



WEATHER FORECAST FOR BN

03 - 06 JUN 2021





WEATHER FORECAST – DHAKA

03.06.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 30°C / 25°C | 30°C / 25°C | 28°C / 25°C | 27°C / 25°C |
| Wind | 15 km/h SSW | 15 km/h S | 10 km/h S | 11 km/h S |
| Humidity | 58% | 61% | 72% | 76% |
| Chance of Precip | 34% | 11% | 14% | 22% |
| Cloud Cover | 80% | 79% | 65% | 70% |
| Conditions | Rain | Cloudy | Cloudy | Cloudy |
| Sunrise / Sunset | 0510 / 1842 | | | |

Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

03.06.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 31°C / 25°C | 30°C / 25°C | 29°C / 27°C | 28°C / 26°C |
| Wind | 12 km/h SW | 13 km/h SW | 7 km/h SW | 7 km/h SSE |
| Humidity | 62% | 68% | 93% | 91% |
| Chance of Precip. | 2% | 2% | 15% | 24% |
| Cloud Cover | 82% | 76% | 84% | 86% |
| Conditions | Cloudy | Cloudy | Rain | Rain |
| Sunrise / Sunset | 0508 / 1834 | | | |

Conditions

Pressure : 1006 hpa

Visibility : 9.02 Km

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



WEATHER FORECAST – KHULNA

03.06.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|--------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 32°C / 26°C | 32°C / 26°C | 28°C / 27°C | 28°C / 26°C |
| Wind | 12 km/h SSW | 11 km/h SSW | 10 km/h S | 10 m/h S |
| Humidity | 74% | 78% | 80% | 84% |
| Chance of Precip. | 16% | 17% | 15% | 15% |
| Cloud Cover | 76% | 68% | 26% | 23% |
| Conditions | Cloudy | Cloudy | Clear | Clear |
| Sunrise/ Sunset | 0516 / 1844 | | | |

Conditions

Pressure : 1002 hpa

Visibility : 10.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 04 Jun 2021 | 05 Jun 2021 | 06 Jun 2021 |
|--------------------------|----------------------|----------------------|----------------------|
| Temperature (C) | 34°C / 27°C | 34°C / 28°C | 34°C / 28°C |
| Summary | Rain | Rain | Rain |
| Sun Rise/Set | 5h10m36s/18h43m24s | 5h10m36s/18h43m24s | 5h10m36s/18h44m24s |
| Day Length | 13h33m18s | 13h33m18s | 13h33m48s |
| Moon Rise/ Set | 1:28AM/ 1:36PM | 1:59AM/ 2:26PM | 2:29AM/ 3:17PM |
| Moon Phase/ illu | Waning Crescent, 28% | Waning Crescent, 19% | Waning Crescent, 12% |
| Nautical Twilight | 04:23, 19:29 | 04:23, 19:29 | 04:23, 19:29 |
| Civil Twilight | 04:50, 19:09 | 04:50, 19:09 | 04:50, 19:09 |
| Humidity | D : 75% N : 82% | D : 75% N : 83% | D : 75% N : 83% |
| Barometer (mb) | 1005 | 1004 | 1003 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 38% | 44% | 61% |
| Wind (km/hr) | 14 Km/h, SSW | 16 Km/h, SSW | 15 Km/h, SSW |

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



GENERAL WEATHER FORECAST – CHATTOGRAM

| Description | 04 Jun 2021 | 05 Jun 2021 | 06 Jun 2021 |
|--------------------------|----------------------|----------------------|----------------------|
| Temperature (C) | 30°C/ 27°C | 30°C/ 26°C | 29°C/ 26°C |
| Summary | Rain | Rain | Rain |
| Sun Rise/Set | 5h08m00s/ 18h35m30s | 5h08m00s/ 18h35m30s | 5h08m00s/ 18h35m50s |
| Day Length | 13h27m00s | 13h27m00s | 13h27m54s |
| Moon Rise/ Set | 1:20AM/ 1:46PM | 1:53AM/ 2:20PM | 2:19AM/ 3:27PM |
| Moon Phase/ illu | Waning Crescent, 28% | Waning Crescent, 19% | Waning Crescent, 12% |
| Nautical Twilight | 04:21, 19:29 | 04:21, 19:29 | 04:21, 19:29 |
| Civil Twilight | 04:45, 18:56 | 04:45, 18:56 | 04:45, 18:56 |
| Humidity | D : 81% N : 90% | D : 86% N : 90% | D : 89% N : 94% |
| Barometer (mb) | 1007 | 1007 | 1006 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 84% | 72% | 93% |
| Wind (km/hr) | 14 Km/h, SW | 13 Km/h, SSW | 14 Km/h, SSW |

