



WEATHER FORECAST FOR BN

29 APR - 02 MAY 2021





WEATHER FORECAST – DHAKA

29.04.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 35°C / 23°C | 35°C / 23°C | 33°C / 23°C | 31°C / 23°C |
| Wind | 11 km/h SSE | 9 km/h W | 5 km/h WNW | 11 m/h SW |
| Humidity | 43% | 41% | 53% | 64% |
| Chance of Precip | 2% | 45% | 7% | 6% |
| Cloud Cover | 14% | 10% | 10% | 15% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise / Sunset | 0525 / 1826 | | | |

Conditions

Pressure : 1009 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

29.04.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 31°C / 25°C | 32°C / 25°C | 30°C / 27°C | 28°C / 26°C |
| Wind | 12 km/h WSW | 15 km/h WSW | 10 km/h SW | 6 km/h S |
| Humidity | 67% | 70% | 87% | 88% |
| Chance of Precip. | 1% | 1% | 5% | 6% |
| Cloud Cover | 26% | 2% | 4% | 15% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise / Sunset | 0521 / 1818 | | | |

Conditions

Pressure : 1011 hpa

Visibility : 4.83 Km

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



WEATHER FORECAST – KHULNA

29.04.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|--------------|--------------|-------------|-------------|
| Temp. / Dew Point | 36°C / 23°C | 36°C / 22°C | 32°C / 25°C | 29°C / 25°C |
| Wind | 8 km/h SSW | 10 km/h SW | 12 km/h SSW | 9 m/h SSW |
| Humidity | 42% | 42% | 67% | 80% |
| Chance of Precip. | 7% | 7% | 8% | 4% |
| Cloud Cover | 13% | 26% | 20% | 26% |
| Conditions | Mostly Sunny | Mostly Sunny | Clear | Clear |
| Sunrise / Sunset | 0530 / 1828 | | | |

Conditions

Pressure : 1010 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 30 Apr 2021 | 01 May 2021 | 02 May 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 36°C / 27°C | 34°C / 26°C | 33°C / 26°C |
| Summary | Sunny | Sunny | Cloudy / Light Rain |
| Sun Rise/Set | 5h 24m54s/18h26m54s | 5h 24m12s/18h27m24s | 5h 23m36s/18h27m54s |
| Day Length | 13h02m00s | 13h03m12s | 13h04m18s |
| Moon Rise/ Set | 10:11PM / 8:01AM | 11:14PM / 9:01AM | - / 10.02AM |
| Moon Phase/ illu | Waning Gibbous, 85% | Waning Gibbous, 75% | Waning Gibbous, 65% |
| Nautical Twilight | 04:34, 19:17 | 04:34, 19:17 | 04:33, 19:18 |
| Civil Twilight | 05:02, 18:49 | 05:02, 18:49 | 05:01, 18:50 |
| Humidity | D : 54% N : 67% | D : 54% N : 67% | D : 72% N : 82% |
| Barometer (mb) | 1008 | 1007 | 1007 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 22% | 24% | 41% |
| Wind (km/hr) | 10 Km/h, SSW | 12 Km/h, S | 14 Km/h, S |

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



GENERAL WEATHER FORECAST – CHATTOGRAM

| Description | 30 Apr 2021 | 01 May 2021 | 02 May 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 31°C/ 25°C | 30°C/ 25°C | 31°C/ 25°C |
| Summary | Partly Cloudy | Partly Cloudy | Cloudy / Light Rain |
| Sun Rise/Set | 5h21m12s/ 18h19m12s | 5h20m36s/ 18h19m42s | 5h20m00s/ 18h20m06s |
| Day Length | 12h58m00s | 12h59m06s | 13h00m06s |
| Moon Rise/ Set | 10:02PM / 7:59AM | 11:05PM / 8:58AM | - / 10.02AM |
| Moon Phase/ illu | Waning Gibbous, 85% | Waning Gibbous, 75% | Waning Gibbous, 65% |
| Nautical Twilight | 04:31, 19:09 | 04:31, 19:09 | 04:28, 19:10 |
| Civil Twilight | 04:58, 18:41 | 04:58, 18:41 | 04:56, 18:43 |
| Humidity | D : 84% N : 92% | D : 85% N : 93% | D : 85% N : 93% |
| Barometer (mb) | 1008 | 1009 | 1009 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 24% | 34% | 43% |
| Wind (km/hr) | 16 Km/h, SW | 14 Km/h, SW | 14 Km/h, SW |

