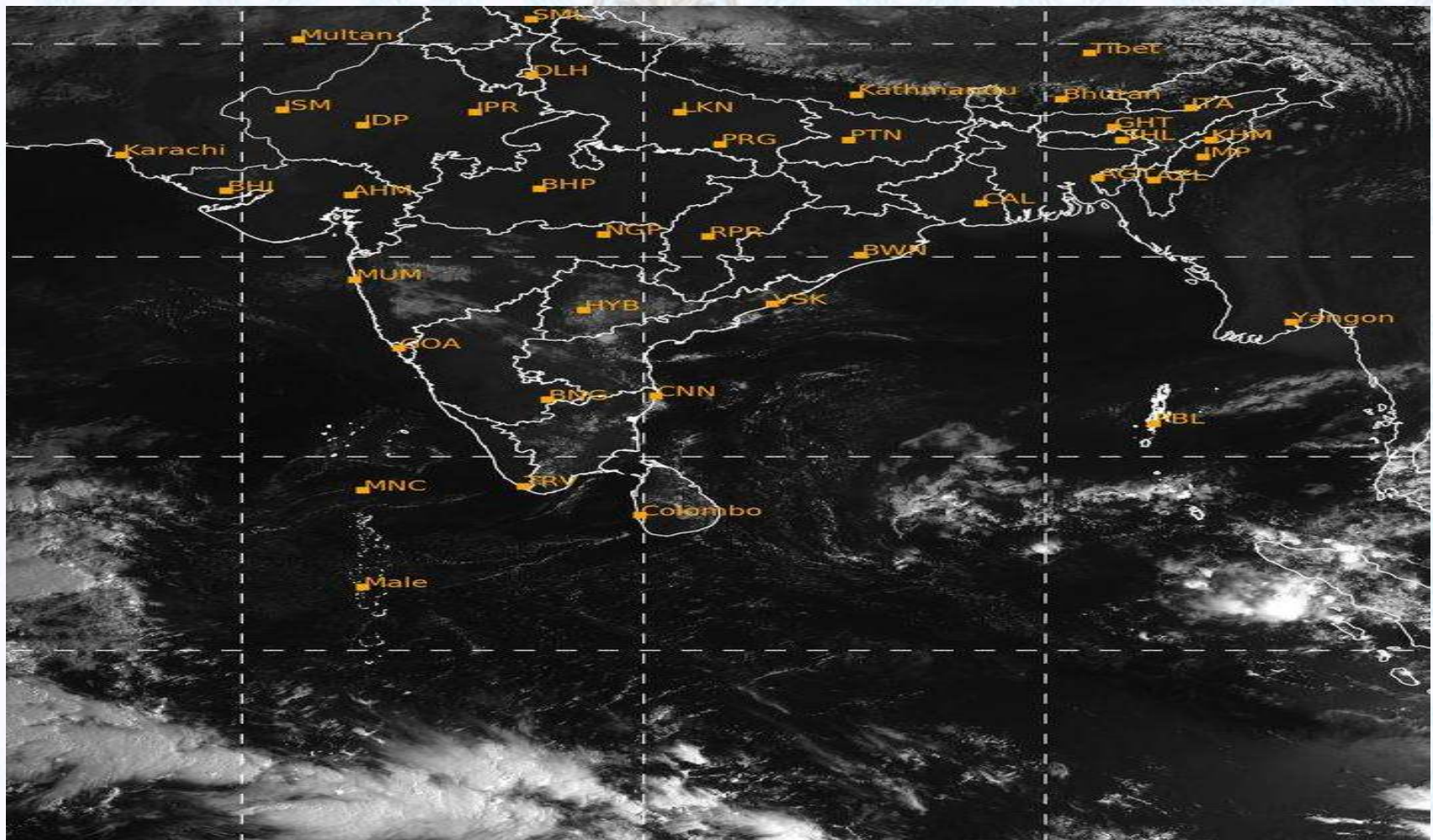


14/02/2020, 09:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



14/02/2020, 09:00 MATSAT-VIS

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 14.02.2020)

| | | |
|-------------------|-----------------------------------|---|
| Part One | NO STORM WARNING. | |
| Part Two | SEASONAL LOW LIES OVER SOUTH BAY. | |
| Part Three | Weather | TEMPORARY PARTLY CLOUDY OVER AREA C-90. |
| | Wind | NORTH/NORTH-EASTERLY, 08-12 KTS. |
| | Visibility | 02-04 KMS, REDUCING TO 1000 M OR LESS IN FOG/ MIST. |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT =14,0000 UTC. CHATTOGRAM =1015 HPA |



Inland River Port Warning (VALID TILL 06 PM OF 14.02.2020)