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



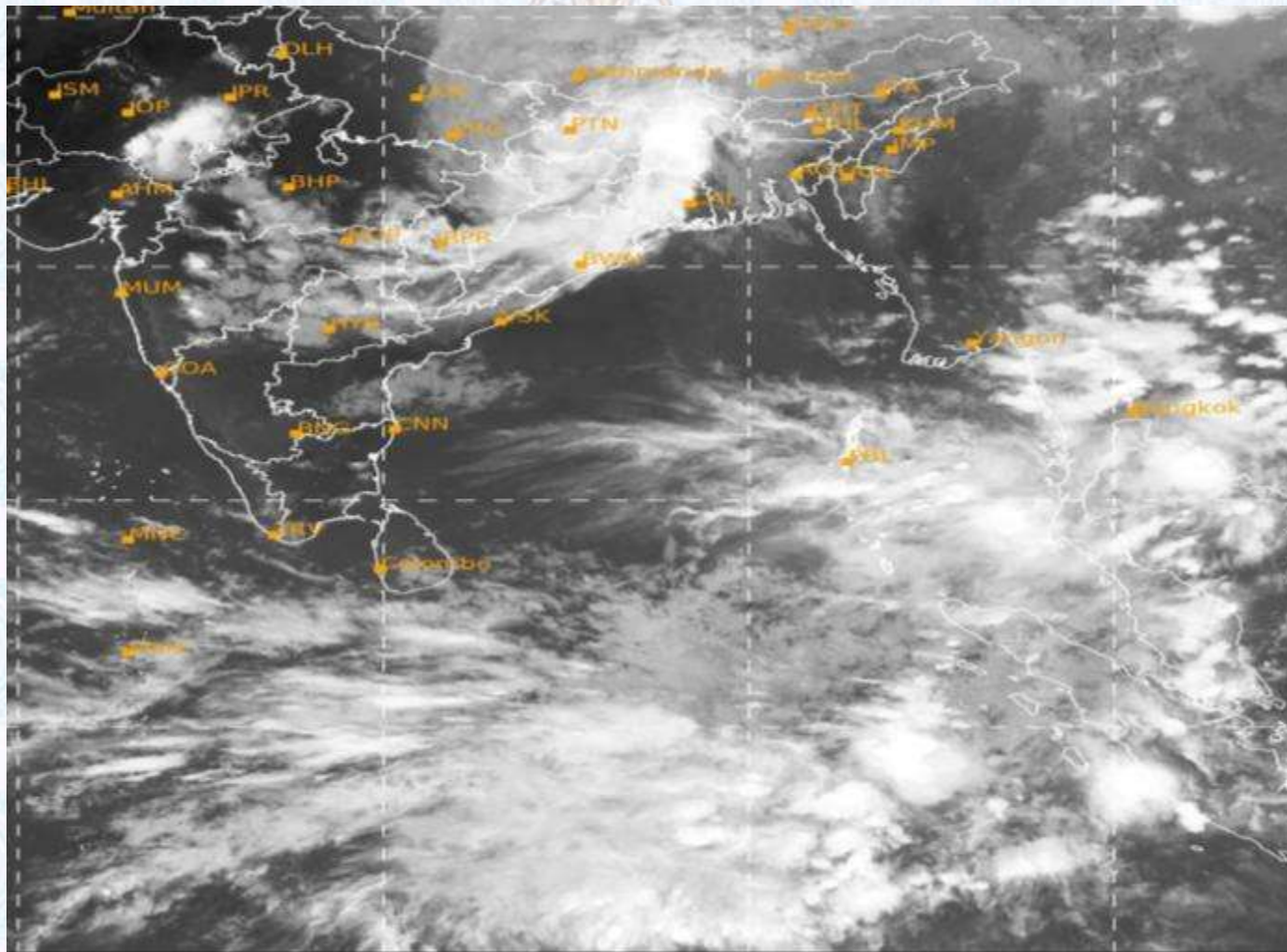
GENERAL WEATHER FORECAST – KHULNA

| Description | 03 Jun 2021 | 04 Jun 2021 | 06 Jun 2021 |
|--------------------------|----------------------|----------------------|----------------------|
| Temperature(C) | 33°C / 28°C | 33°C / 29°C | 35°C / 29°C |
| Summary | Light Rain | Rain | Cloudy |
| Sun Rise/Set | 5h16m00s/ 18h44m12s | 5h16m00s/ 18h44m42s | 5h16m00s/ 18h45m12s |
| Day Length | 13h 28m 12s | 13h 28m 42s | 13h 29m 12s |
| Moon Rise/Set | 12:54AM / 12:44PM | 1:18AM / 1:39PM | 2:25AM / 3:13PM |
| Moon Phase/illu | Waning Crescent, 37% | Waning Crescent, 28% | Waning Crescent, 12% |
| Nautical Twilight | 04:28, 19:33 | 04:28, 19:34 | 04:28, 19:34 |
| Civil Twilight | 04:53, 19:05 | 04:53, 19:05 | 04:53, 19:05 |
| Humidity | D : 79% N : 91% | D : 79% N : 91% | D : 79% N : 91% |
| Barometer (mb) | 1005 | 1004 | 1004 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 36% | 42% | 23% |
| Wind (km/hr) | 15 Km/h, SW | 16 Km/h, SW | 17 Km/h, SW |

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



SATELLITE VIEW OF BAY OF BENGAL

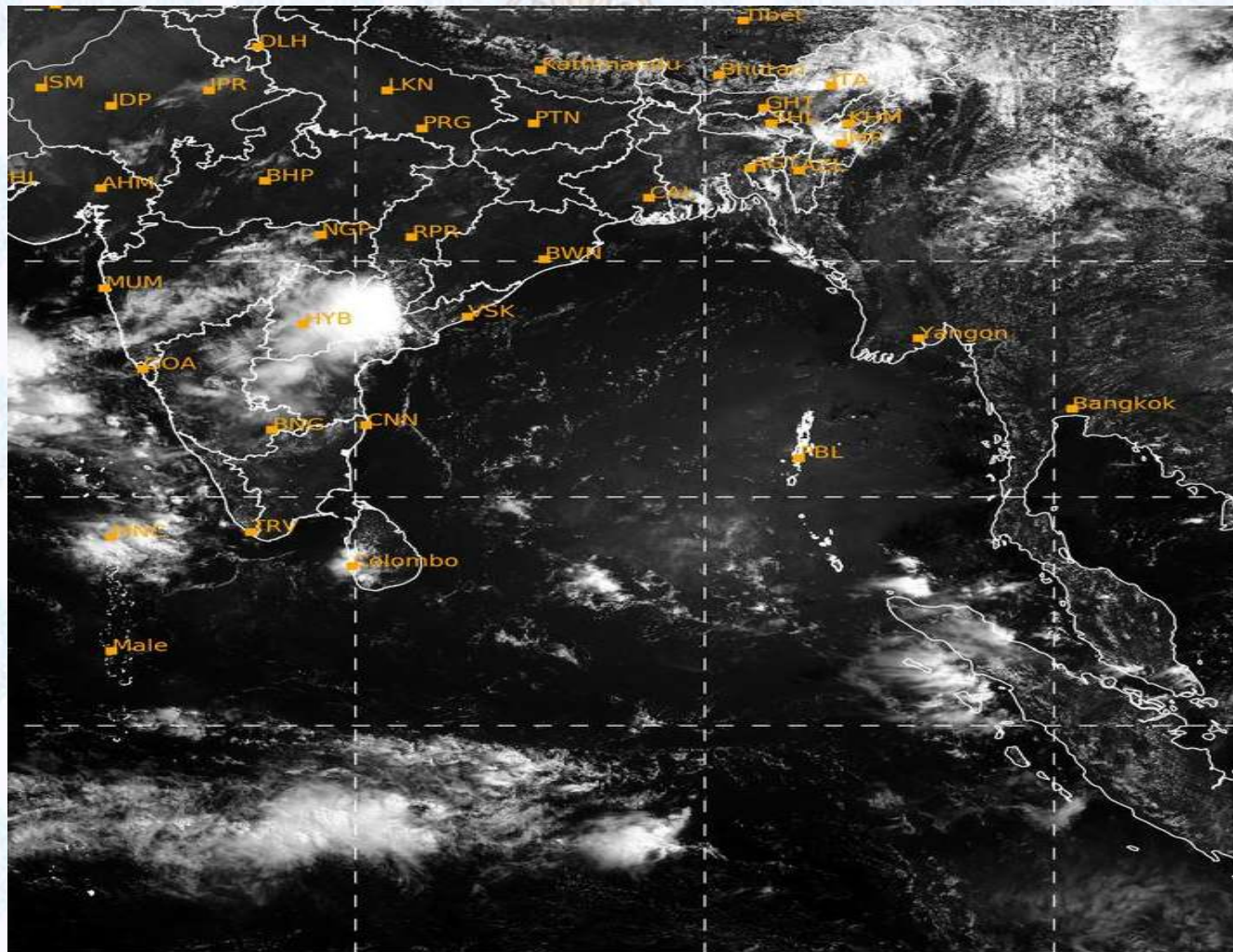


03/06/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



03/06/2021, 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 03.06.2021)

| | | |
|-------------------|------------------------------------|--|
| Part One | NO STORM WARNING. | |
| Part Two | TROUGH OF LOW LIES OVER NORTH BAY. | |
| Part Three | Weather | TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90 . |
| | Wind | SW/W 'LY, 08-12 KTS. 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 = 03,0000 UTC. CHATTOGRAM =1005 HPA |