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



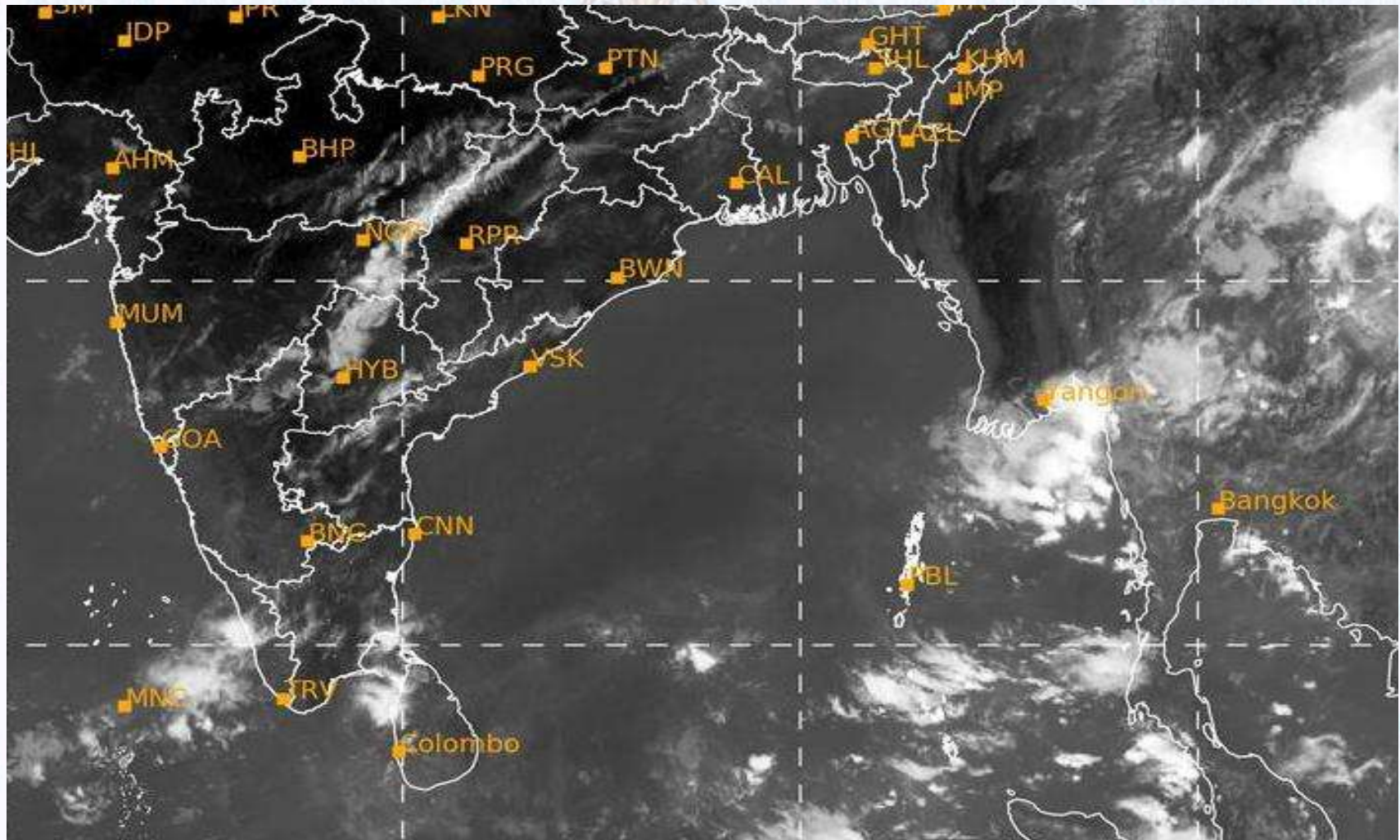
GENERAL WEATHER FORECAST – KHULNA

| Description | 30 Apr 2021 | 01 May 2021 | 02 May 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature(C) | 35°C/ 27°C | 34°C/ 27°C | 33°C/ 27°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 5h29m36s/ 18h29m00s | 5h29m00s/ 18h29m30s | 5h28m24s/ 18h29m54s |
| Day Length | 12h 59m 24s | 13h 00m 30s | 13h 01m 30s |
| Moon Rise/Set | 10:12PM / 8:07AM | 11:15PM / 9:06AM | - / 10.02AM |
| Moon Phase/illu | Waning Gibbous, 93% | Waning Gibbous, 75% | Waning Gibbous, 65% |
| Nautical Twilight | 04:39, 19:19 | 04:39, 19:19 | 04:37, 19:20 |
| Civil Twilight | 05:07, 18:51 | 05:07, 18:51 | 05:04, 18:53 |
| Humidity | D : 64% N : 85% | D : 64% N : 85% | D : 72% N : 85% |
| Barometer (mb) | 1007 | 1007 | 1007 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 6% | 13% | 24% |
| Wind (km/hr) | 14 Km/h, SSW | 16 Km/h, SSW | 17 Km/h, SSW |

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



SATELLITE VIEW OF BAY OF BENGAL

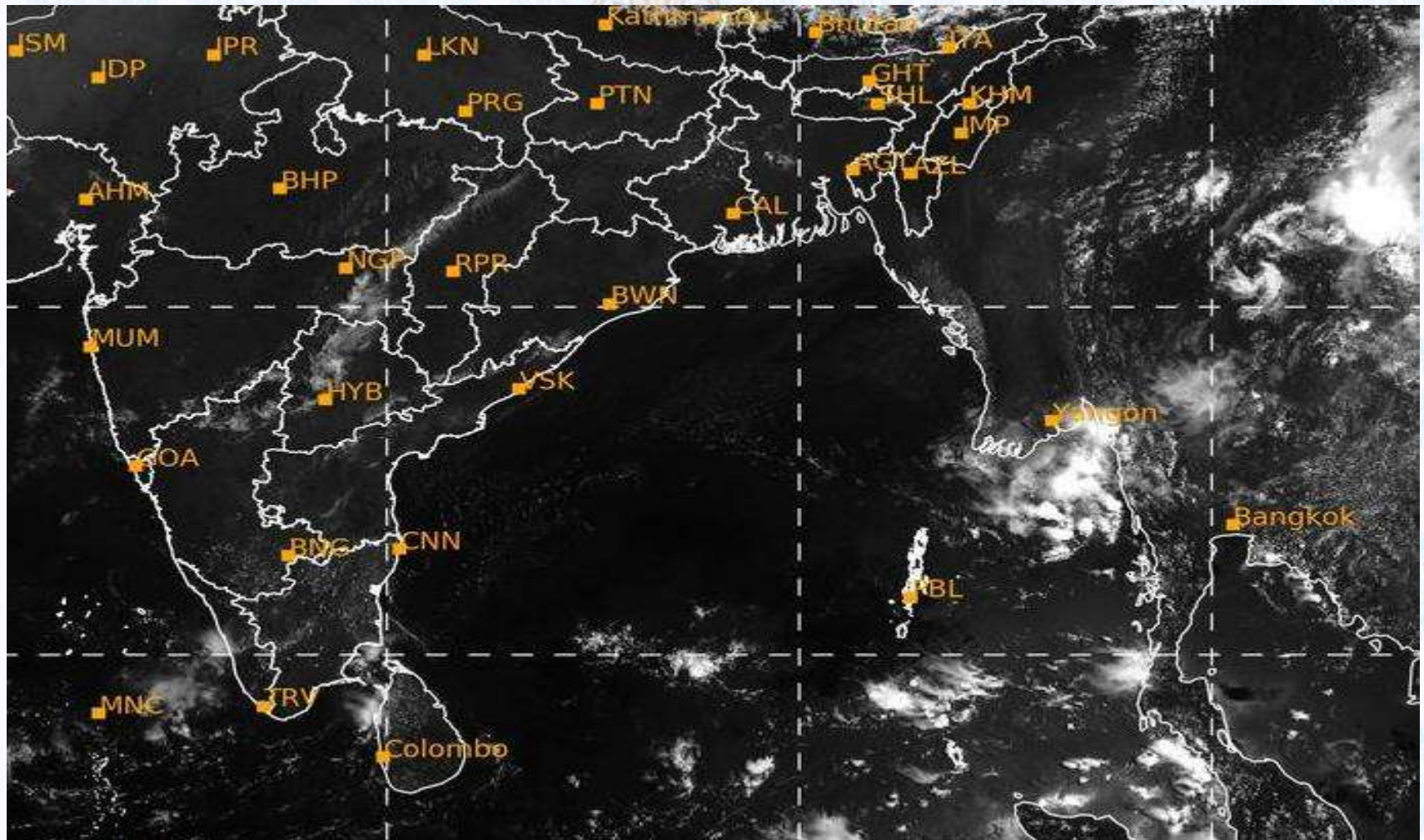


29/04/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



29/04/2021, 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 29.04.2021)

| | | |
|-------------------|------------------------------------|--|
| Part One | NO STORM WARNING. | |
| Part Two | TROUGH OF LOW LIES OVER NORTH BAY. | |
| Part Three | Weather | TEMPORARY PARTLY CLOUDY OVER AREA -C90. |
| | Wind | W/SW 'LY, 10-15 KTS. |
| | Visibility | 03-05 KMS, REDUCING TO 3000 M OR LESS IN HAZE. |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT = 29,0000 UTC. CHATTOGRAM =1010 HPA |