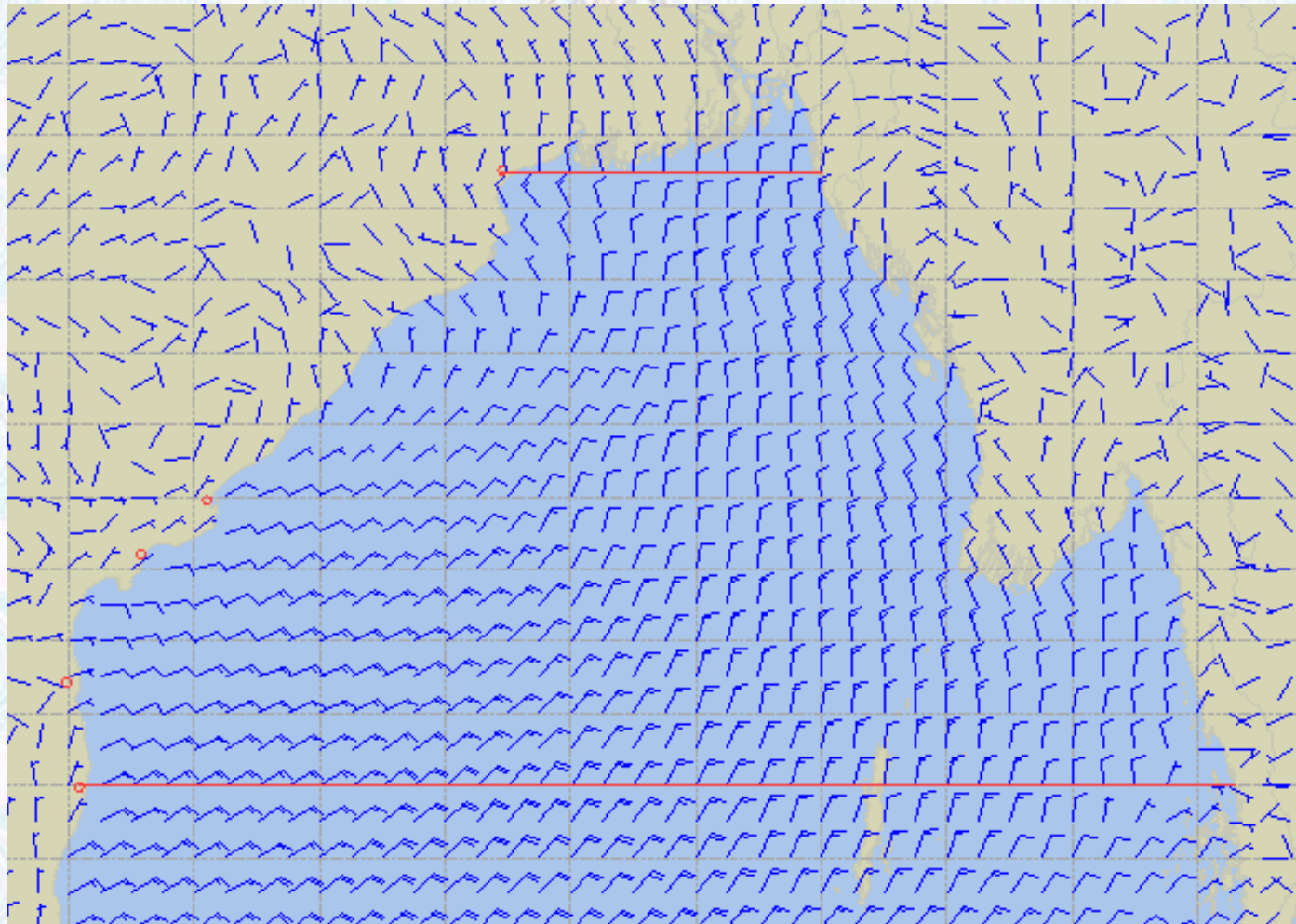
THERE IS NO INLAND RIVERPORTS WARNING & NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 15 Feb - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