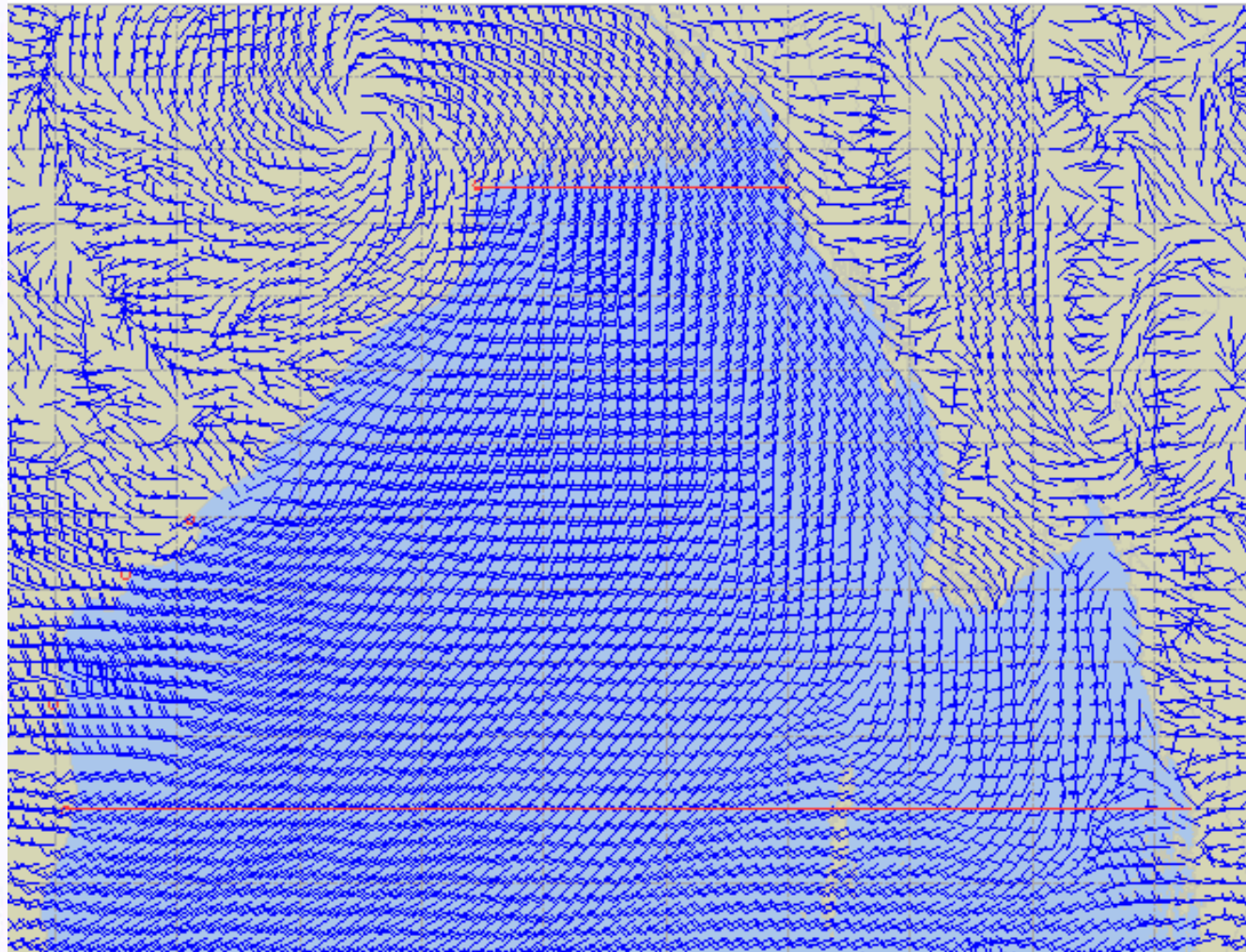
Inland River Port Warning (VALID TILL 06 PM OF 03.06.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY W/NW'LY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR, MYMENSINGH AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 04 Jun - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



