



WEATHER FORECAST FOR BN

25 - 28 APR 2021





WEATHER FORECAST – DHAKA

25.04.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 37°C / 20°C | 37°C / 21°C | 33°C / 22°C | 31°C / 22°C |
| Wind | 10 km/h WSW | 11 km/h W | 6 km/h E | 10 m/h S |
| Humidity | 35% | 36% | 51% | 60% |
| Chance of Precip | 1% | 1% | 1% | 1% |
| Cloud Cover | 9% | 10% | 4% | 2% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise / Sunset | 0528 / 1824 | | | |

Conditions

Pressure : 1008 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

25.04.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 34°C / 23°C | 34°C / 23°C | 31°C / 25°C | 28°C / 24°C |
| Wind | 15 km/h WNW | 16 km/h W | 12 km/h WNW | 4 km/h NNW |
| Humidity | 52% | 53% | 74% | 80% |
| Chance of Precip. | 1% | 2% | 3% | 4% |
| Cloud Cover | 8% | 6% | 3% | 24% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise / Sunset | 0524 / 1817 | | | |

Conditions

Pressure : 1008 hpa

Visibility : 4.51 Km

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



WEATHER FORECAST – KHULNA

25.04.2021

| Hourly | 2 PM | 4 PM | 8 PM | 11 PM |
|-------------------|-------------|-------------|-------------|-------------|
| Temp. / Dew Point | 38°C / 19°C | 38°C / 18°C | 33°C / 21°C | 29°C / 23°C |
| Wind | 11 km/h SW | 10 km/h SW | 9 km/h SW | 9 m/h SW |
| Humidity | 32% | 31% | 51% | 67% |
| Chance of Precip. | 1% | 1% | 1% | 2% |
| Cloud Cover | 12% | 9% | 6% | 4% |
| Conditions | Sunny | Sunny | Clear | Clear |
| Sunrise / Sunset | 0533 / 1826 | | | |

Conditions

Pressure : 1008 hpa

Visibility : 11.27 Km

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



GENERAL WEATHER FORECAST – DHAKA

| Description | 26 Apr 2021 | 27 Apr 2021 | 28 Apr 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 39°C / 27°C | 38°C / 27°C | 38°C / 27°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 5h 27m48s/18h25m00s | 5h 26m54s/18h25m24s | 5h 26m18s/18h25m54s |
| Day Length | 12h57m12s | 12h58m00s | 12h59m36s |
| Moon Rise/ Set | 5:39PM/ 4:51AM | 6:45PM/ 5:33AM | 7:54PM/ 6:17AM |
| Moon Phase/ illu | Full Moon, 98% | Full Moon, 99% | Waning Gibbous, 98% |
| Nautical Twilight | 04:44, 19:12 | 04:36, 19:16 | 04:36, 19:16 |
| Civil Twilight | 05:12, 18:46 | 05:03, 18:48 | 05:03, 18:48 |
| Humidity | D : 47% N : 62% | D : 52% N : 69% | D : 52% N : 67% |
| Barometer (mb) | 1006 | 1006 | 1007 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 3% | 3% | 7% |
| Wind (km/hr) | 12 Km/h, SW | 13 Km/h, S | 12 Km/h, S |

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



GENERAL WEATHER FORECAST– CHATTOGRAM

| Description | 26 Apr 2021 | 27 Apr 2021 | 28 Apr 2021 |
|-------------------------|---------------------|---------------------|---------------------|
| Temperature (C) | 33°C/ 26°C | 32°C/ 26°C | 32°C/ 26°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 5h23m54s/ 18h17m24s | 5h23m00s/ 18h17m00s | 5h22m24s/ 18h18m22s |
| Day Length | 12h53m30s | 12h54m42s | 12h55m48s |
| Moon Rise/ Set | 5:19PM/ 4:31AM | 6:37PM/ 5:28AM | 7:46PM/ 6:13AM |
| Moon Phase/ illu | Full Moon, 98% | Full Moon, 99% | Waning Gibbous, 98% |
| NauticalTwilight | 04:41, 19:03 | 04:32, 19:08 | 04:32, 19:08 |
| Civil Twilight | 05:07, 18:38 | 05:00, 18:40 | 05:00, 18:40 |
| Humidity | D : 70% N : 90% | D : 78% N : 92% | D : 75% N : 92% |
| Barometer (mb) | 1006 | 1007 | 1008 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 7% | 6% | 6% |
| Wind (km/hr) | 17 Km/h, WSW | 16 Km/h, SW | 15 Km/h, WSW |