Inland River Port Warning (VALID TILL 06 PM OF 29.04.2020)

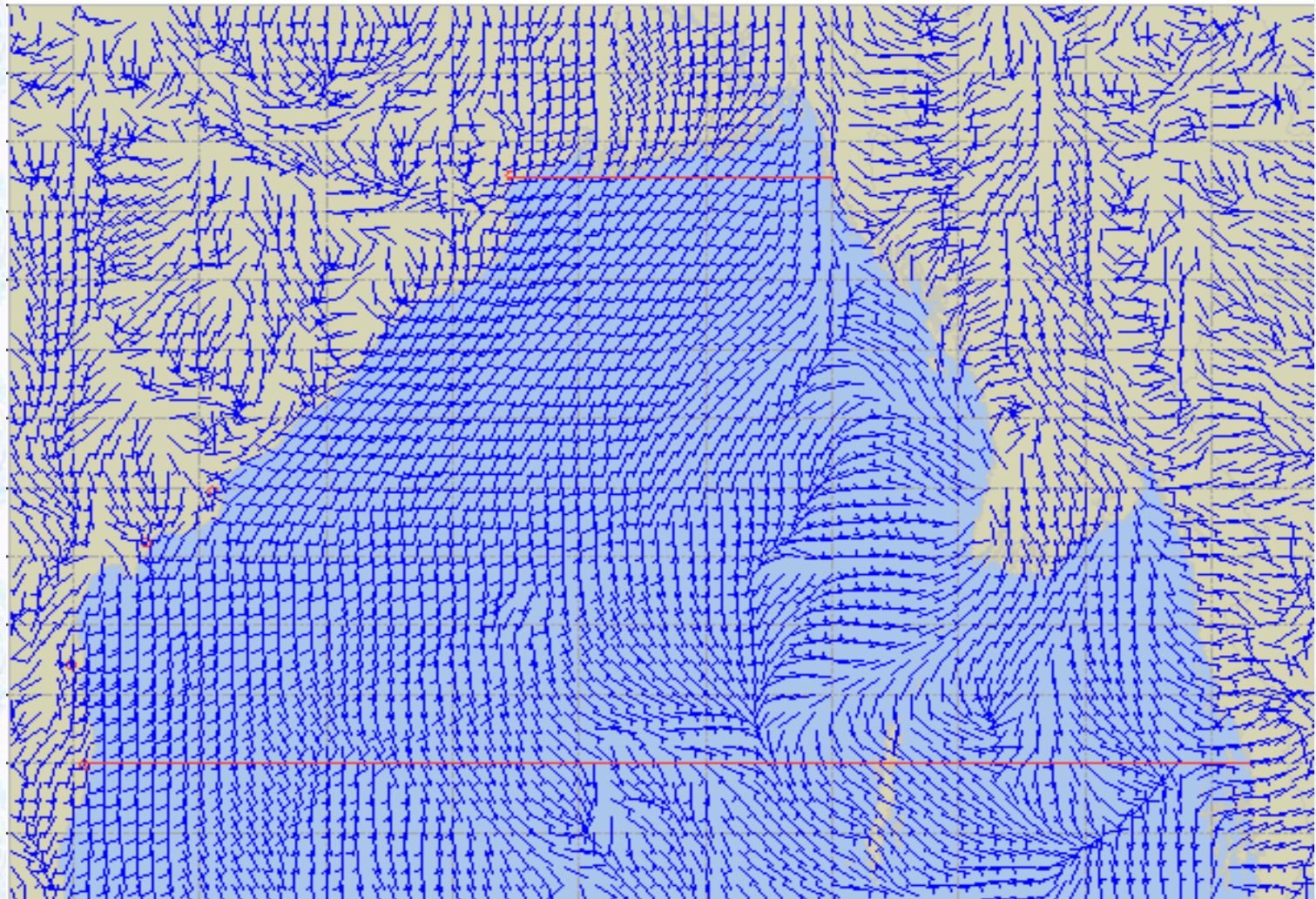
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 30 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



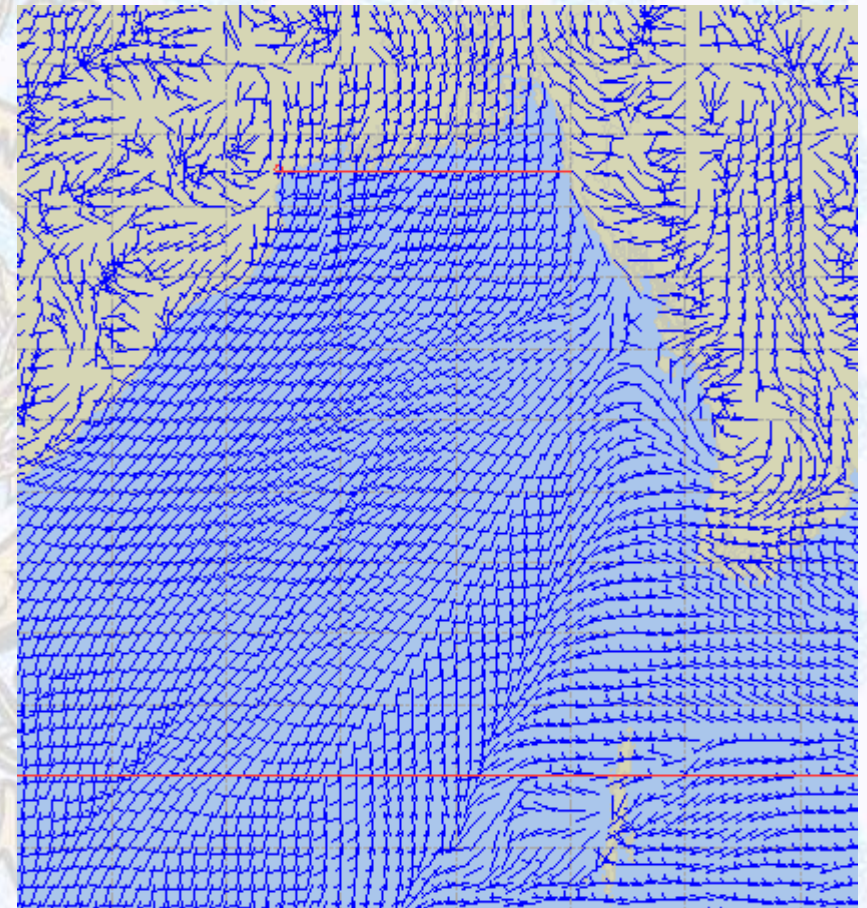
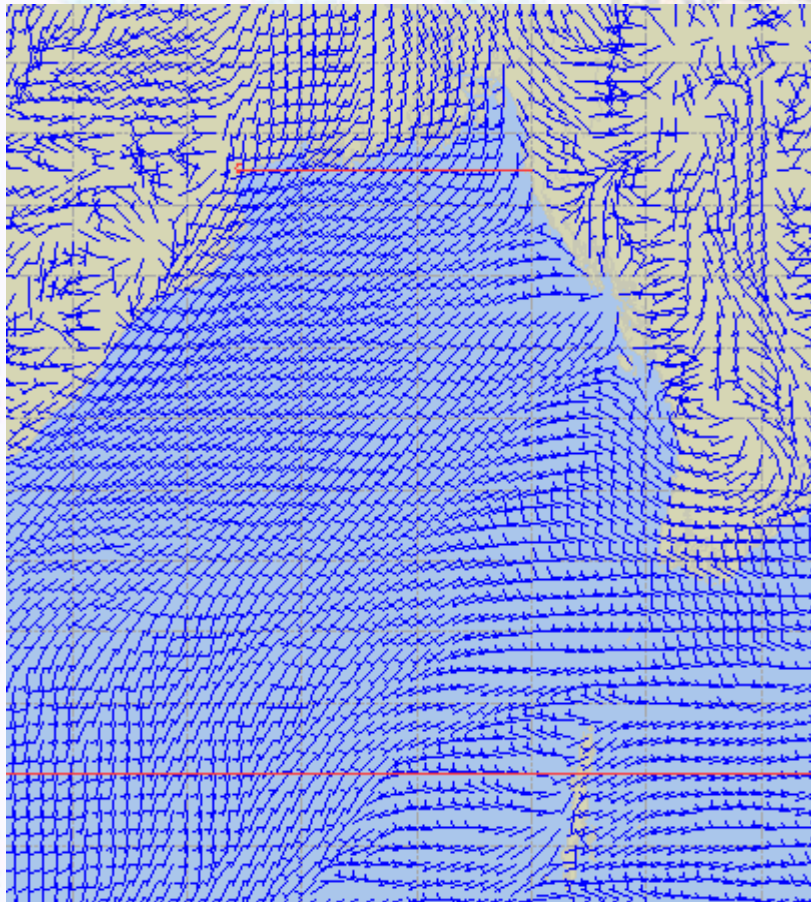
60 Knots



