



# **WEATHER FORECAST FOR BN**

**21 - 24 JUN 2021**





# WEATHER FORECAST – DHAKA

## 21.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 25°C	30°C / 25°C	28°C / 25°C	28°C / 24°C
Wind	10 km/h S	10 km/h SSW	7 km/h SSW	7 km/h S
Humidity	75%	75%	80%	82%
Chance of Precip	33%	50%	54%	73%
Cloud Cover	80%	68%	64%	75%
Conditions	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
Sunrise / Sunset	0512 / 1848			

### Conditions

Pressure : 1004 hpa

Visibility : 3.54 km

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





# WEATHER FORECAST – CHATTOGRAM

## 21.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28°C / 26°C	28°C / 26°C	27°C / 26°C	26°C / 25°C
Wind	15 km/h SSW	15 km/h S	10 km/h S	10 km/h SSE
Humidity	85%	87%	93%	94%
Chance of Precip.	19%	37%	64%	58%
Cloud Cover	69%	70%	75%	83%
Conditions	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
Sunrise / Sunset	0509 / 1839			

### Conditions

Pressure : 1005 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 21.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 26°C	29°C / 26°C	28°C / 26°C	27°C / 26°C
Wind	7 km/h WSW	7 km/h SW	5 km/h SSW	5 m/h S
Humidity	82%	84%	93%	96%
Chance of Precip.	69%	31%	38%	39%
Cloud Cover	84%	82%	73%	74%
Conditions	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
Sunrise/ Sunset	0517 / 1849			

### Conditions

Pressure : 1004 hpa

Visibility : 11.27 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	22 Jun 2021	23 Jun 2021	24 Jun 2021
<b>Temperature (C)</b>	31°C / 26°C	31°C / 26°C	30°C / 26°C
<b>Summary</b>	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
<b>Sun Rise/Set</b>	5h12m12s/18h48m48s	5h12m30s/18h49m06s	5h12m42s/18h49m18s
<b>Day Length</b>	13h36m36s	13h36m36s	13h36m36s
<b>Moon Rise/ Set</b>	4:15PM/ 2:40AM	5:25PM/ 3:29AM	6:34PM/ 4:23AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 89%	Waxing Gibbous, 96%	Full Moon, 99%
<b>Nautical Twilight</b>	04:16, 19:44	04:15, 19:45	04:15, 19:45
<b>Civil Twilight</b>	04:46, 19:14	04:45, 19:14	04:45, 19:15
<b>Humidity</b>	D : 80% N : 85%	D : 79% N : 86%	D : 80% N : 85%
<b>Barometer (mb)</b>	1003	1004	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	70%	80%	89%
<b>Wind (km/hr)</b>	12 Km/h, S	14 Km/h, S	16 Km/h, SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	22 Jun 2021	23 Jun 2021	24 Jun 2021
<b>Temperature (C)</b>	29°C/ 25°C	29°C/ 25°C	29°C/ 25°C
<b>Summary</b>	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
<b>Sun Rise/Set</b>	5h09m42s/ 18h39m42s	5h10m00s/ 18h40m00s	5h10m12s/ 18h40m12s
<b>Day Length</b>	13h30m00s	13h30m00s	13h30m00s
<b>Moon Rise/ Set</b>	4:07PM / 2:36AM	5:16PM / 3:25AM	6:24PM / 4:20AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 89%	Waxing Gibbous, 96%	Full Moon, 99%
<b>NauticalTwilight</b>	04:14, 19:34	04:13, 19:35	04:13, 19:35
<b>Civil Twilight</b>	04:44, 19:04	04:43, 19:05	04:42, 19:05
<b>Humidity</b>	D : 87%    N : 94%	D : 86%    N : 94%	D : 84%    N : 94%
<b>Barometer (mb)</b>	1004	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	68%	73%	79%
<b>Wind (km/hr)</b>	13 Km/h, S	16 Km/h, S	16 Km/h, S