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



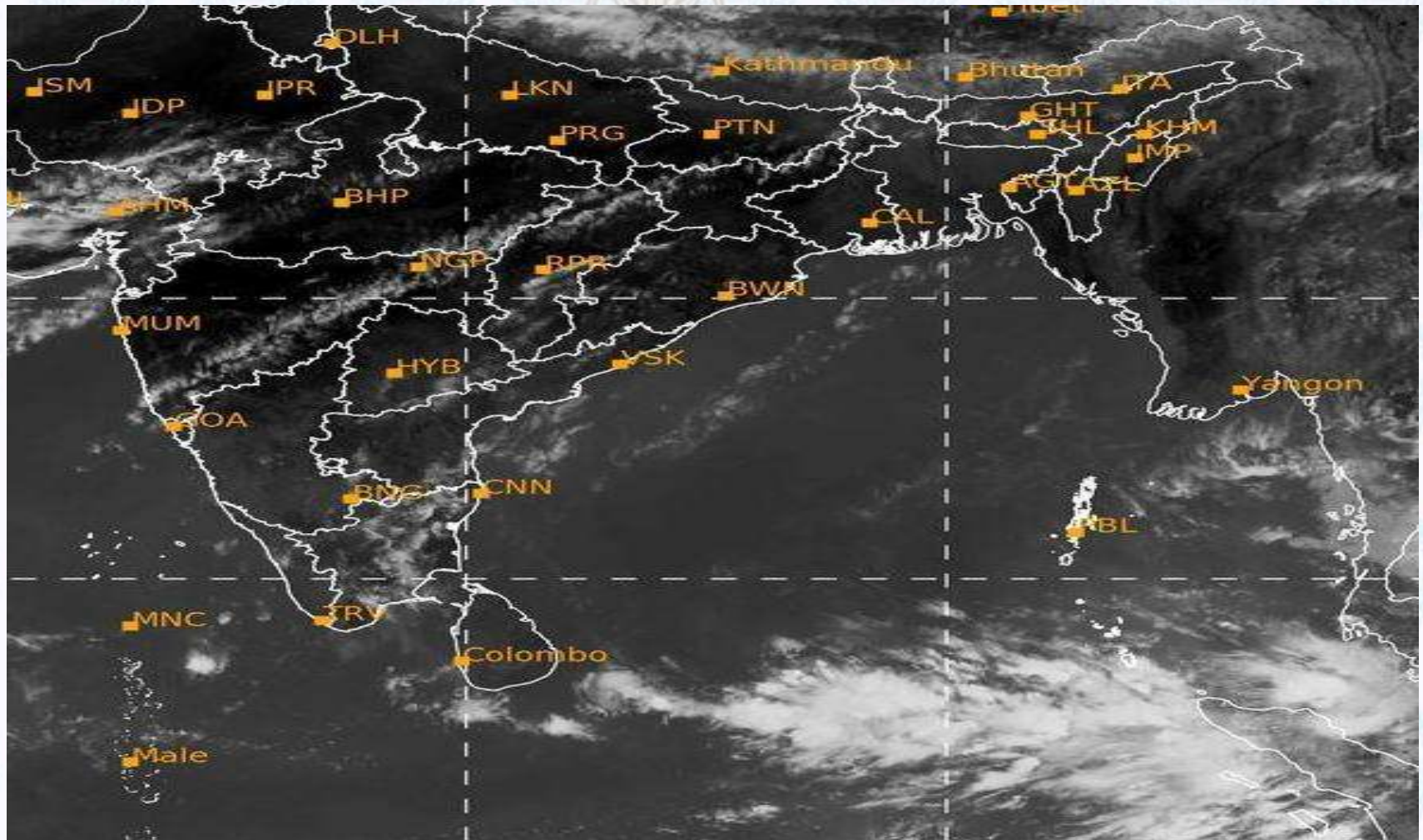
GENERAL WEATHER FORECAST – KHULNA

| Description | 26 Apr 2021 | 27 Apr 2021 | 28 Apr 2021 |
|--------------------------|---------------------|---------------------|---------------------|
| Temperature(C) | 38°C/ 27°C | 36°C/ 27°C | 35°C/ 27°C |
| Summary | Sunny | Sunny | Sunny |
| Sun Rise/Set | 5h32m24s/ 18h26m06s | 5h31m30s/ 18h27m30s | 5h30m54s/ 18h28m00s |
| Day Length | 12h 54m 42s | 12h 56m 00s | 12h 57m 06s |
| Moon Rise/Set | 5:29PM/ 4:11AM | 6:47PM/ 5:37AM | 7:56PM/ 6:22AM |
| Moon Phase/illu | Full Moon, 98% | Full Moon, 99% | Waning Gibbous, 98% |
| Nautical Twilight | 04:49, 19:13 | 04:41, 19:18 | 04:41, 19:18 |
| Civil Twilight | 05:16, 18:46 | 05:08, 18:50 | 05:08, 18:50 |
| Humidity | D : 55% N : 84% | D : 62% N : 86% | D : 66% N : 85% |
| Barometer (mb) | 1005 | 1006 | 1007 |
| Visibility | Moderate | Moderate | Moderate |
| Precip Chance | 5% | 5% | 5% |
| Wind (km/hr) | 15 Km/h, SW | 17 Km/h, SSW | 15 Km/h, SSW |

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



SATELLITE VIEW OF BAY OF BENGAL

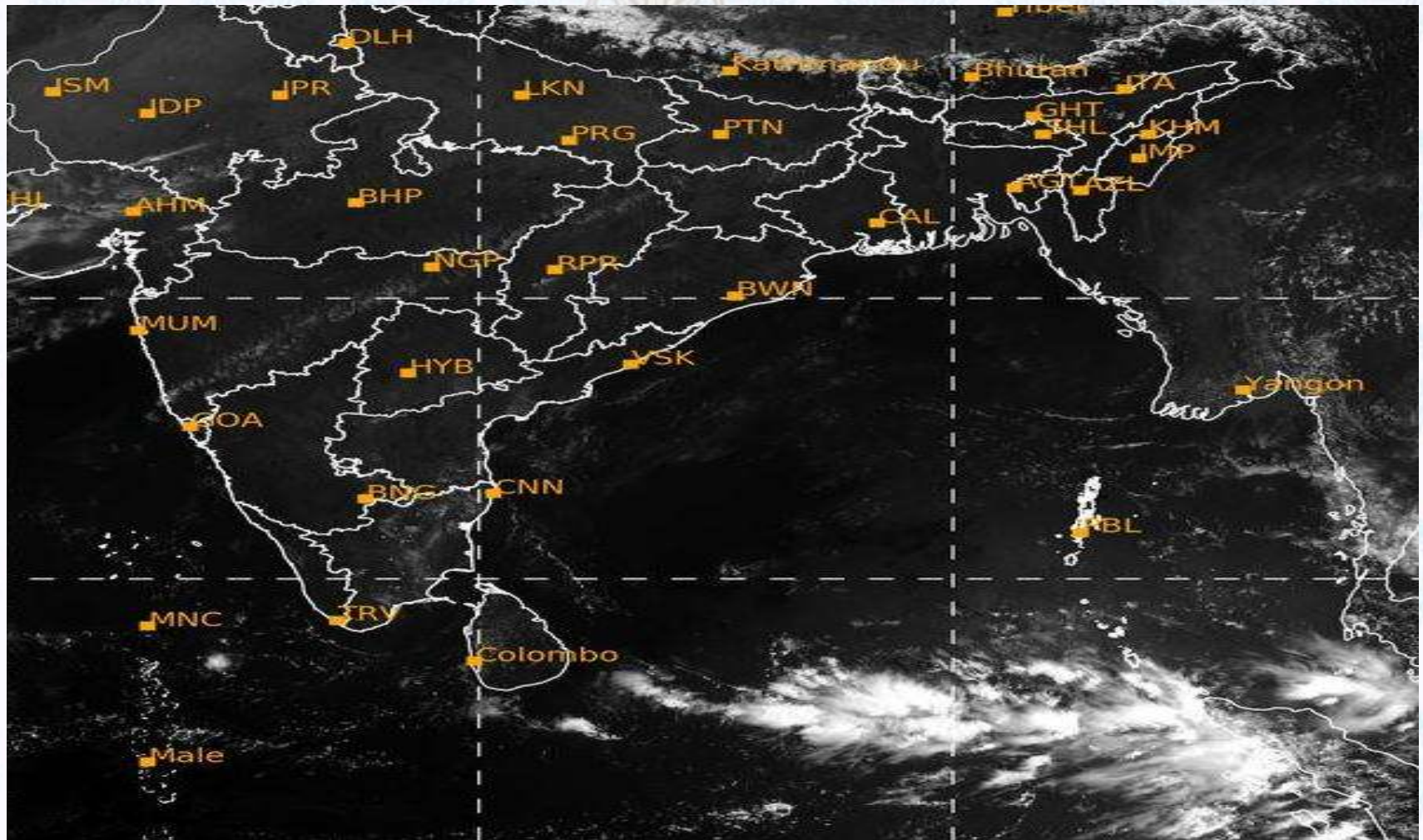


25/04/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



25/04/2021, 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 25.04.2021)

| | | |
|-------------------|---|--|
| Part One | NO STORM WARNING. | |
| Part Two | TROUGH OF LOW LIES OVER NORTH-WEST BAY. | |
| Part Three | Weather | TEMPORARY PARTLY CLOUDY OVER AREA -C90. |
| | Wind | WEST/SOUTH-WESTERLY 08-12 KTS. |
| | Visibility | 03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST. |
| | Outlook | FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE. |
| | MSL Pressure | AT = 25,0000 UTC. CHATTOGRAM =1007 HPA |