Surface Wind Forecast – 01 & 02 May - 2021

01 May 21 Saturday

02 May 21 Sunday



Legend:



Calm
Winds



5 Knots



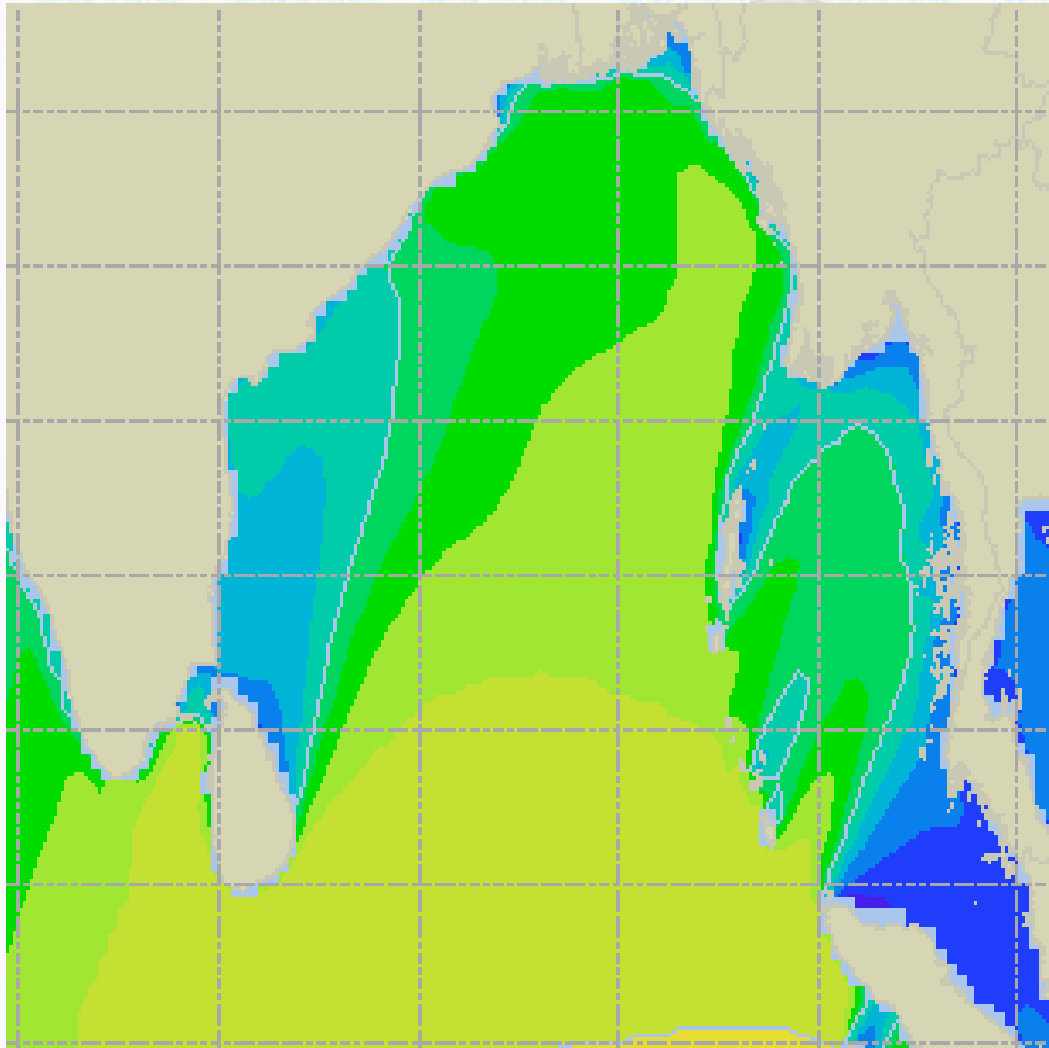
10 Knots



60 Knots



Sea State Forecast – 30 Apr - 2021



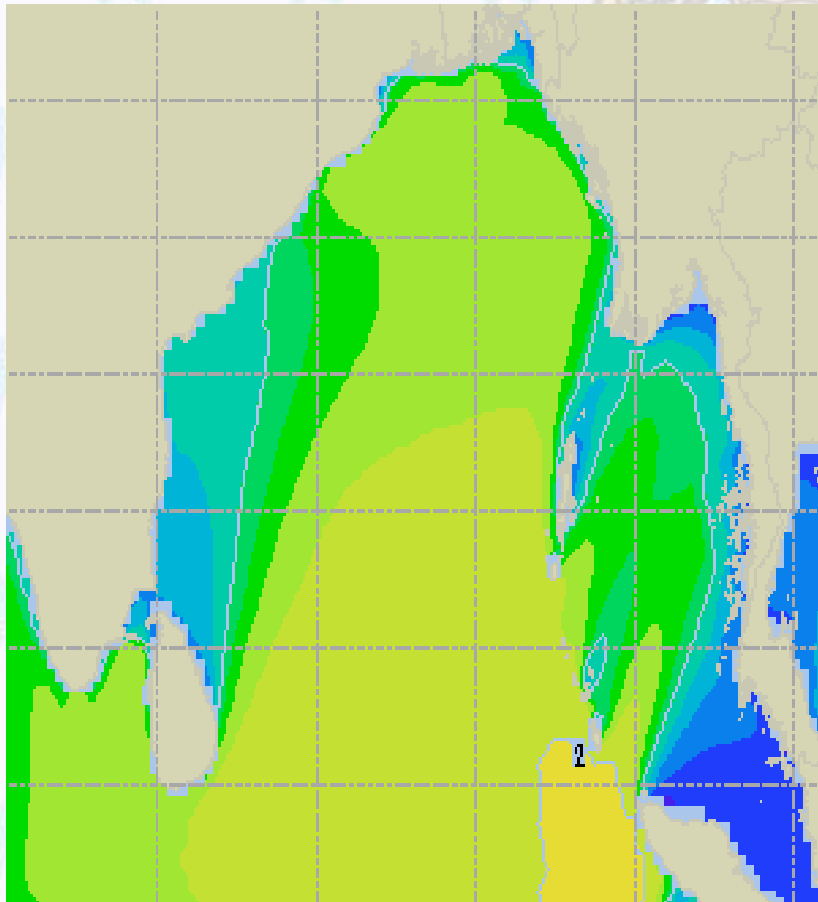
| Sea State | Ht (m) |
|-----------|------------|
| 0 | 0 |
| 1 | 0 - 0.1 |
| 2 | 0.1 - 0.5 |
| 3 | 0.5 - 1.25 |
| 4 | 1.25 - 2.5 |
| 5 | 2.5 - 4.0 |
| 6 | 4 - 6 |
| 7 | 6 - 9 |
| 8 | 9 - 14 |
| 9 | Over 14 |