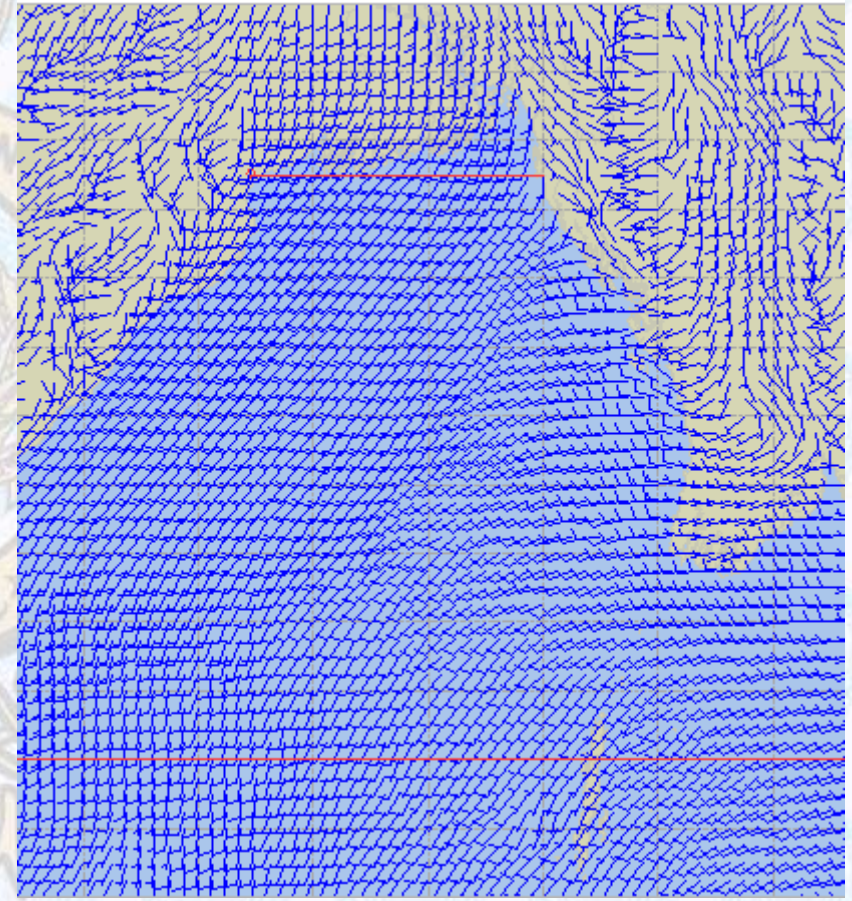
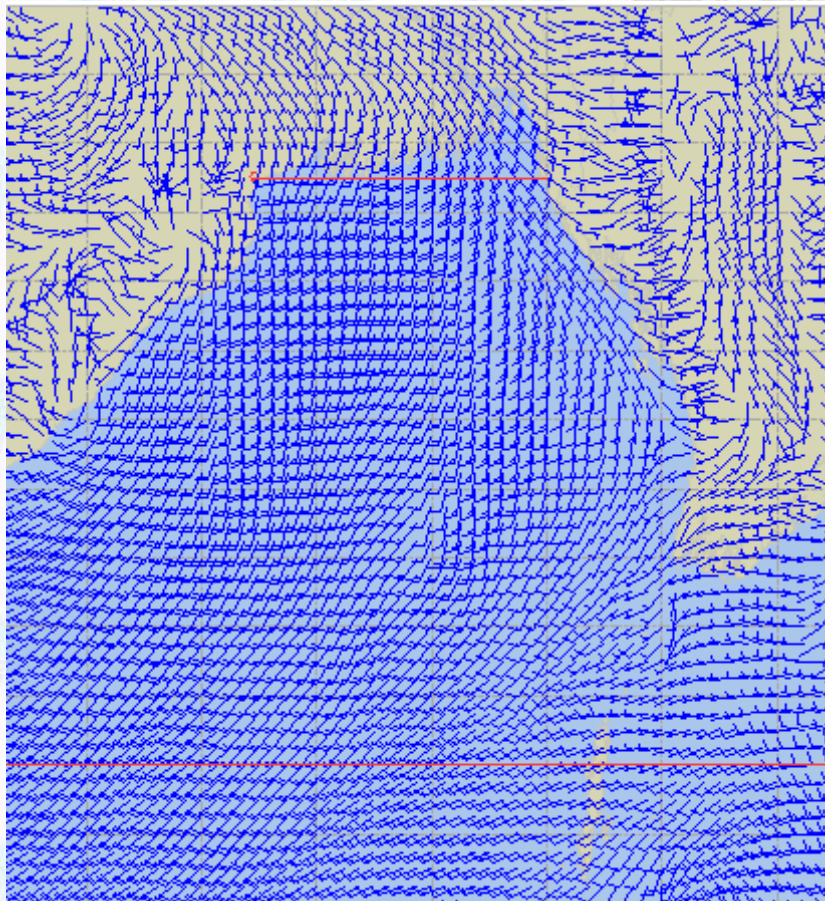
60 Knots



Surface Wind Forecast – 05 & 06 Jun - 2021

05 Jun 21 Saturday

06 Jun 21 Sunday



Legend:



Calm
Winds



5 Knots



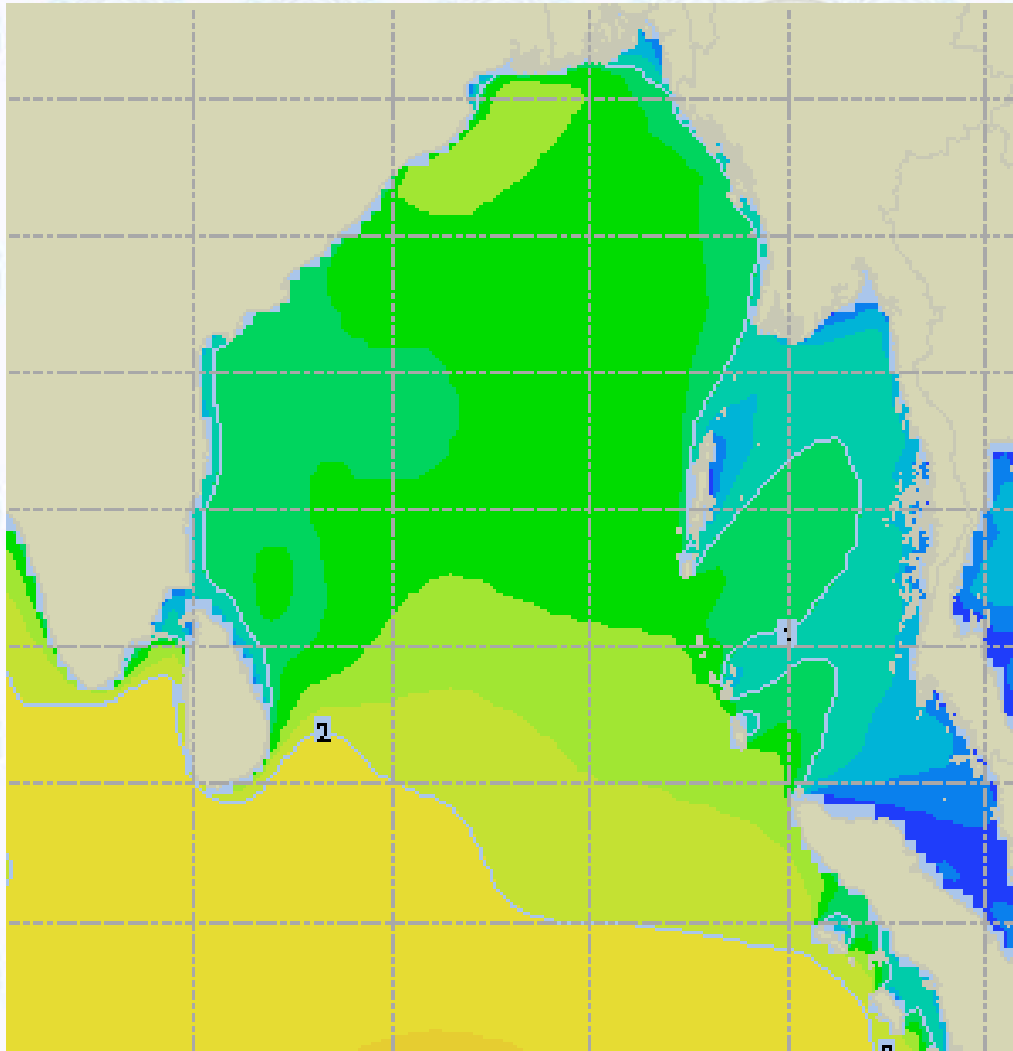
10 Knots



60 Knots



Sea State Forecast – 04 Jun - 2021



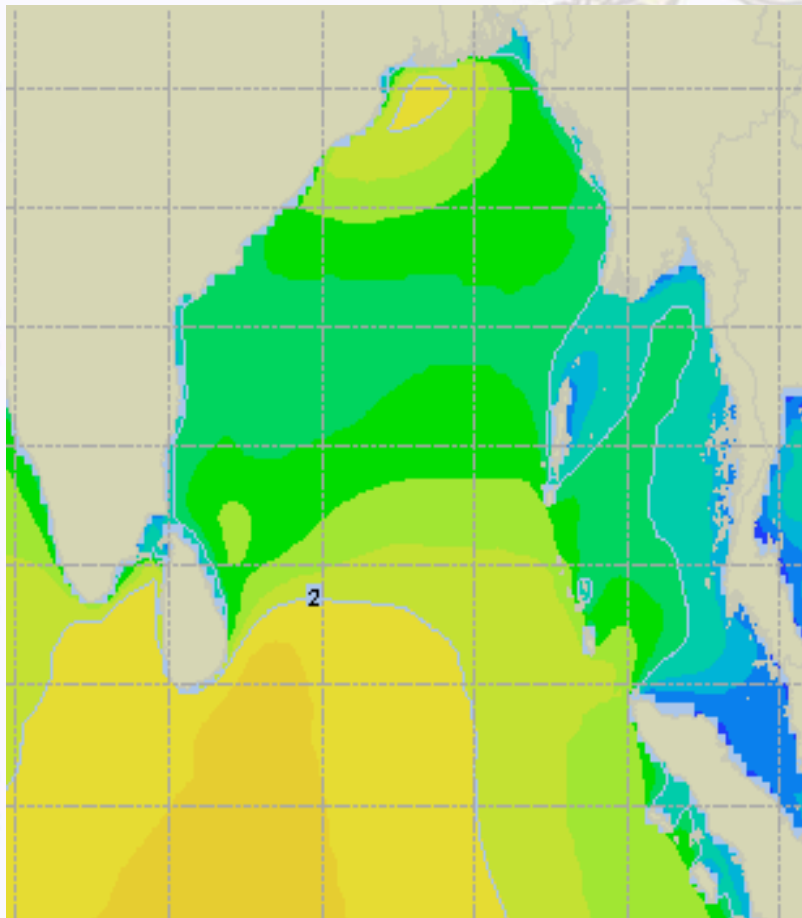
| Sea State | Ht (m) |
|-----------|------------|
| 0 | 0 |
| 1 | 0 - 0.1 |
| 2 | 0.1 - 0.5 |
| 3 | 0.5 - 1.25 |
| 4 | 1.25 - 2.5 |
| 5 | 2.5 - 4.0 |
| 6 | 4 - 6 |
| 7 | 6 - 9 |
| 8 | 9 - 14 |
| 9 | Over 14 |