Inland River Port Warning (VALID TILL 06 PM OF 25.04.2020)

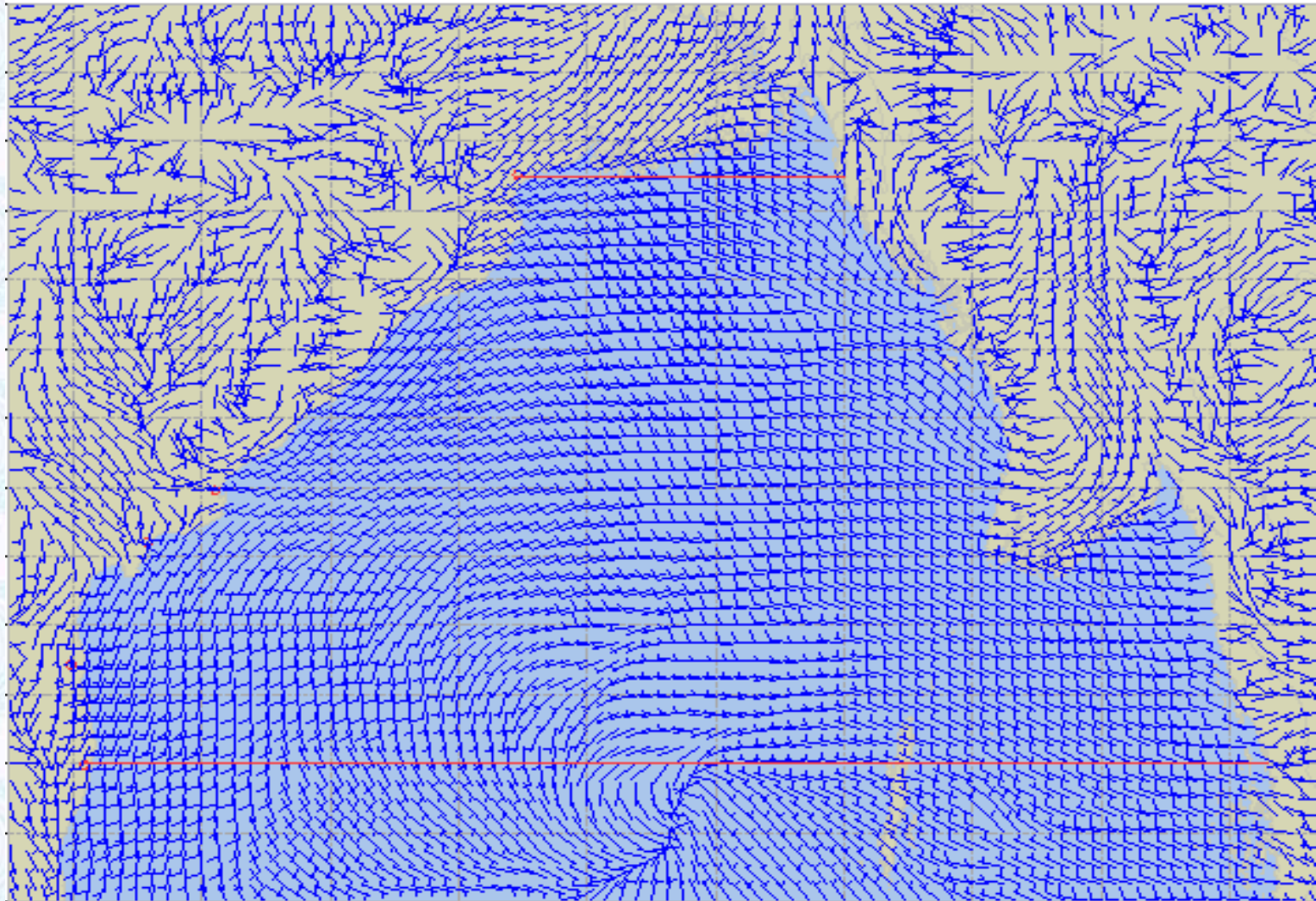
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 26 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