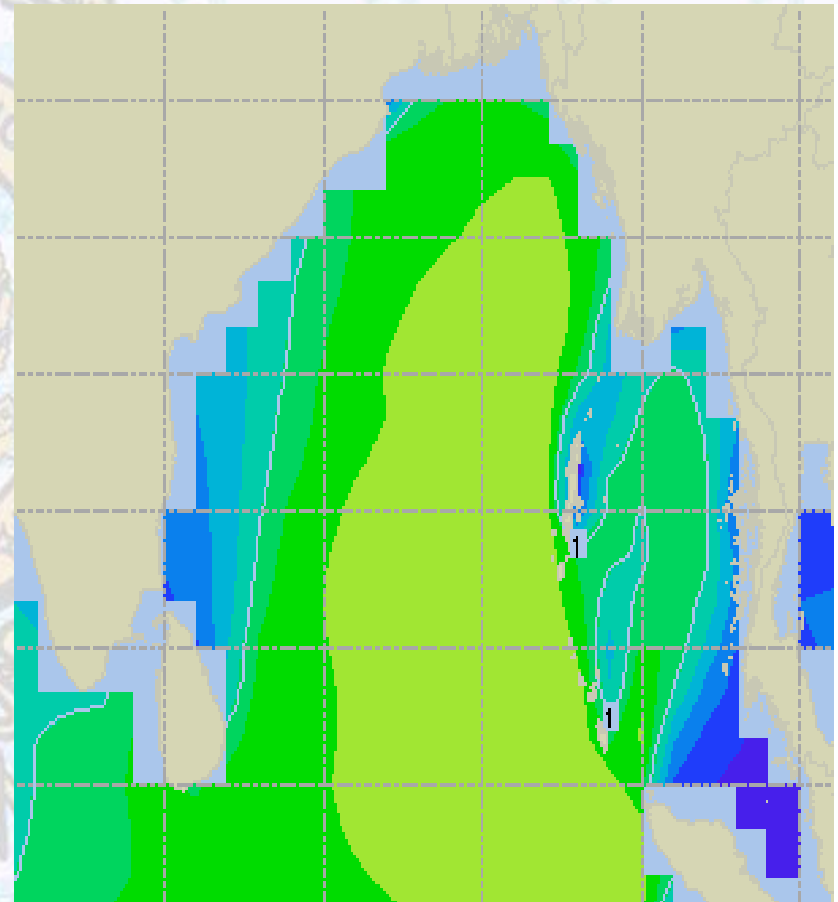


Sea State Forecast – 01 & 02 May - 2021

01 May 21 Saturday



02 May 21 Sunday

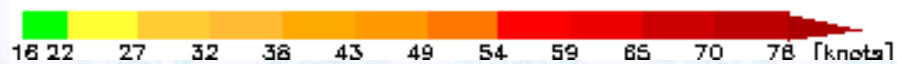
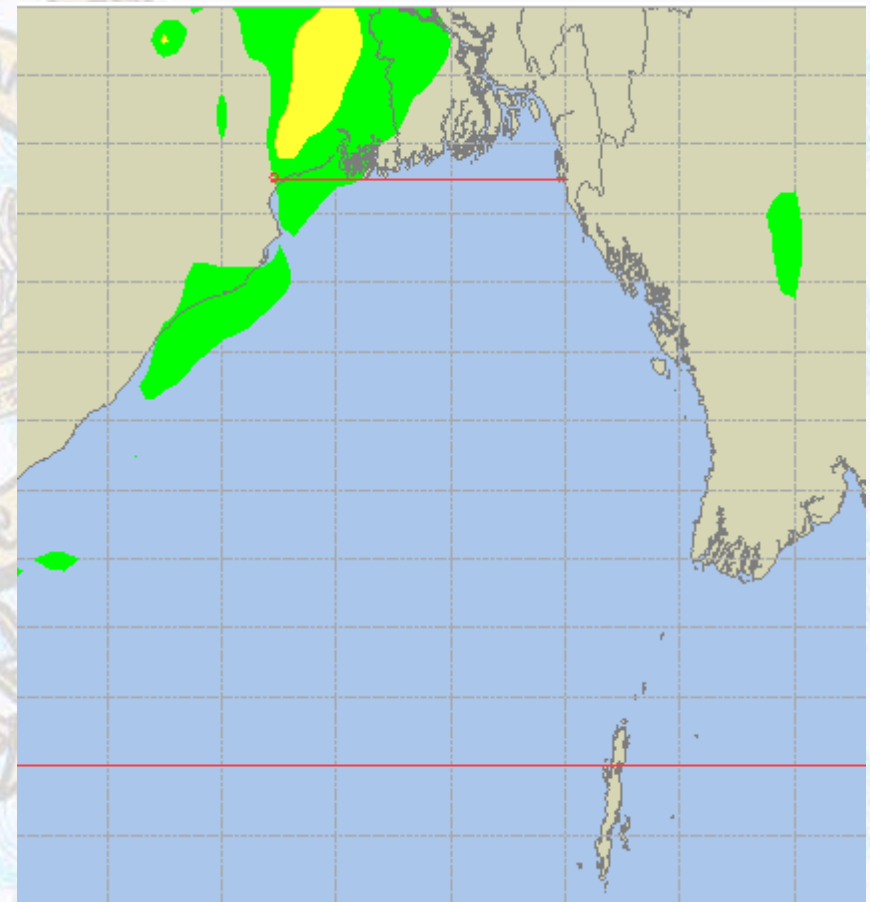
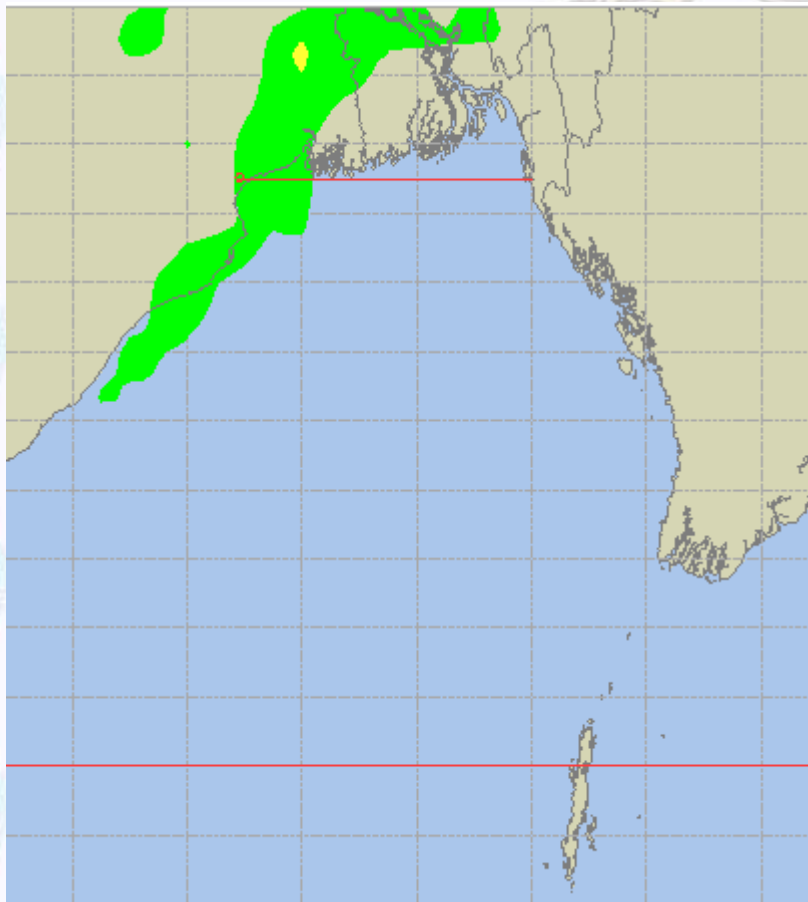