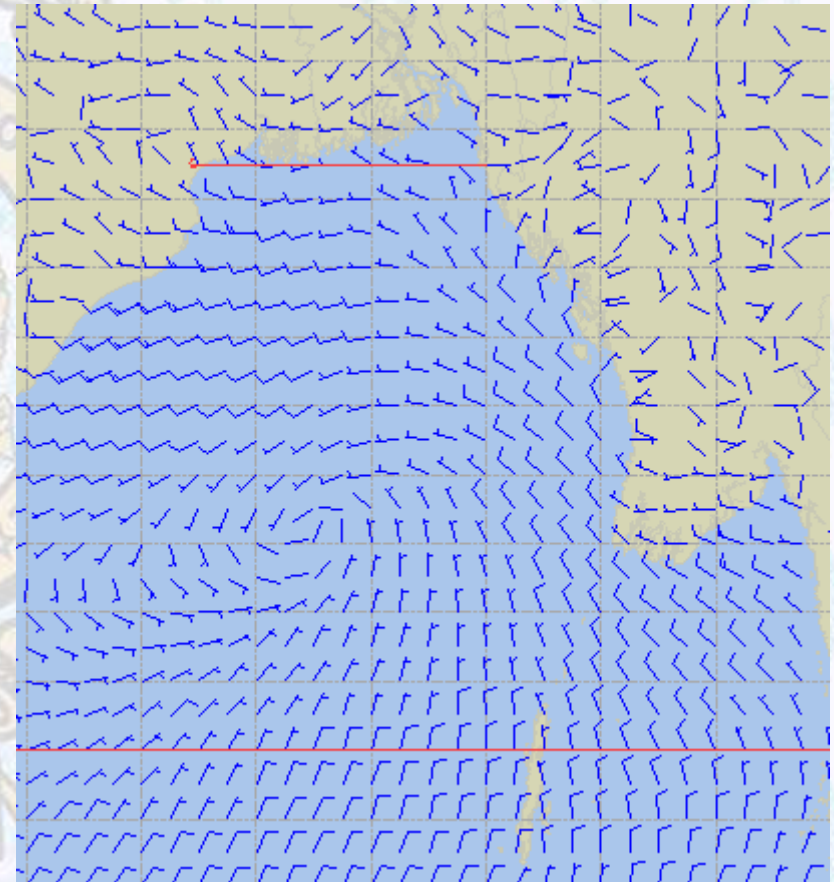
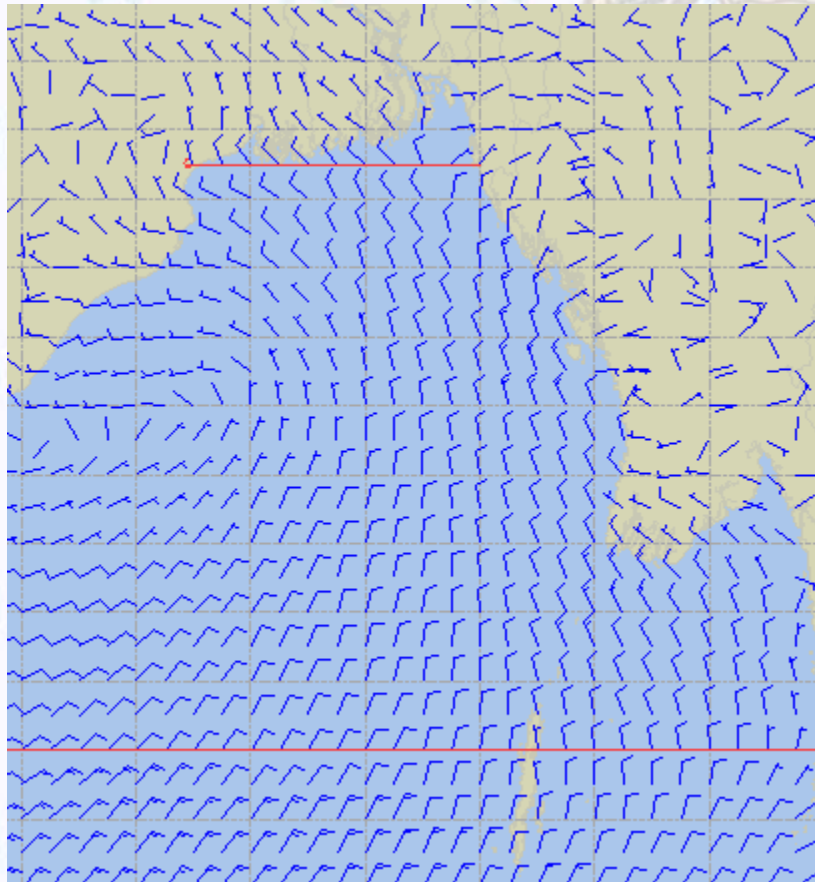
60 Knots



Surface Wind Forecast – 16 & 17 Feb - 2020

16 Feb 2020 Sunday

17 Feb 2020 Monday



Legend:



**Calm
Winds**



5 Knots



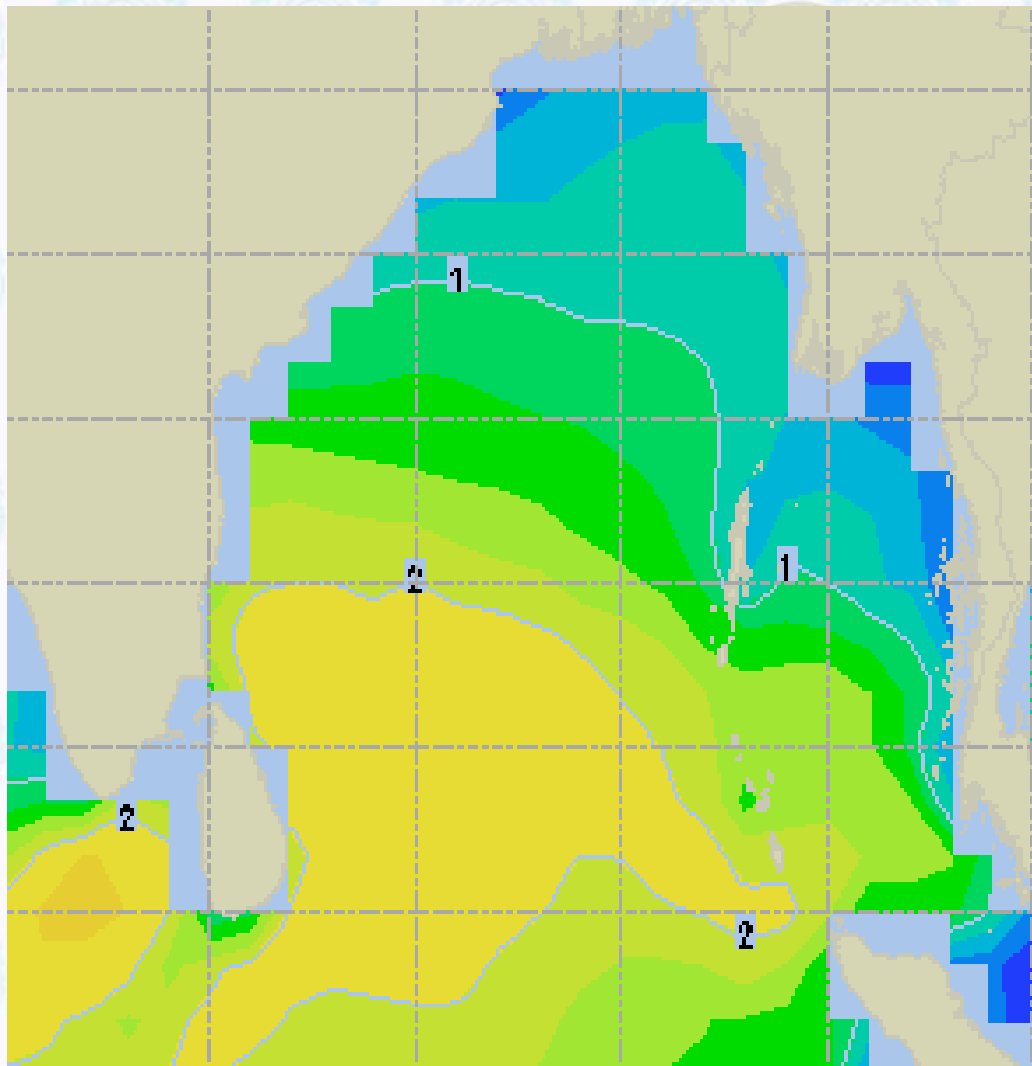
10 Knots



60 Knots



Sea State Forecast - 15 Feb - 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 |