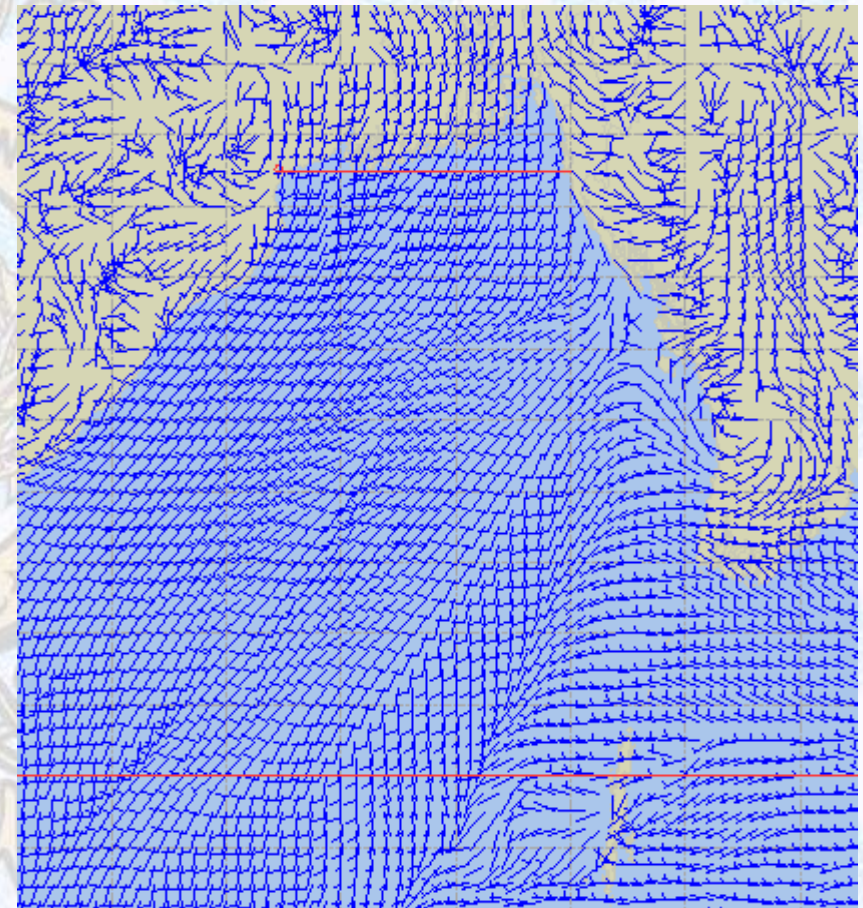
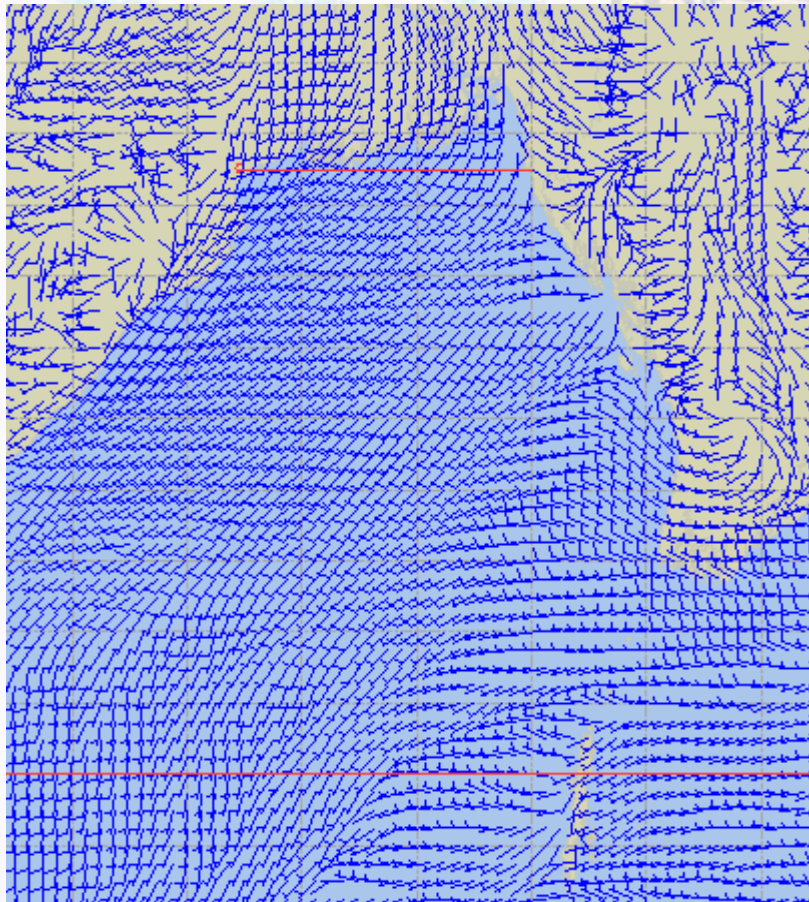
60 Knots



Surface Wind Forecast – 27 & 28 Apr - 2021

27 Apr 21 Tuesday

28 Apr 21 Wednesday



Legend:



Calm
Winds



5 Knots



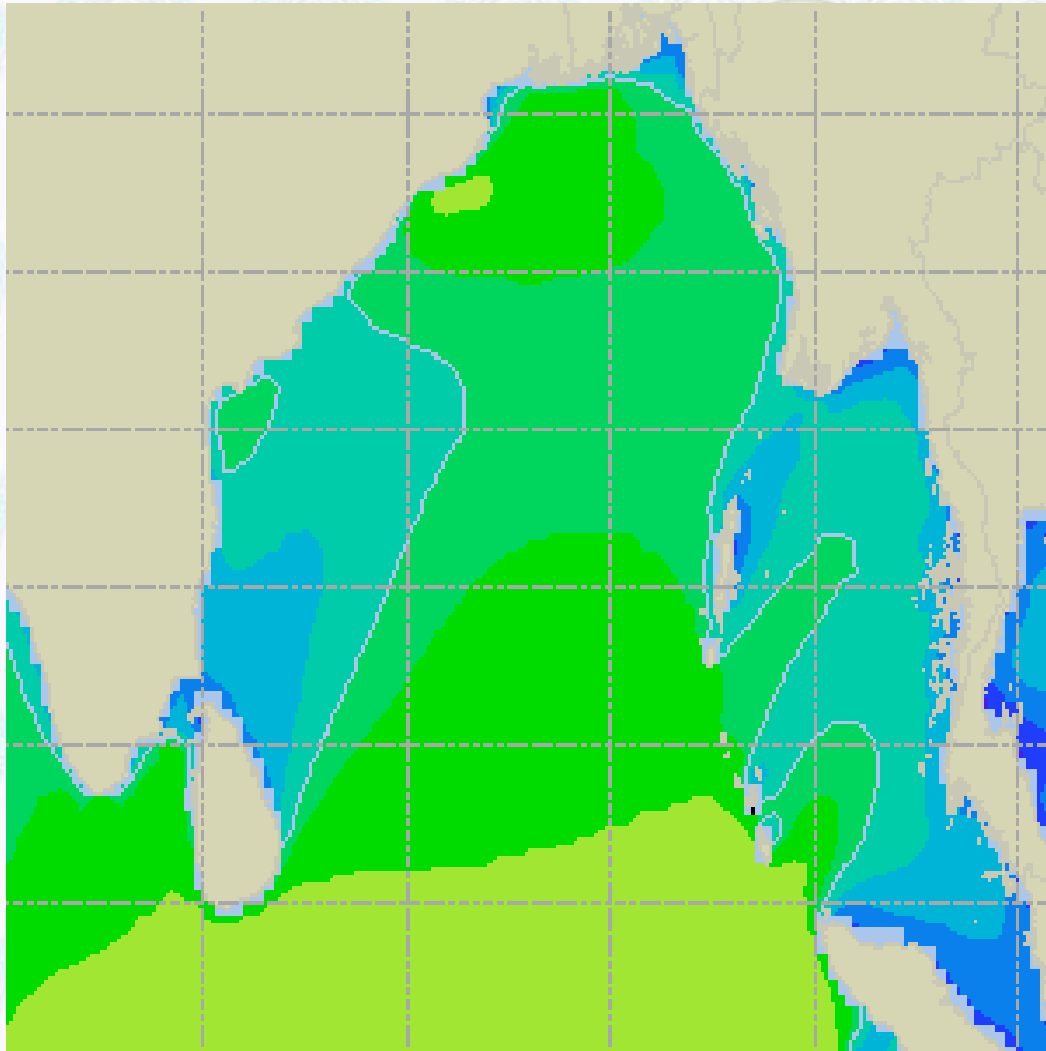
10 Knots



60 Knots



Sea State Forecast – 26 Apr - 2021



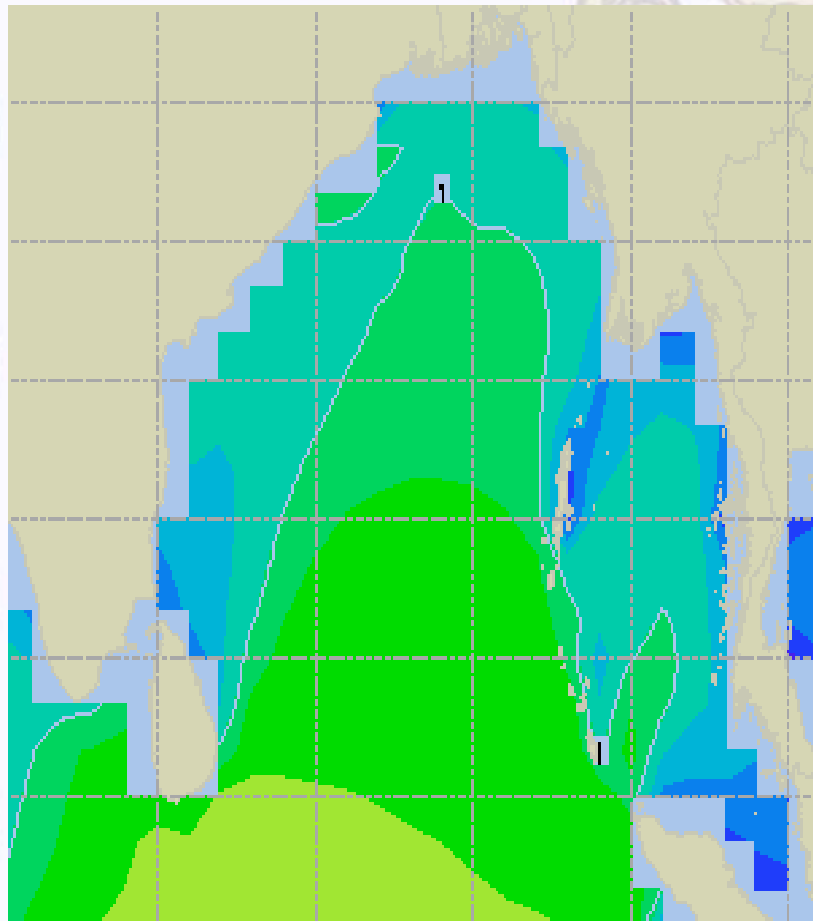
| Sea State | Ht (m) |
|-----------|------------|
| 0 | 0 |
| 1 | 0 - 0.1 |
| 2 | 0.1 - 0.5 |
| 3 | 0.5 - 1.25 |
| 4 | 1.25 - 2.5 |
| 5 | 2.5 - 4.0 |
| 6 | 4 - 6 |
| 7 | 6 - 9 |
| 8 | 9 - 14 |
| 9 | Over 14 |