Peak Gusting Possibilities—30 Apr & 01 May 2021

30 Apr 21 Friday

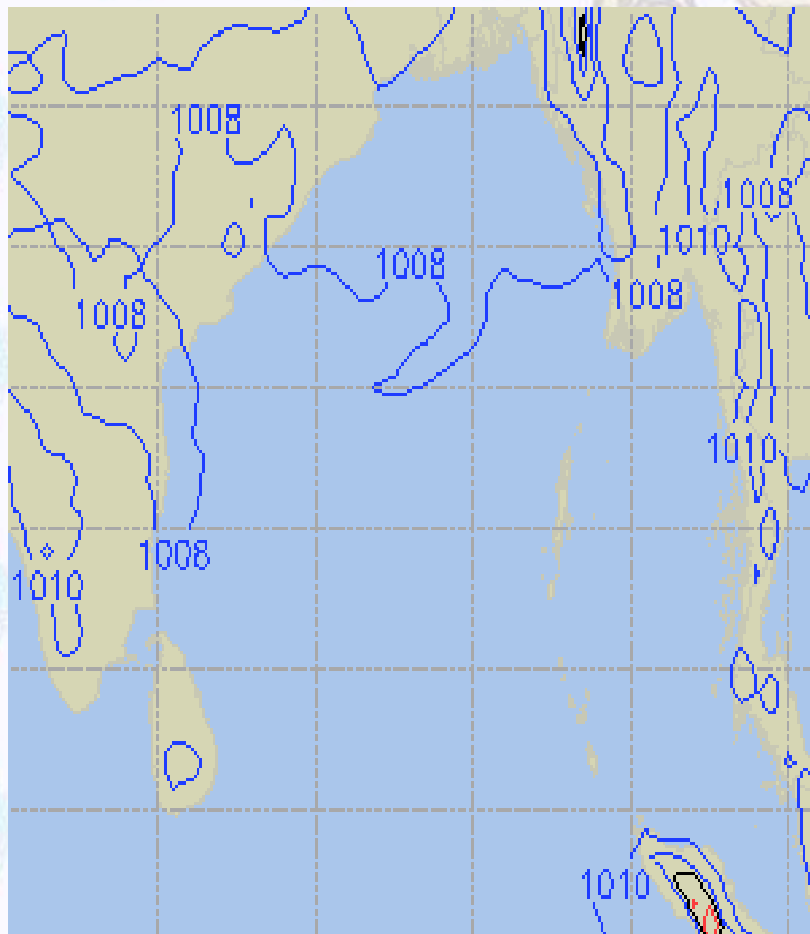
01 May 21 Saturday



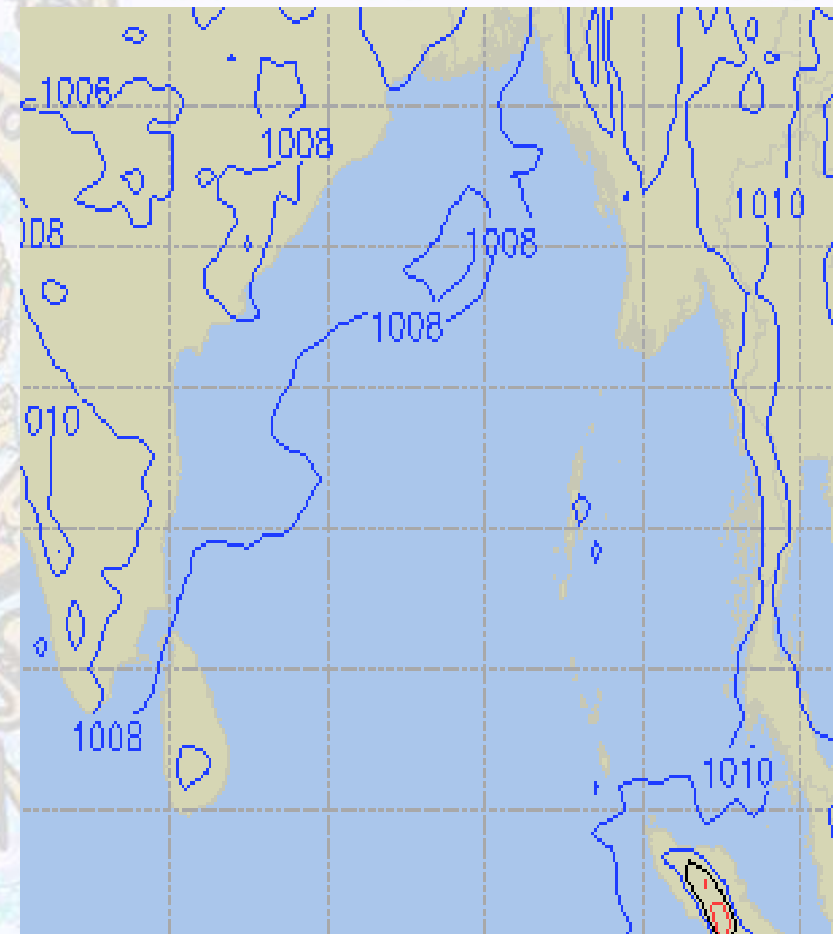


Surface Pressure forecast – 30 Apr & 01 May 2021