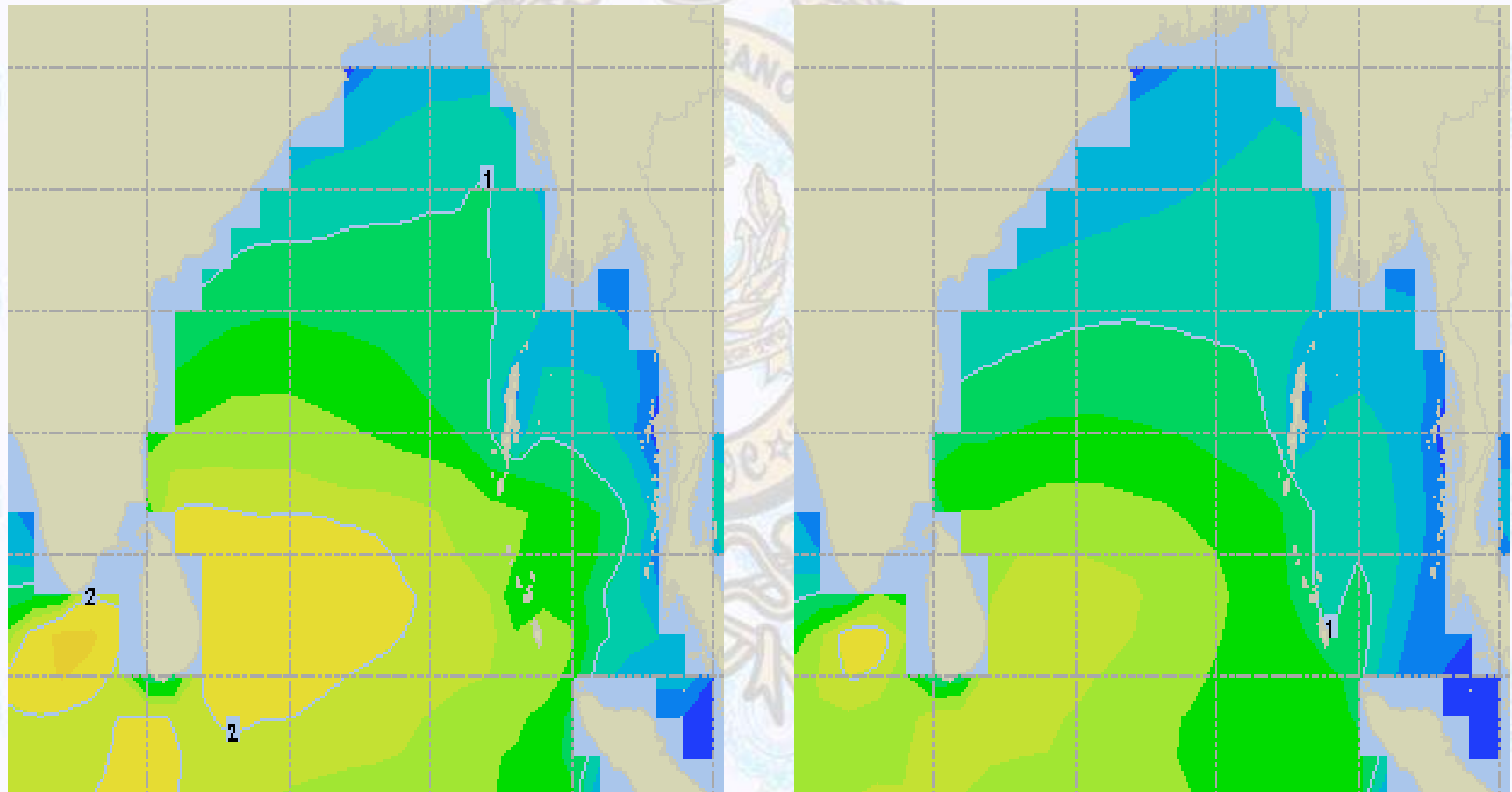




Sea State Forecast - 16 & 17 Feb - 2020

16 Feb 2020 Sunday

17 Feb 2020 Monday

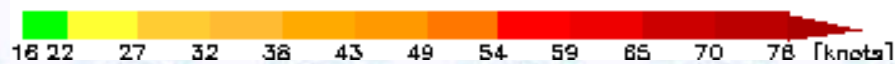
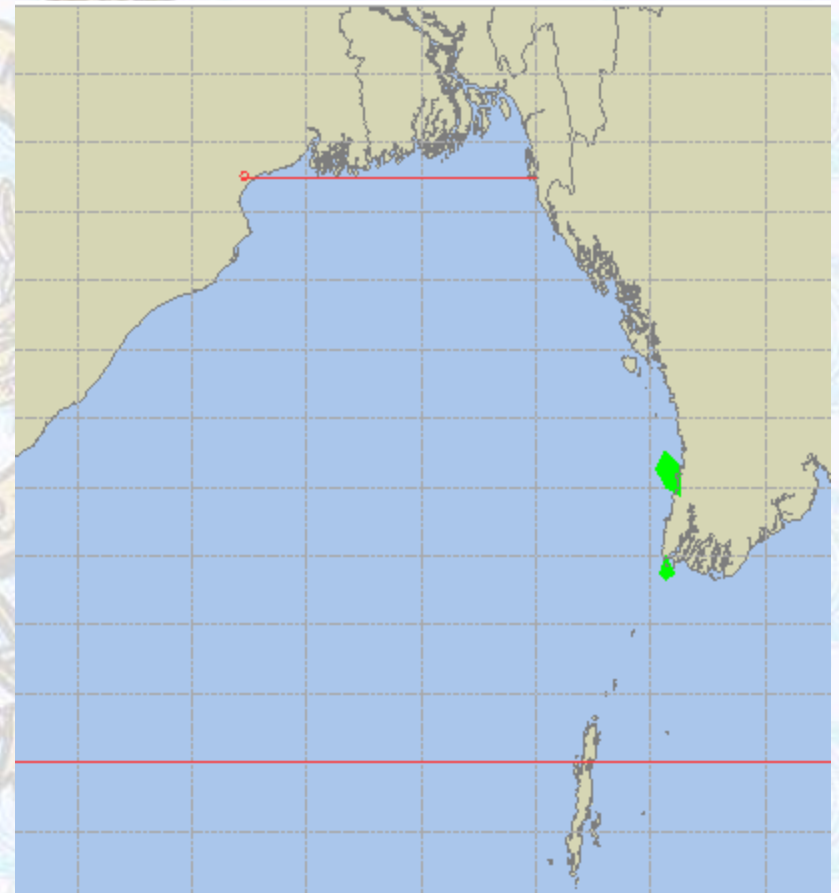
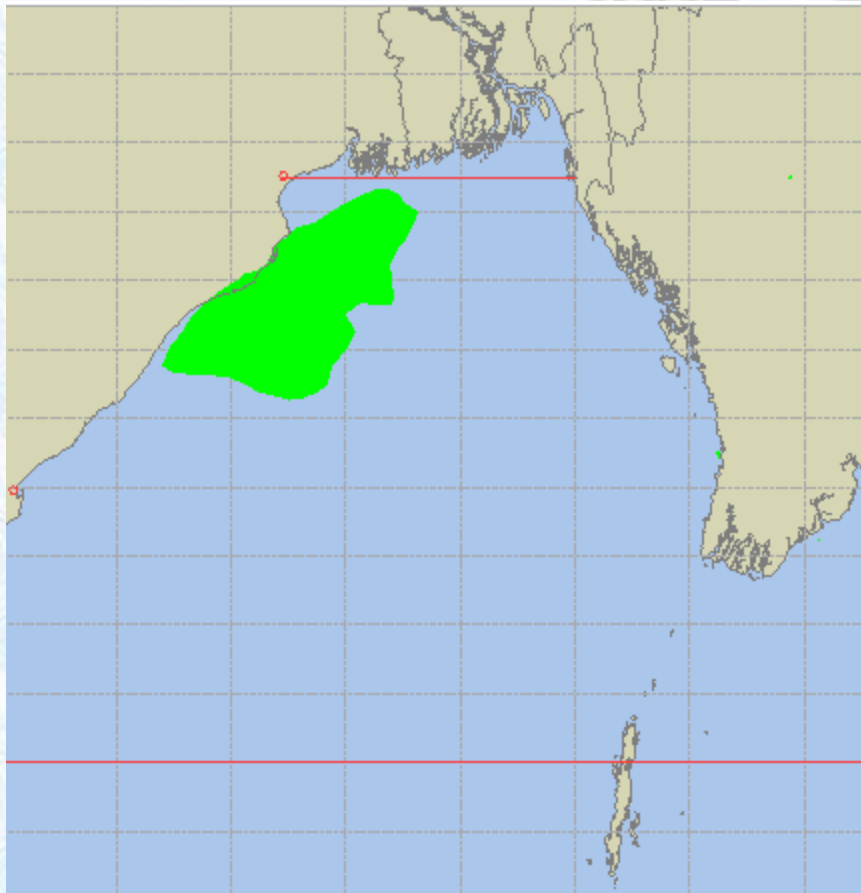