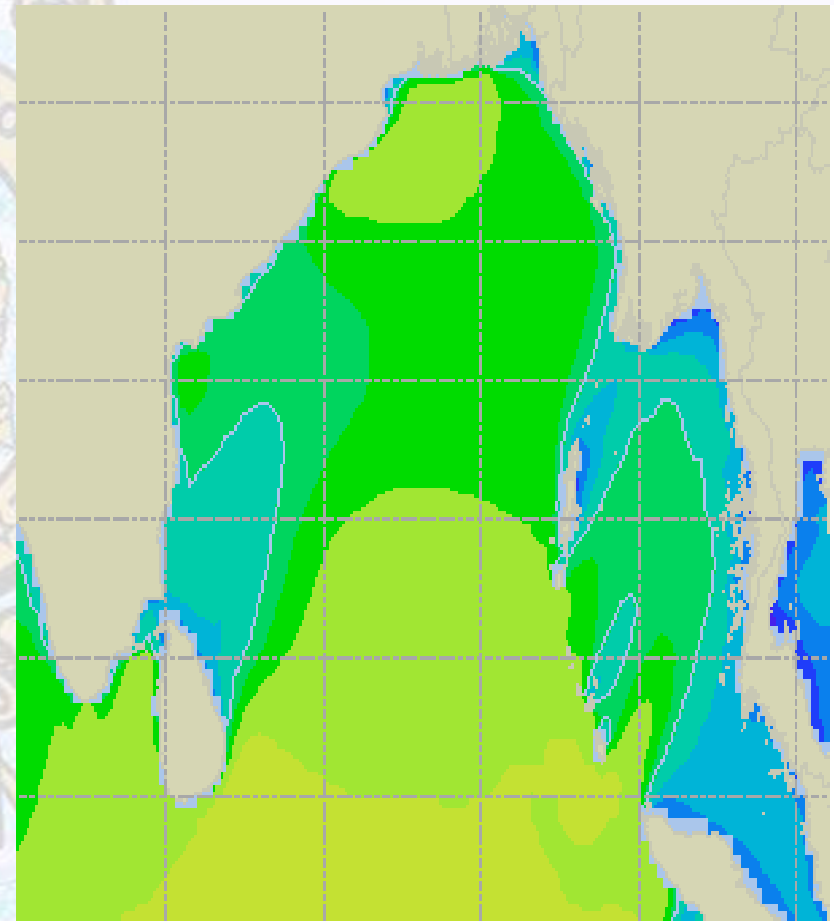


Sea State Forecast – 27 & 28 Apr - 2021

27 Apr 21 Tuesday



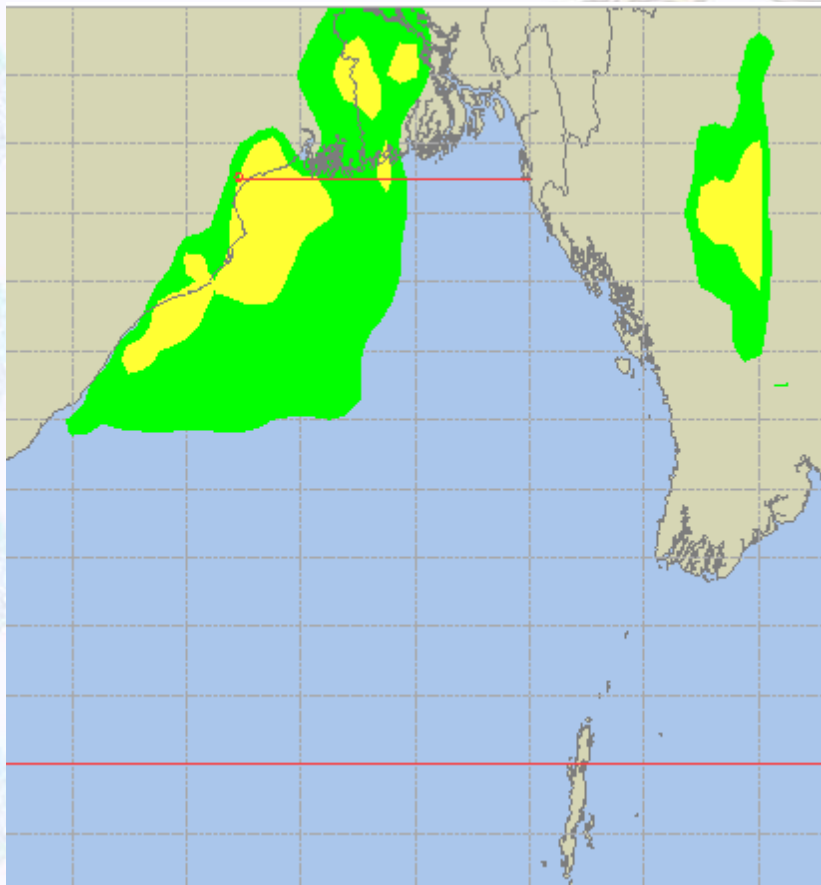
28 Apr 21 Wednesday



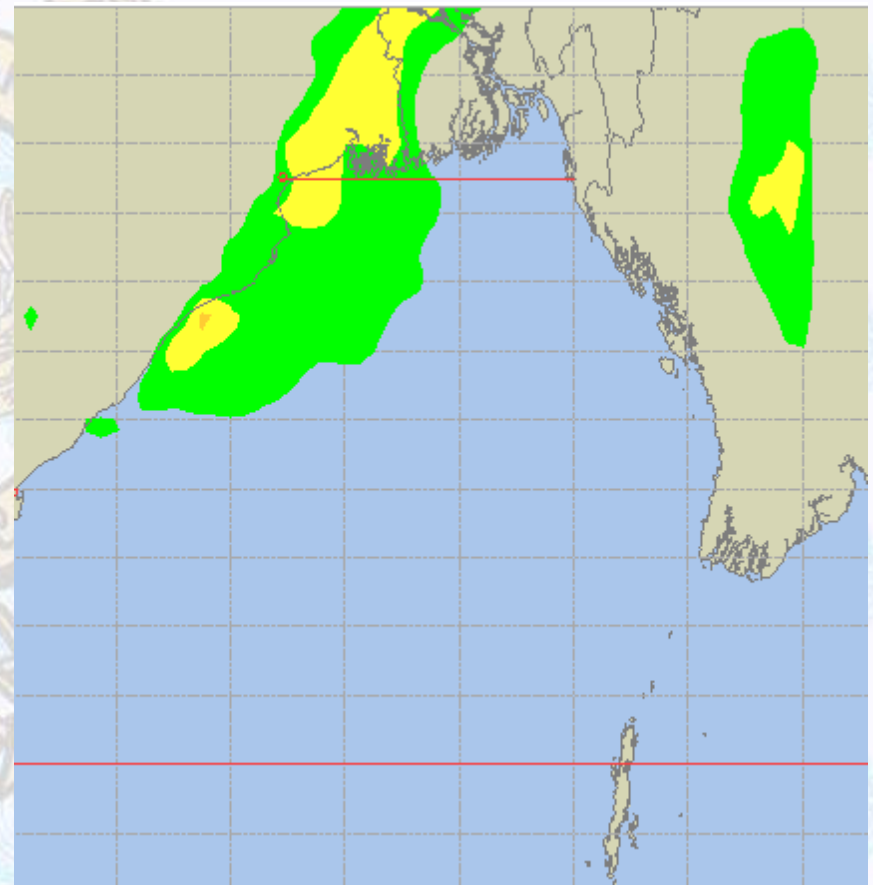


Peak Gusting Possibilities– 26 & 27 Apr 2021

26 Apr 21 Monday



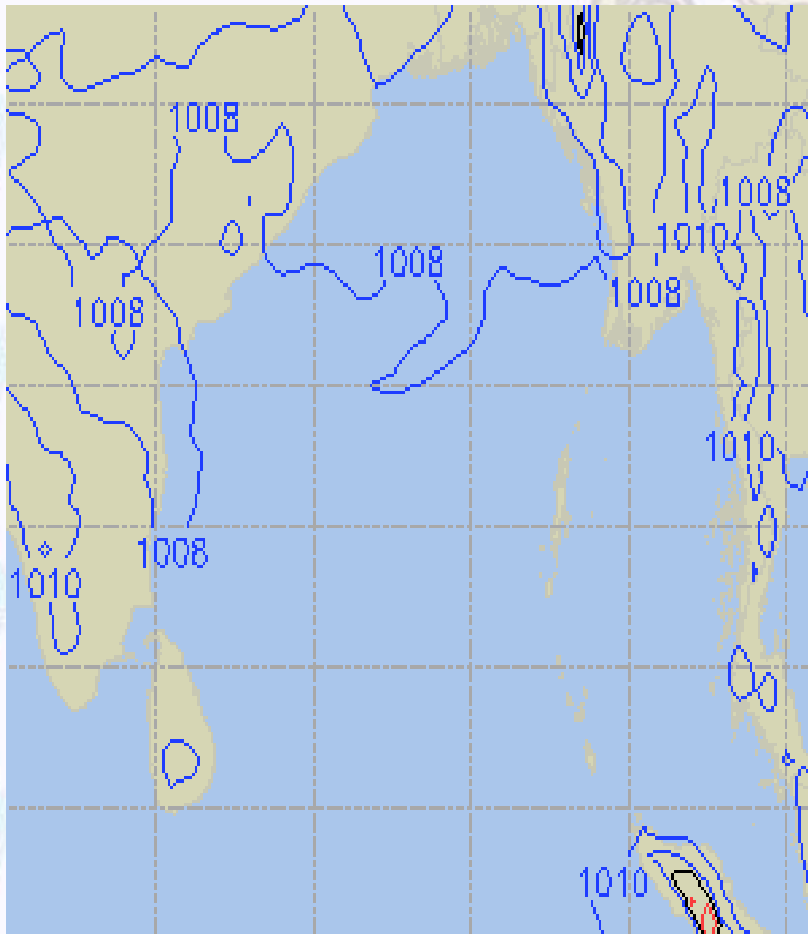
27 Apr 21 Tuesday