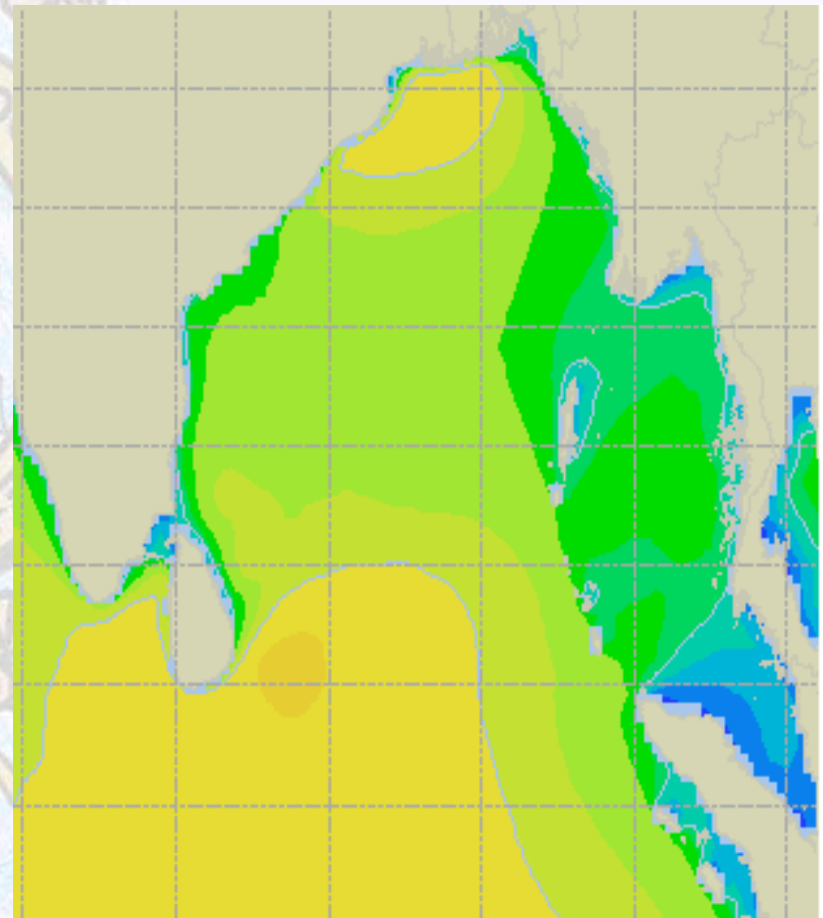


Sea State Forecast – 05 & 06 Jun - 2021

05 Jun 21 Saturday



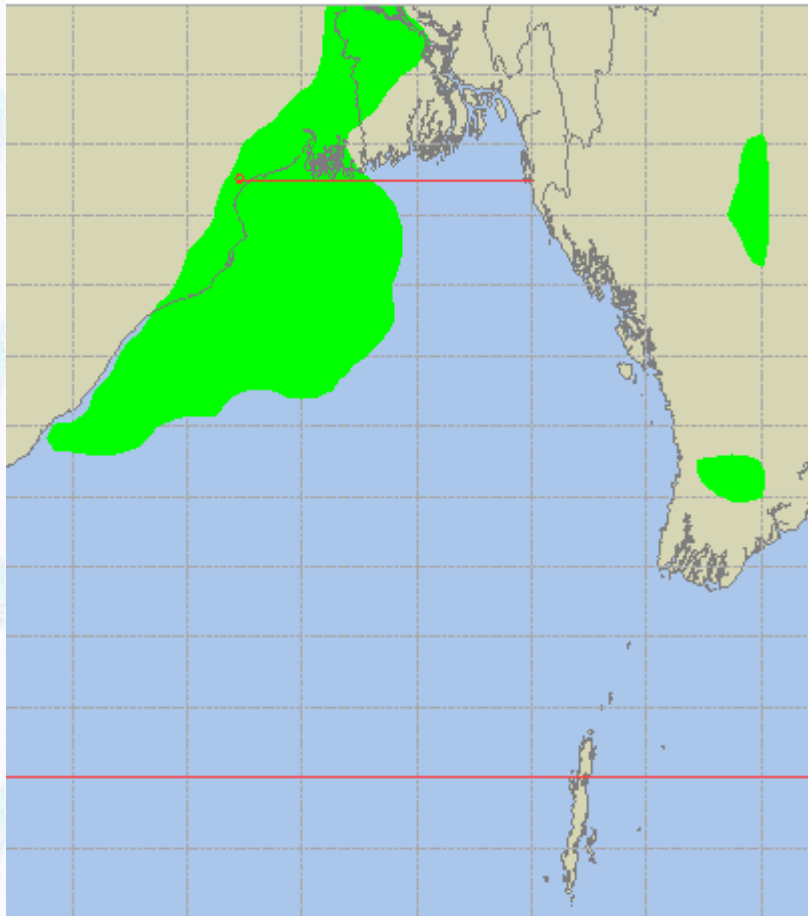
06 Jun 21 Sunday



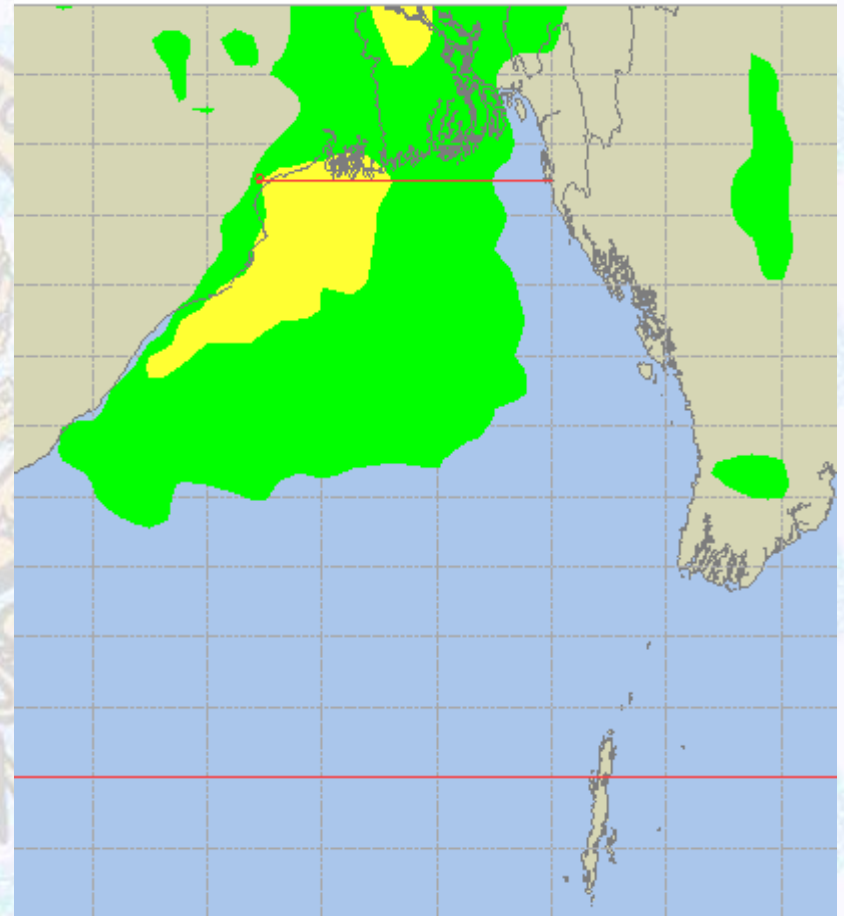


Peak Gusting Possibilities– 04 & 05 Jun 2021

04 Jun 21 Friday



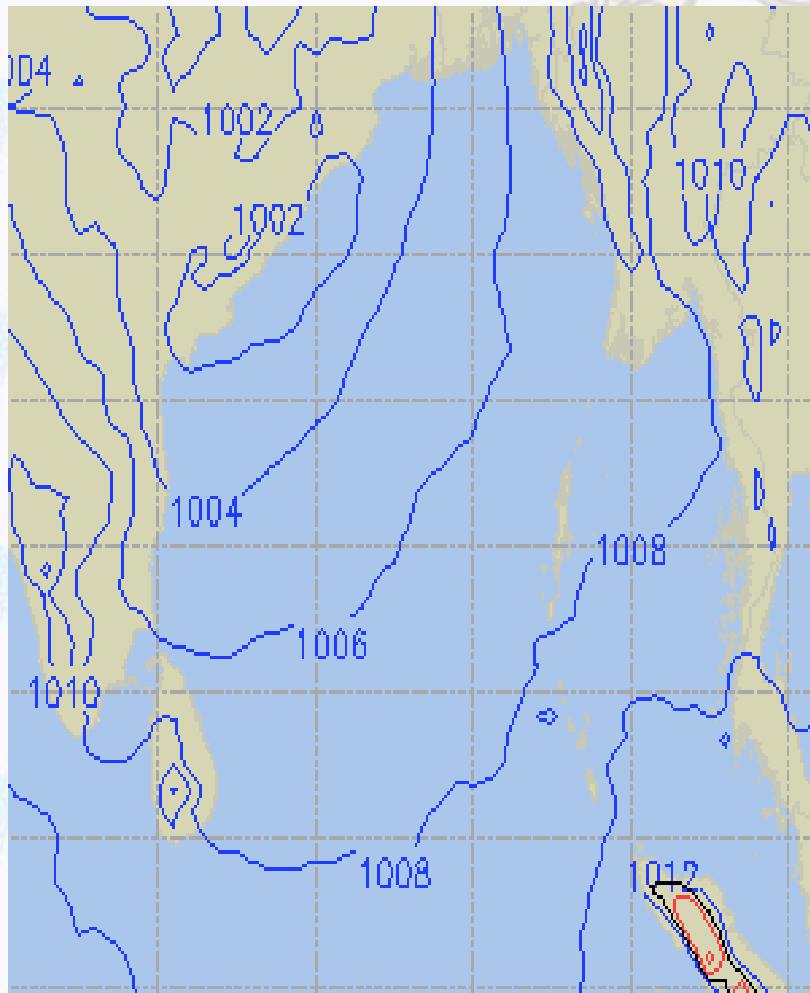
05 Jun 21 Saturday