Peak Gusting Possibilities – 15 & 16 Feb - 2020

15 Feb 2020 Saturday

16 Feb 2020 Sunday

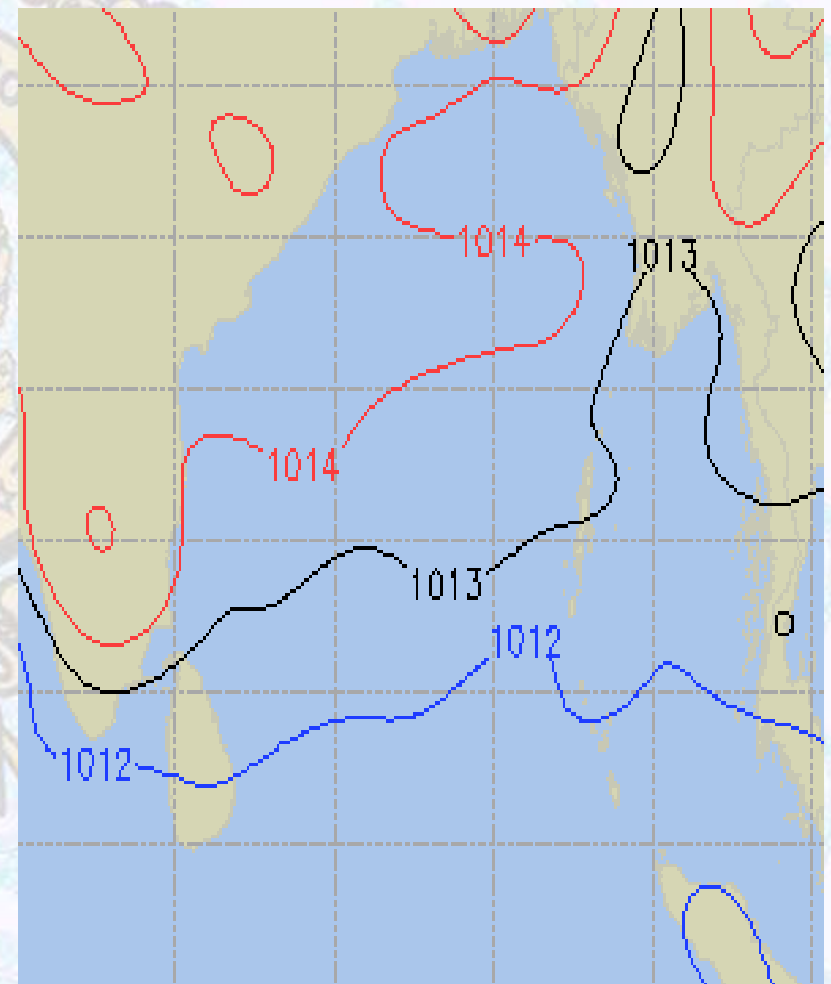
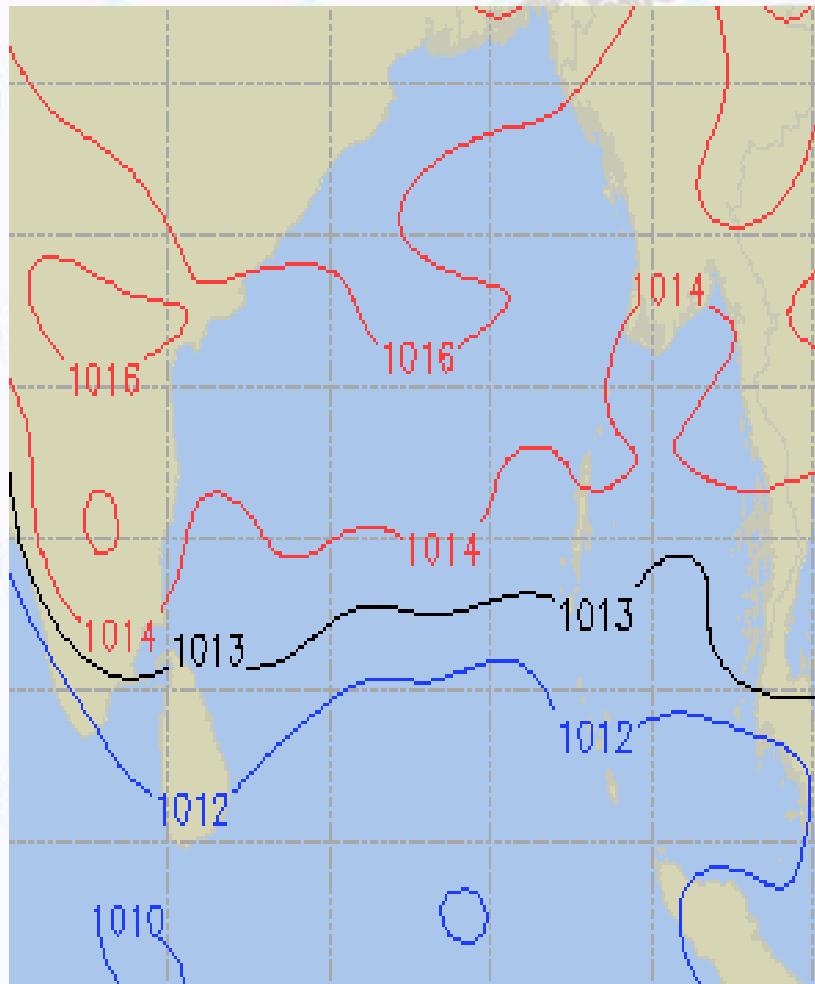