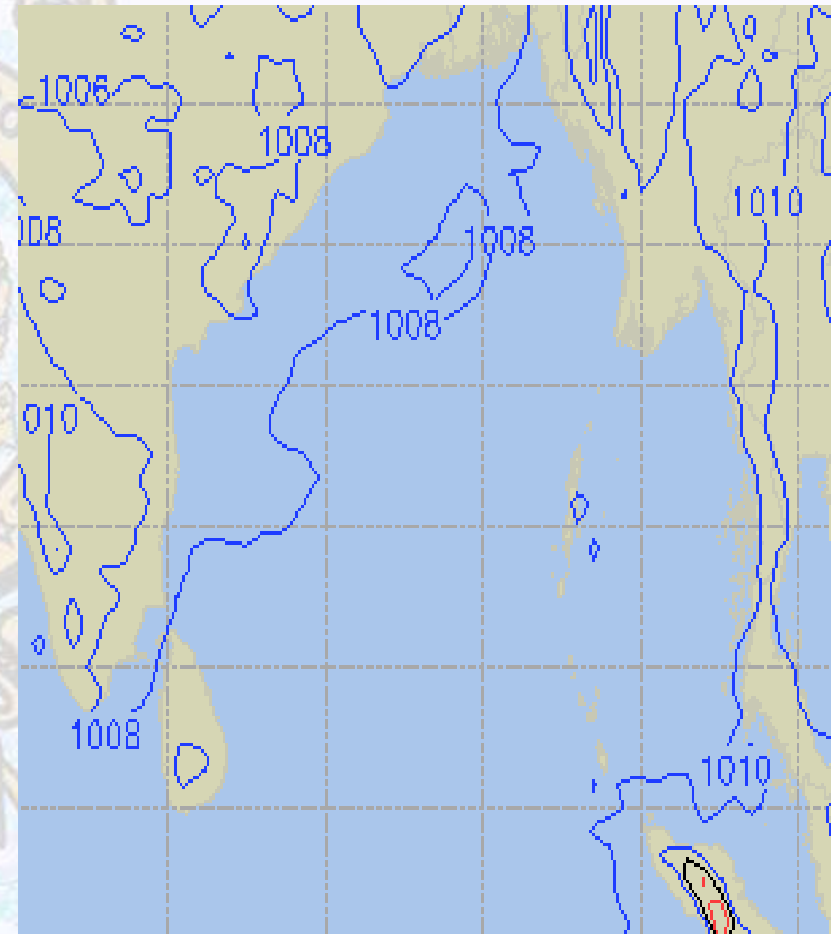


Surface Pressure forecast – 26 & 27 Apr 2021

26 Apr 21 Monday



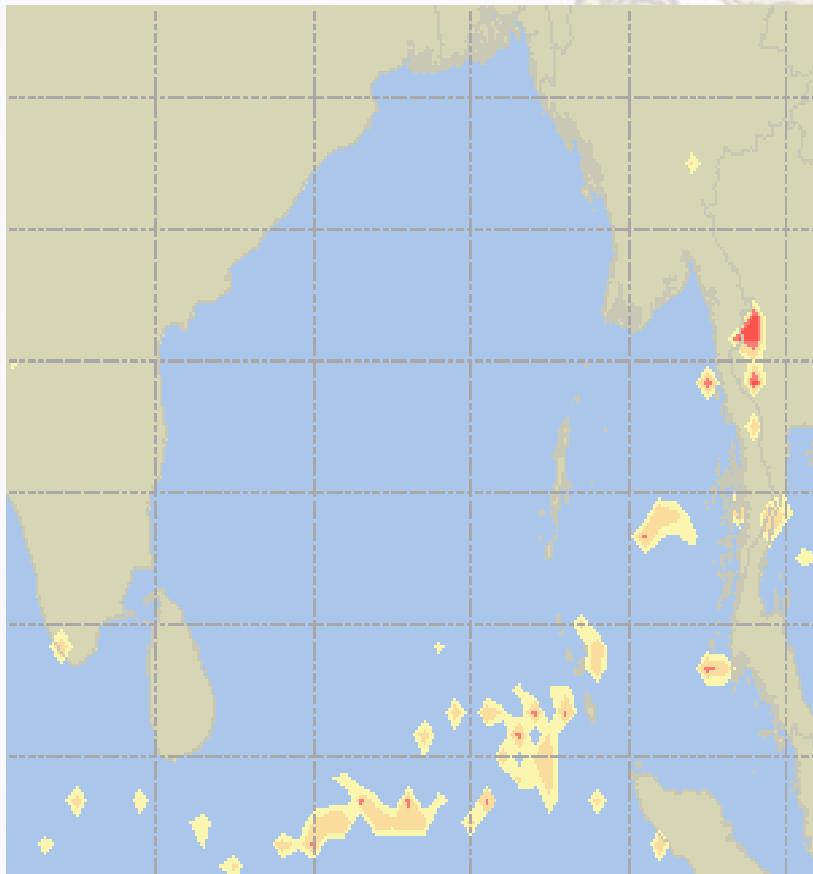
27 Apr 21 Tuesday



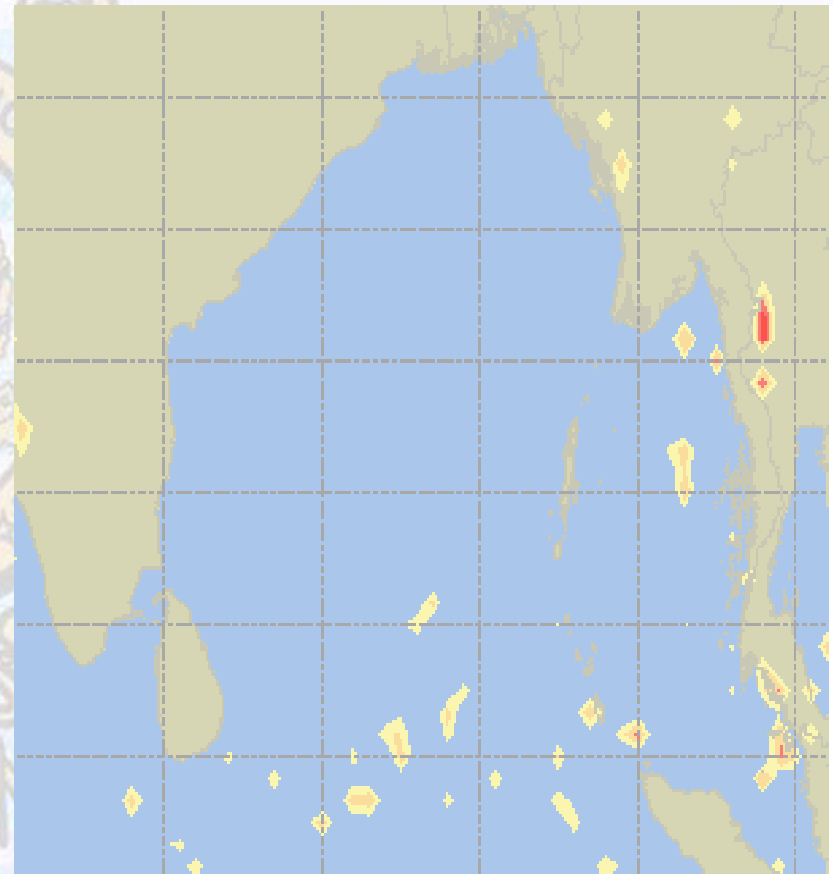


Visibility at Sea Forecast – 26 & 27 Apr 2021

26 Apr 21 Monday



27 Apr 21 Tuesday



Visibility Scale:

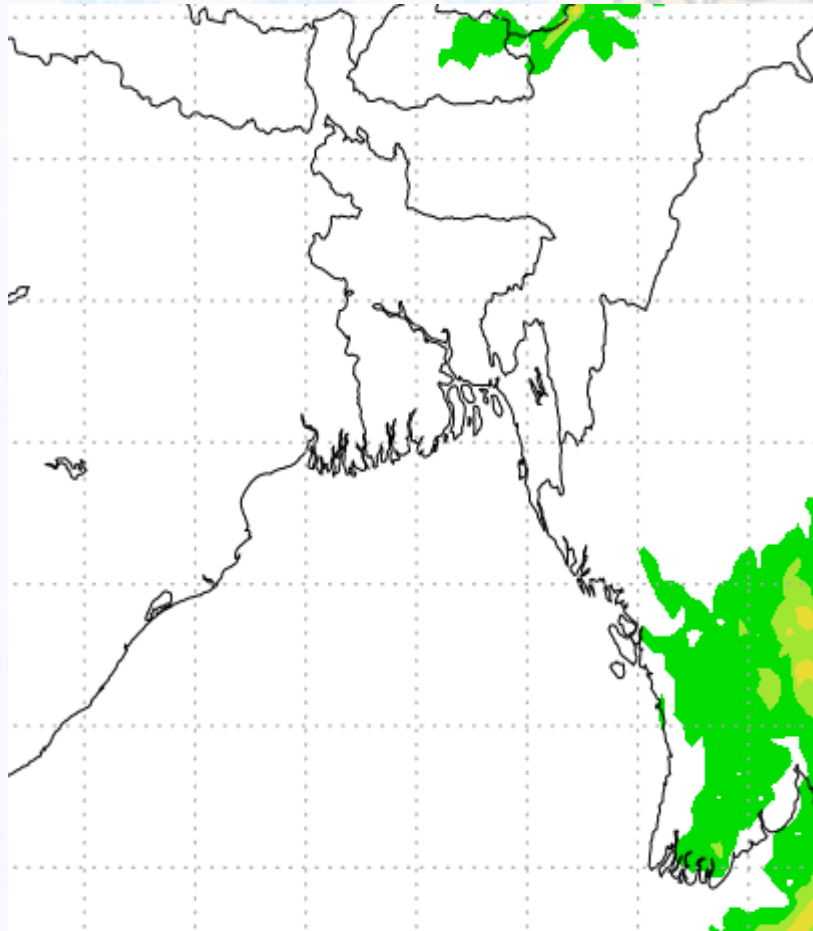


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

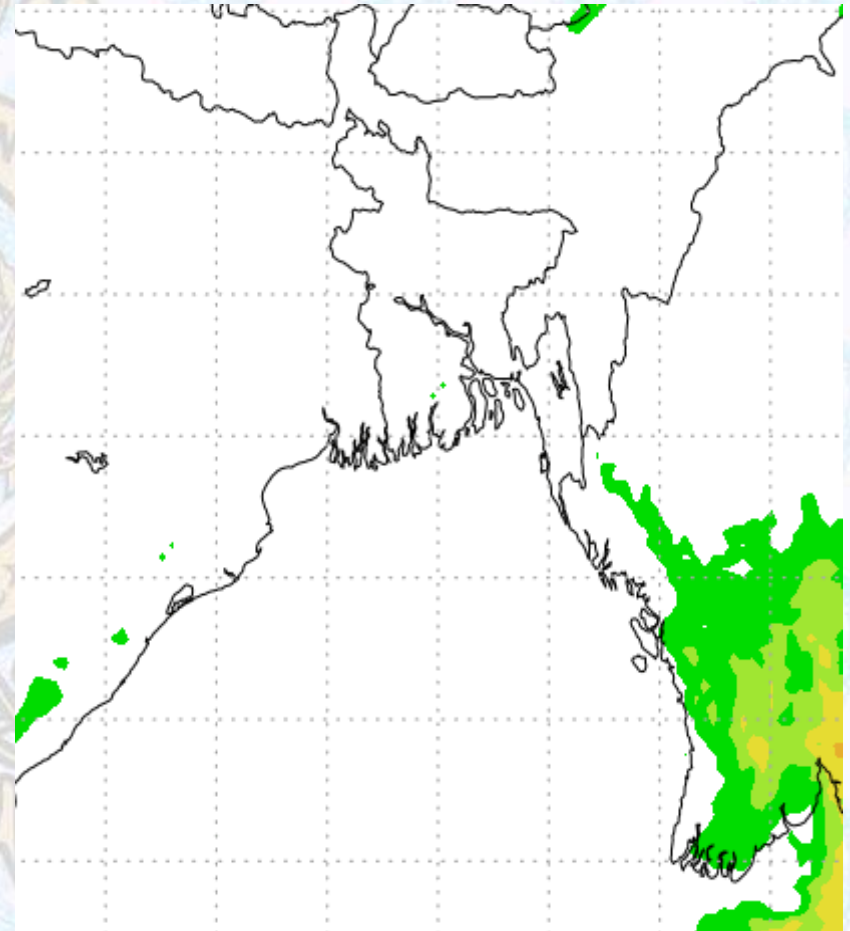


Precipitation

Rain(mm) 26 & 27 Apr 21



Rain(mm) 27 & 28 Apr 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

| | Time | Height | | Time | Height | | Time | Height |
|--------------------|-------------|---------------|--|-------------|---------------|--|-------------|---------------|
| | | | | | | | | |
| 26 Apr 2021 | 0639 | 0.46 | | 0413 | 0.37 | | 0358 | 0.35 |
| | 1224 | 4.85 | | 0958 | 3.64 | | 1002 | 3.19 |
| | 1902 | 0.53 | | 1639 | 0.41 | | 1624 | 0.49 |
| | - | - | | 2217 | 3.54 | | 2215 | 3.05 |
| 27 Apr 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0038 | 4.75 | | 0455 | 0.23 | | 0439 | 0.24 |
| | 0719 | 0.34 | | 1039 | 3.82 | | 1042 | 3.30 |
| | 1302 | 5.00 | | 1720 | 0.31 | | 1706 | 0.41 |
| | 1943 | 0.44 | | 2257 | 3.58 | | 2257 | 3.06 |
| 28 Apr 2021 | Time | Height | | Time | Height | | Time | Height |
| | 0118 | 4.79 | | 0535 | 0.16 | | 0518 | 0.21 |
| | 0757 | 0.29 | | 1121 | 3.87 | | 1122 | 3.33 |
| | 1340 | 5.05 | | 1801 | 0.29 | | 1748 | 0.42 |
| | 2023 | 0.43 | | 2339 | 3.52 | | 2338 | 3.01 |