30 Apr 21 Friday



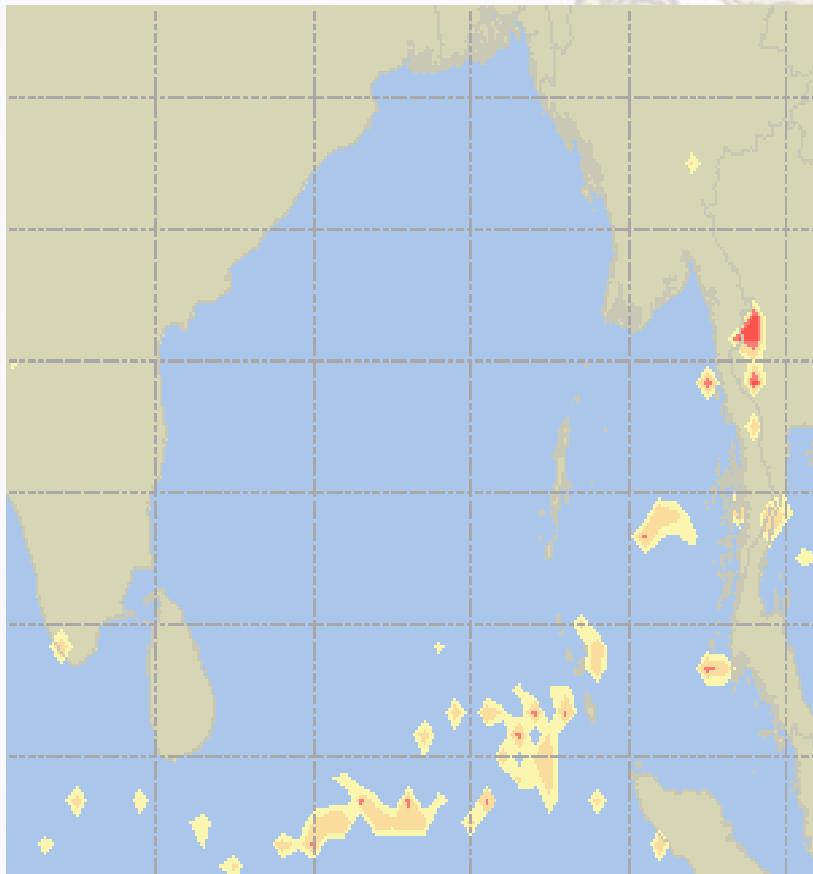
01 May 21 Saturday



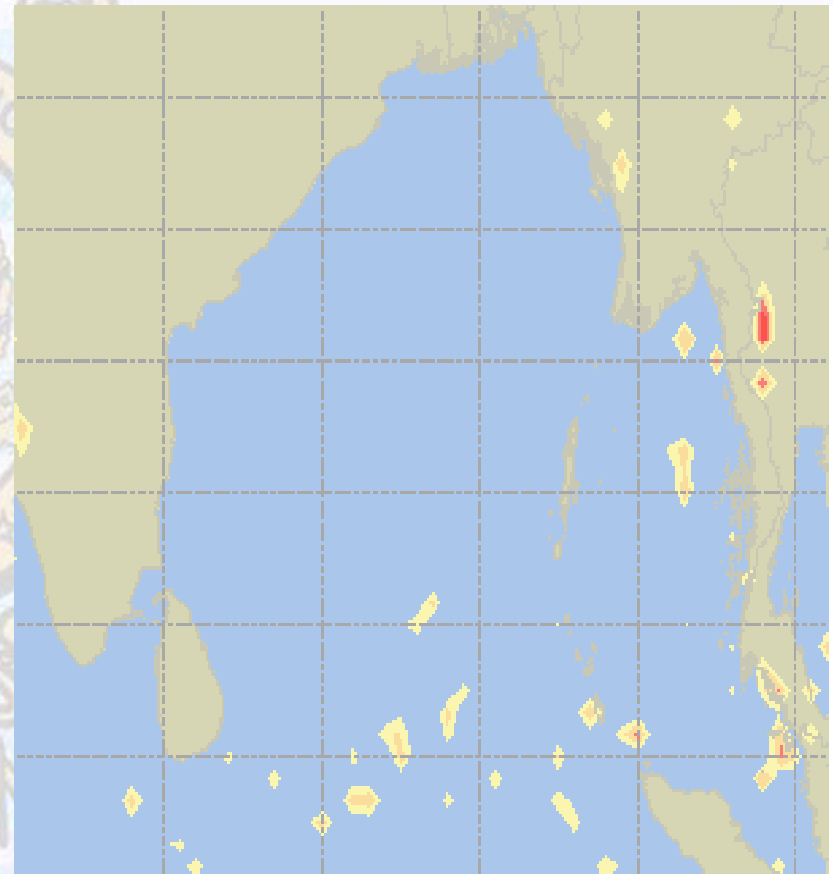


Visibility at Sea Forecast – 30 Apr & 01 May 2021

30 Apr 21 Friday



01 May 21 Saturday



Visibility Scale:

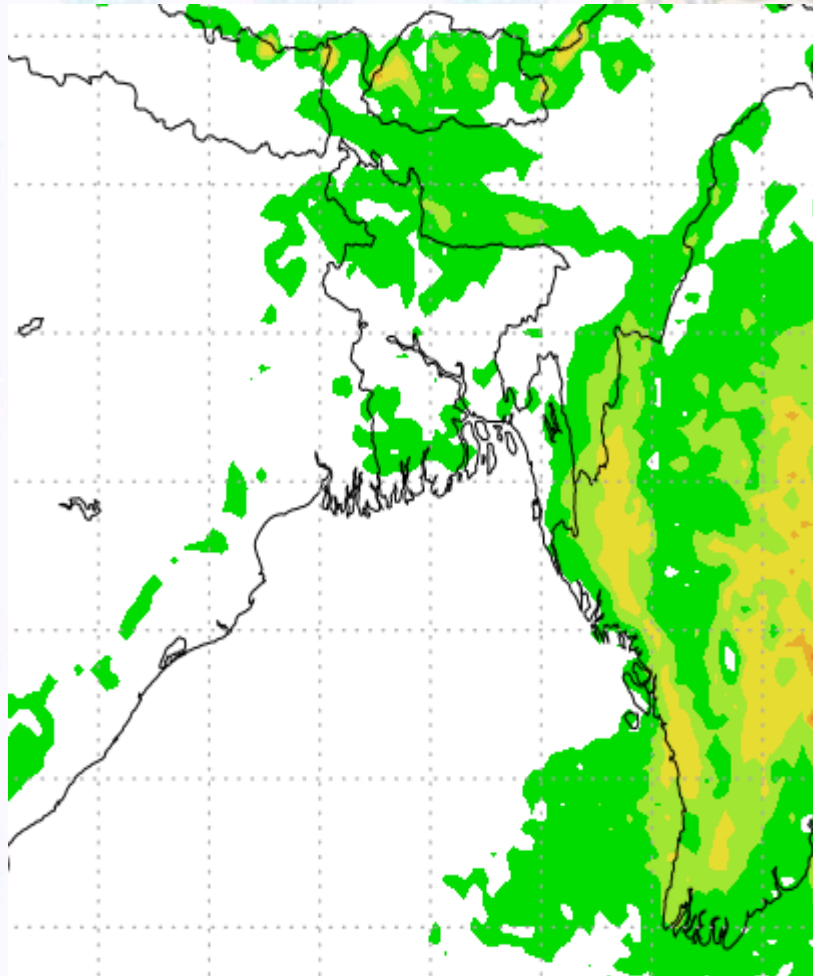


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

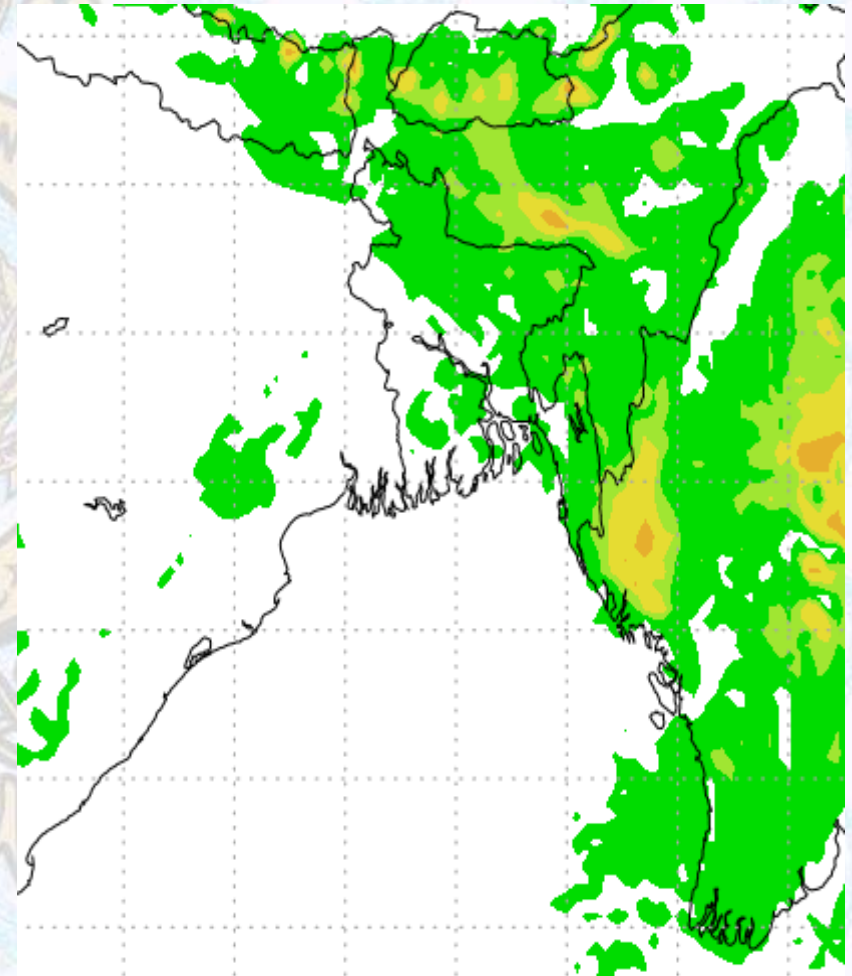


Precipitation

Rain(mm) 30 Apr & 01 May 21



Rain(mm) 01 & 02 May 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | | | | | | | | |
|--------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| 30 Apr 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0244 | 4.61 | | 0021 | 3.36 | | 0019 | 2.90 |
| | 0915 | 0.43 | | 0654 | 0.28 | | 0636 | 0.42 |
| | 1507 | 4.88 | | 1249 | 3.62 | | 1244 | 3.16 |
| | 2149 | 0.60 | | 1924 | 0.49 | | 1913 | 0.67 |
| 01 May 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0334 | 4.39 | | 0106 | 3.12 | | 0103 | 2.74 |
| | 0958 | 0.64 | | 0735 | 0.47 | | 0716 | 0.63 |
| | 1559 | 4.66 | | 1335 | 3.38 | | 1330 | 3.00 |
| | 2241 | 0.80 | | 2009 | 0.68 | | 2001 | 0.87 |
| 02 May 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0431 | 4.12 | | 0155 | 2.84 | | 0151 | 2.55 |
| | 1048 | 0.94 | | 0818 | 0.70 | | 0801 | 0.88 |
| | 1659 | 4.40 | | 1425 | 3.11 | | 1422 | 2.81 |
| | 2344 | 1.01 | | 2059 | 0.89 | | 2100 | 1.06 |