Surface Pressure forecast – 15 & 16 Feb - 2020

15 Feb 2020 Saturday

16 Feb 2020 Sunday

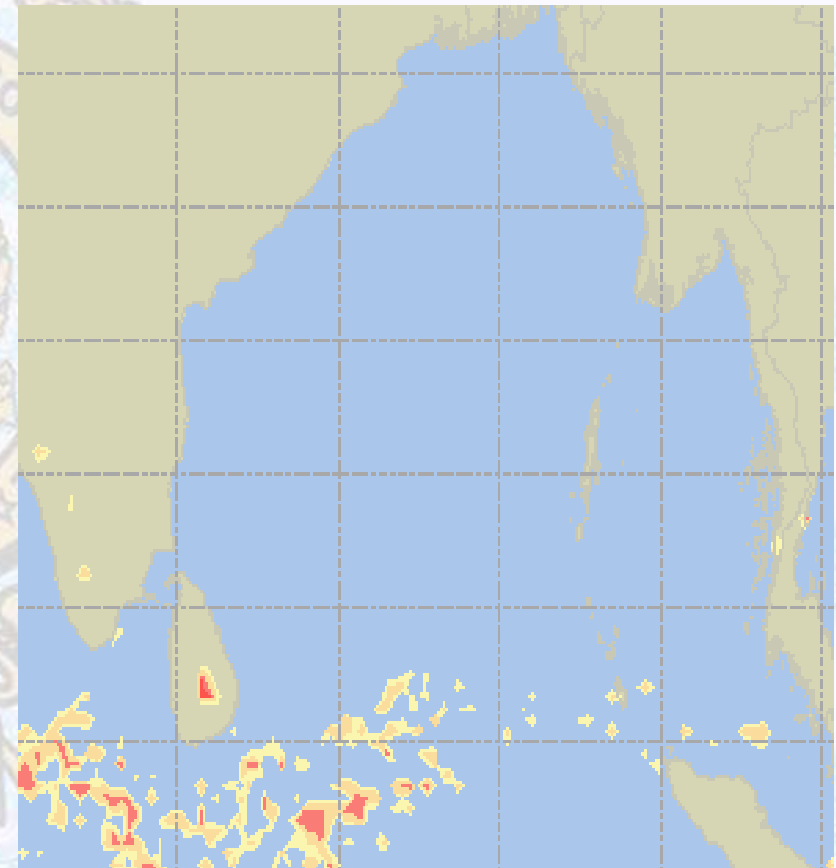
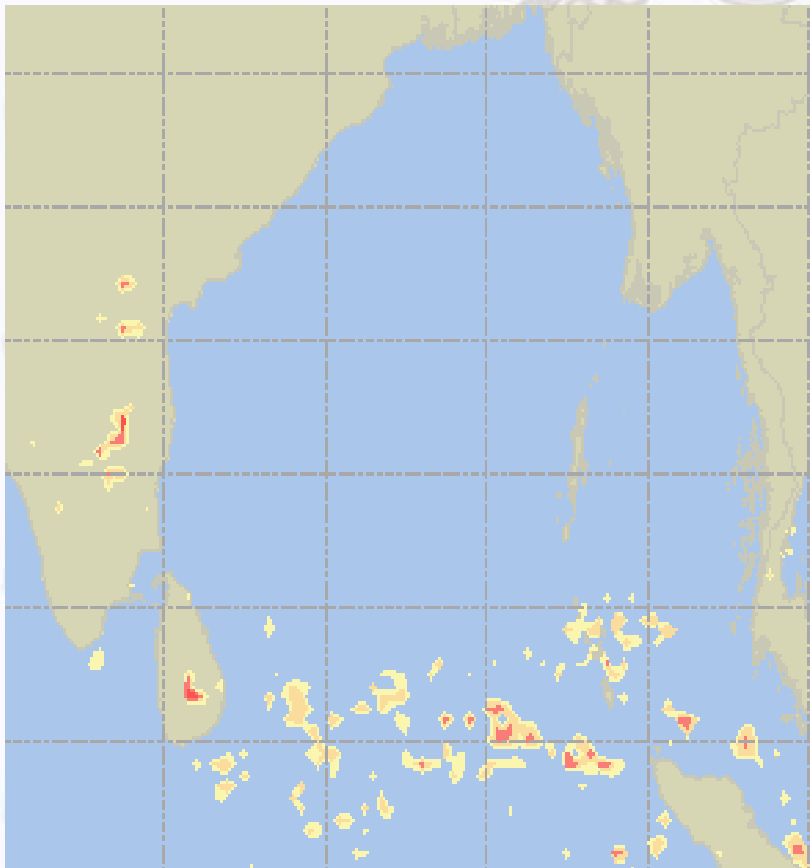




Visibility at Sea Forecast – 15 & 16 Feb - 2020

15 Feb 2020 Saturday

16 Feb 2020 Sunday



Visibility Scale:



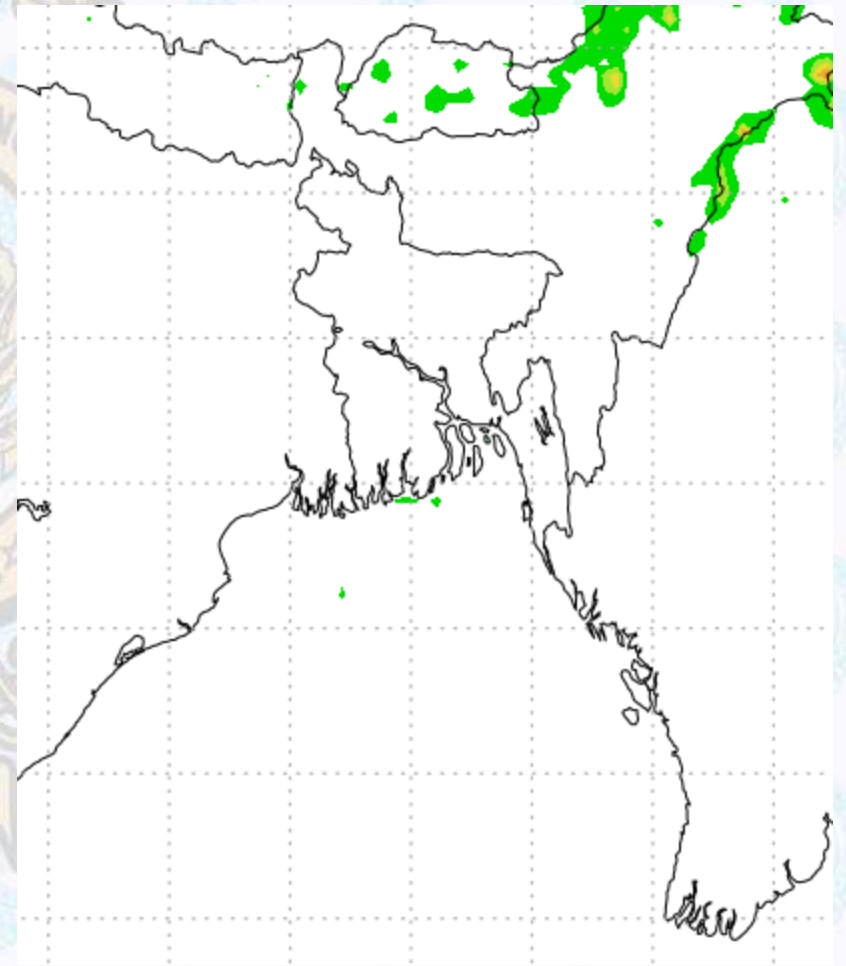
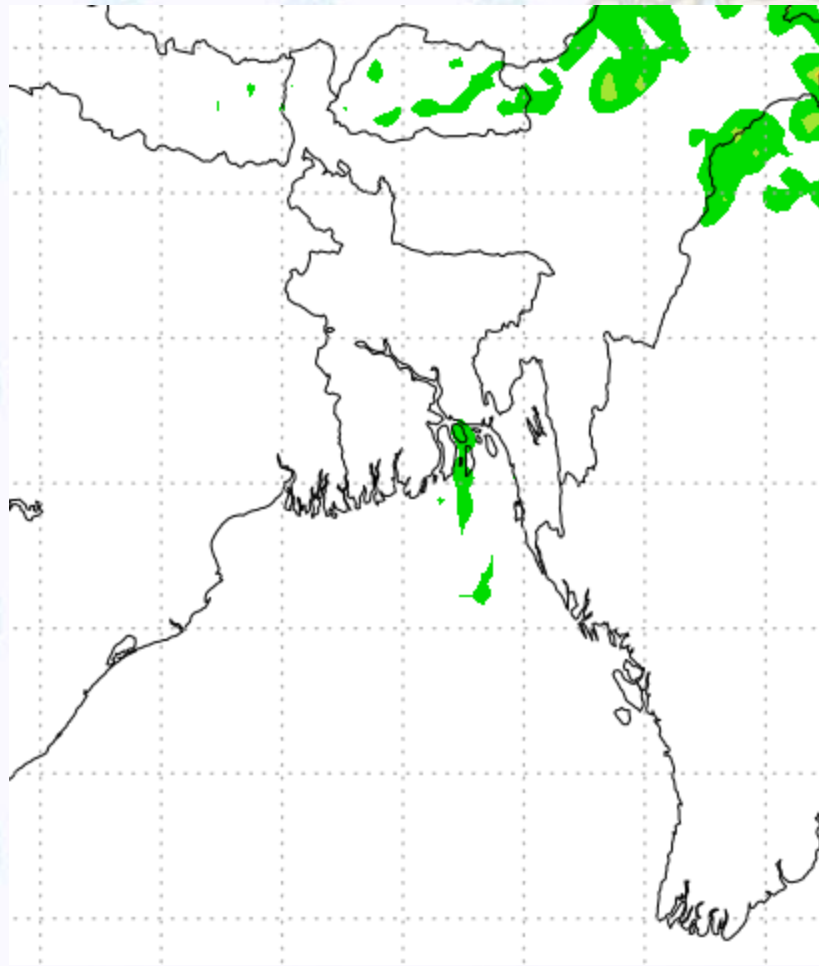
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 15 & 16 Feb 20

Rain(mm) 16 & 17 Feb 20



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | Time | Height | | Time | Height | | Time | Height |
|------------|------|--------|--|------|--------|--|------|--------|
| | | | | | | | | |
| 15Feb 2020 | 0511 | 3.81 | | 0239 | 2.91 | | 0234 | 2.49 |
| | 1147 | 0.50 | | 0914 | 0.39 | | 0900 | 0.53 |
| | 1755 | 3.82 | | 1508 | 2.71 | | 1517 | 2.45 |
| | - | - | | 2140 | 0.54 | | 2131 | 0.87 |
| 16Feb 2020 | Time | Height | | Time | Height | | Time | Height |
| | 0025 | 0.84 | | 0331 | 2.59 | | 0325 | 2.23 |
| | 0620 | 3.43 | | 1006 | 0.57 | | 0953 | 0.75 |
| | 1250 | 0.77 | | 1608 | 2.49 | | 1623 | 2.29 |
| | 1912 | 3.63 | | 2241 | 0.73 | | 2247 | 1.08 |
| 17Feb 2020 | Time | Height | | Time | Height | | Time | Height |
| | 0147 | 1.01 | | 0435 | 2.30 | | 0439 | 1.99 |
| | 0749 | 3.14 | | 1114 | 0.73 | | 1111 | 0.94 |
| | 1409 | 0.98 | | 1725 | 2.35 | | 1759 | 2.20 |
| | 2039 | 3.53 | | - | - | | - | - |