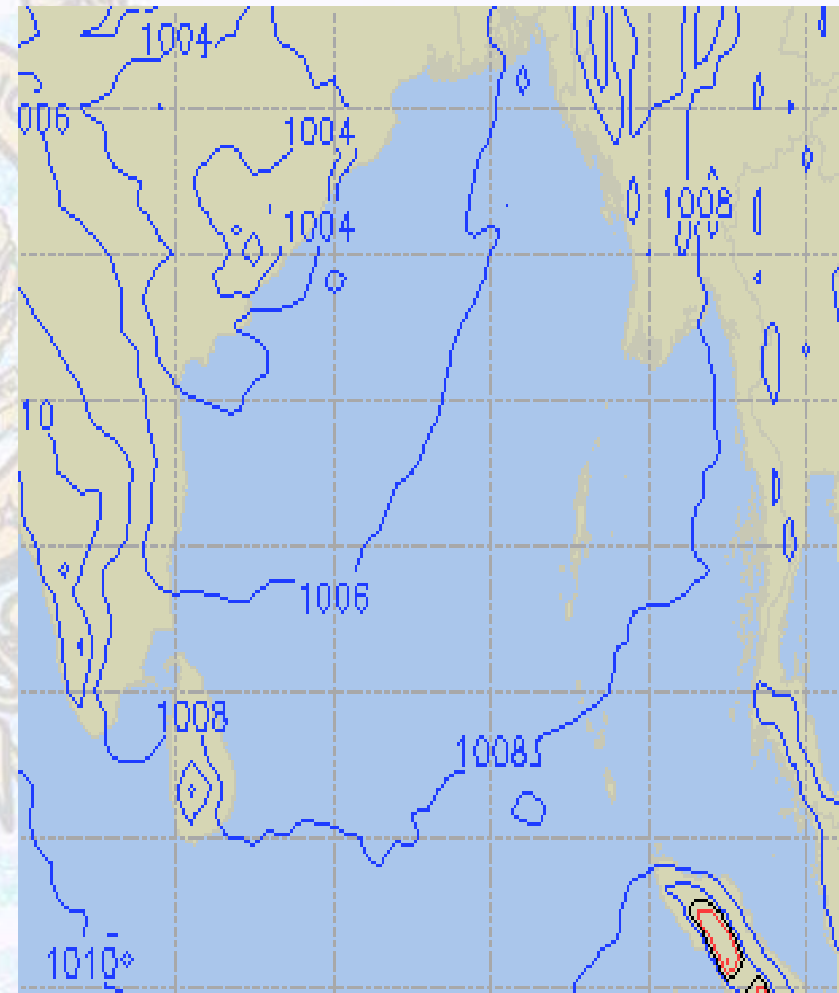


Surface Pressure forecast – 04 & 05 Jun 2021

04 Jun 21 Friday



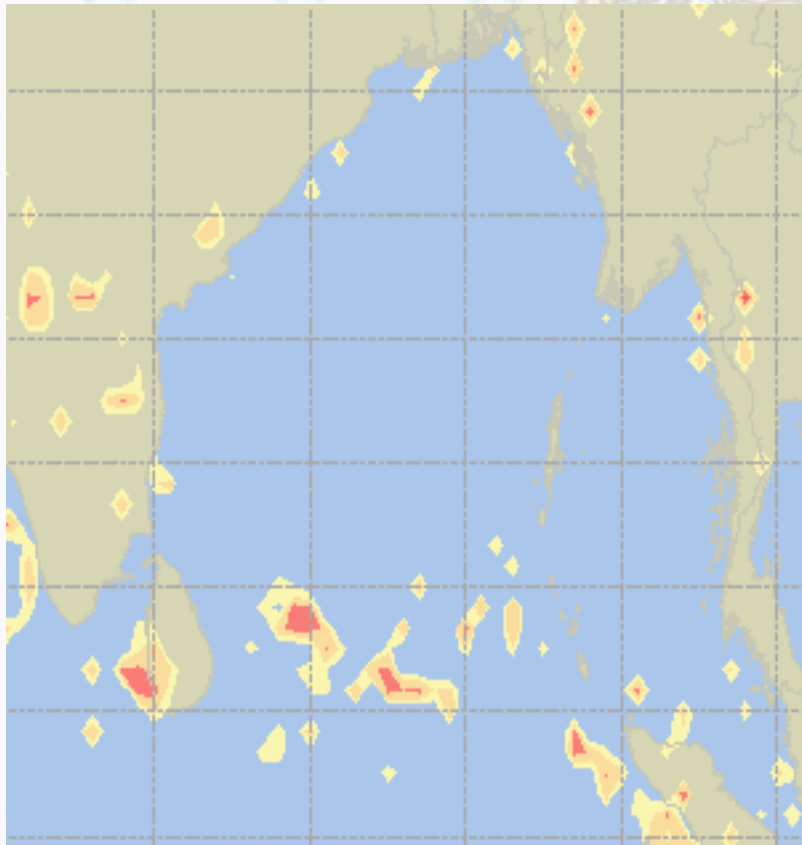
05 Jun 21 Saturday



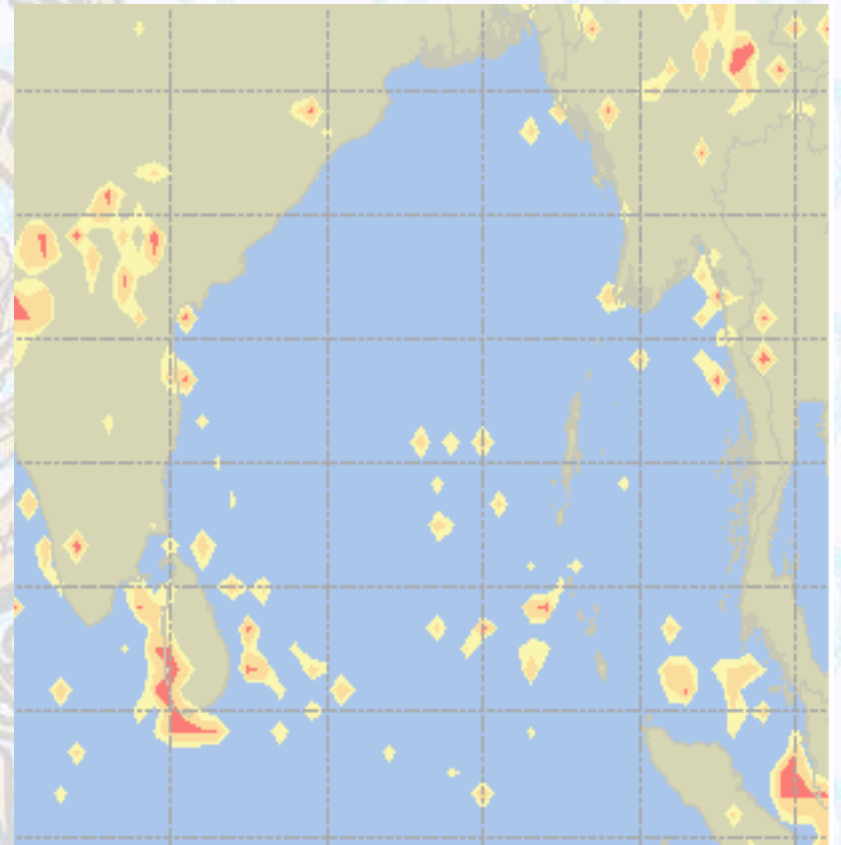


Visibility at Sea Forecast – 04 & 05 Jun 2021

04 Jun 21 Friday



05 Jun 21 Saturday



Visibility Scale:

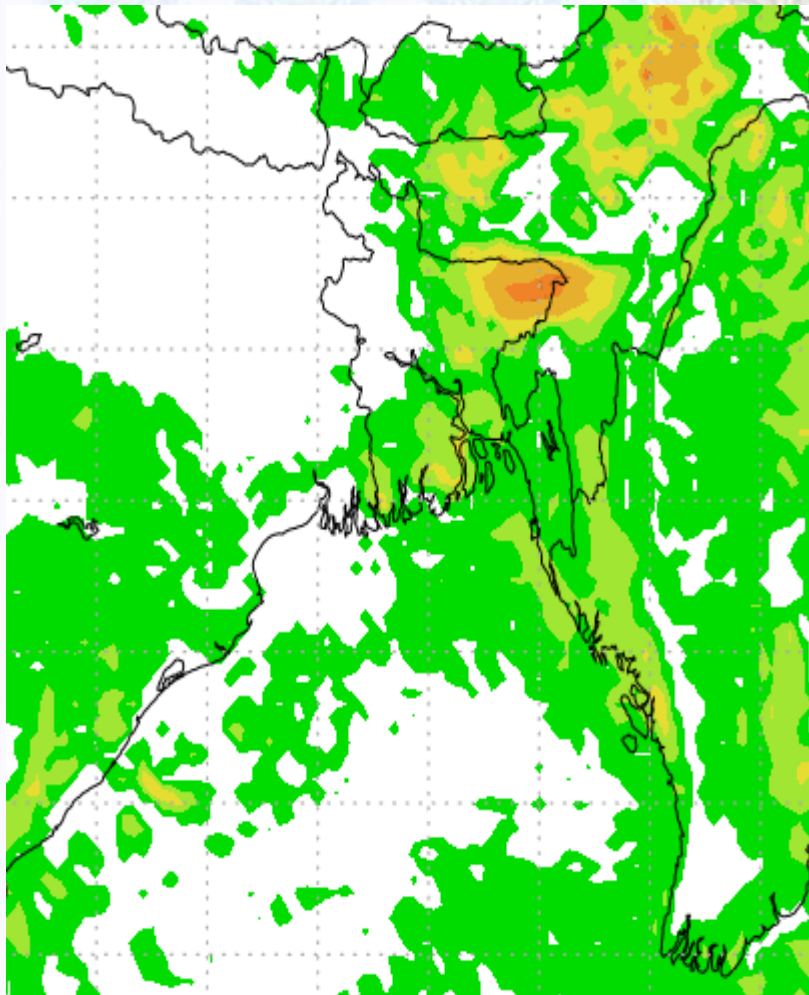


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

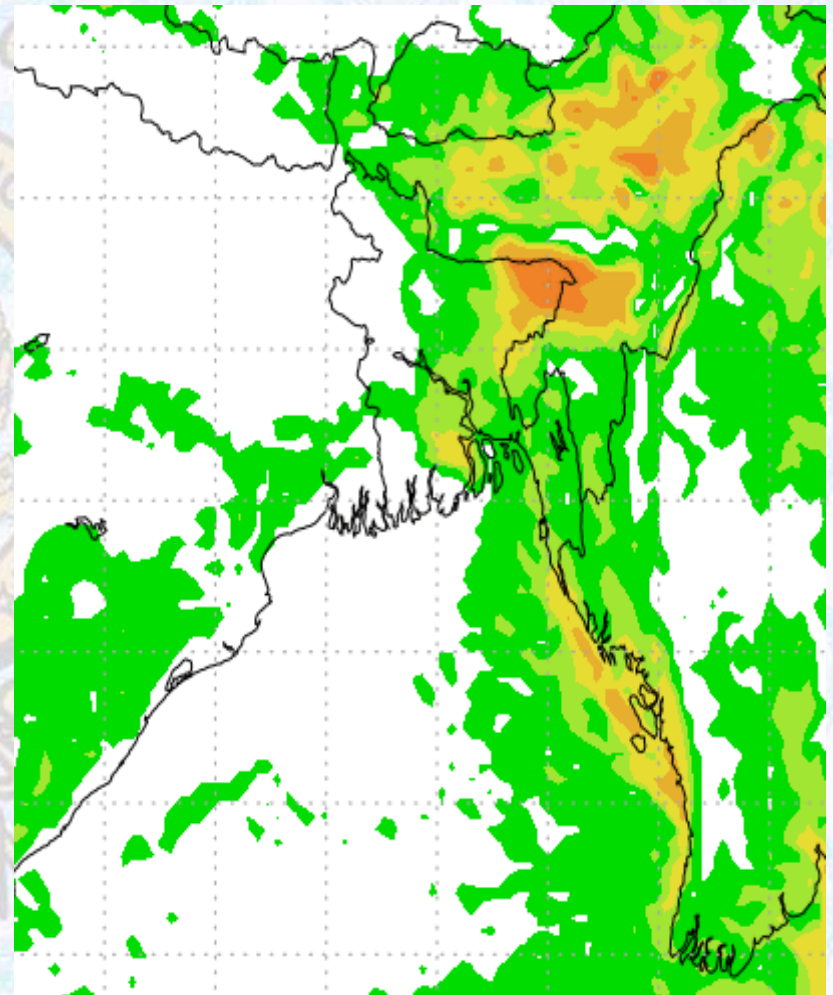


Precipitation

Rain(mm) 04 & 05 Jun 2021



Rain(mm) 05 & 06 Jun 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | Time | Height | | Time | Height | | Time | Height |
|--------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| | | | | | | | | |
| 04 Jun 2021 | 0240 | 1.26 | | 0013 | 1.37 | | 0615 | 2.66 |
| | 0858 | 4.28 | | 0612 | 2.68 | | 1219 | 1.55 |
| | 1516 | 1.50 | | 1234 | 1.39 | | 1820 | 2.63 |
| | 2115 | 4.23 | | 1830 | 2.79 | | - | - |
| 05 Jun 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0341 | 1.24 | | 0114 | 1.37 | | 0050 | 1.29 |
| | 0958 | 4.44 | | 0718 | 2.68 | | 0720 | 2.73 |
| | 1619 | 1.34 | | 1340 | 1.32 | | 1329 | 1.48 |
| | 2214 | 4.28 | | 1932 | 2.84 | | 1925 | 2.64 |
| 06 Jun 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0433 | 1.18 | | 0206 | 1.23 | | 0143 | 1.22 |
| | 1047 | 4.60 | | 0809 | 3.03 | | 0810 | 2.87 |
| | 1710 | 1.21 | | 1437 | 1.22 | | 1424 | 1.38 |
| | 2303 | 4.36 | | 2023 | 2.93 | | 2017 | 2.68 |