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





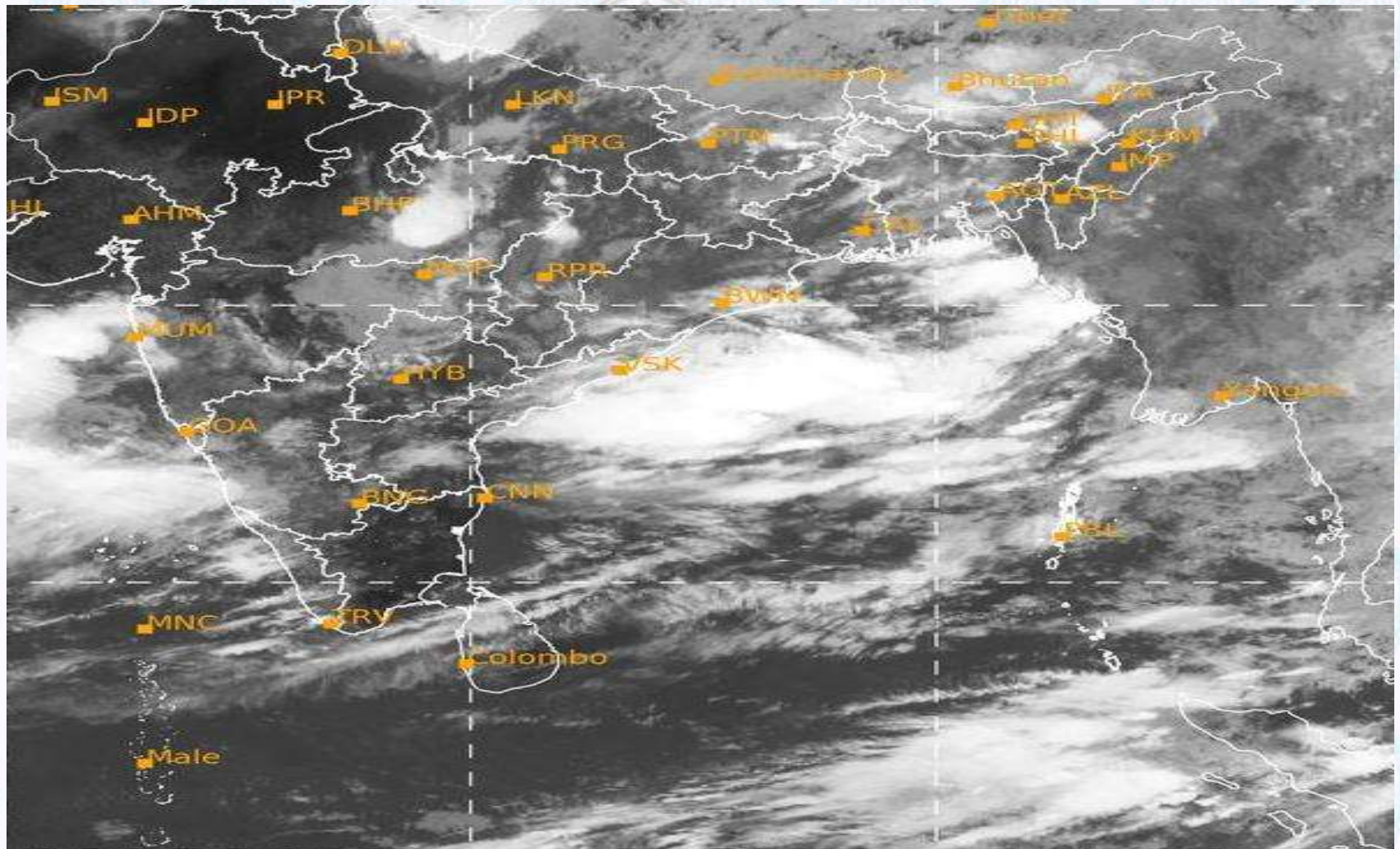
# GENERAL WEATHER FORECAST – KHULNA

Description	22 Jun 2021	23 Jun 2021	24 Jun 2021
<b>Temperature(C)</b>	30°C / 26°C	31°C / 27°C	31°C / 27°C
<b>Summary</b>	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
<b>Sun Rise/Set</b>	5h17m48s/ 18h50m00s	5h18m06s/ 18h50m18s	5h18m18s/ 18h50m30s
<b>Day Length</b>	13h 32m 12s	13h 32m 12s	13h 32m 12s
<b>Moon Rise/Set</b>	4:17PM/ 2:45AM	5:27PM/ 3:34AM	6:35PM/ 4:29AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 89%	Waxing Gibbous, 96%	Full Moon, 99%
<b>Nautical Twilight</b>	04:22, 19:45	04:21, 19:46	04:21, 19:46
<b>Civil Twilight</b>	04:52, 19:15	04:51, 19:15	04:51, 19:16
<b>Humidity</b>	D : 86%    N : 94%	D : 85%    N : 93%	D : 86%    N : 92%
<b>Barometer (mb)</b>	1003	1004	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	87%	86%	80%
<b>Wind (km/hr)</b>	12 Km/h, SW	15 Km/h, S	16 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



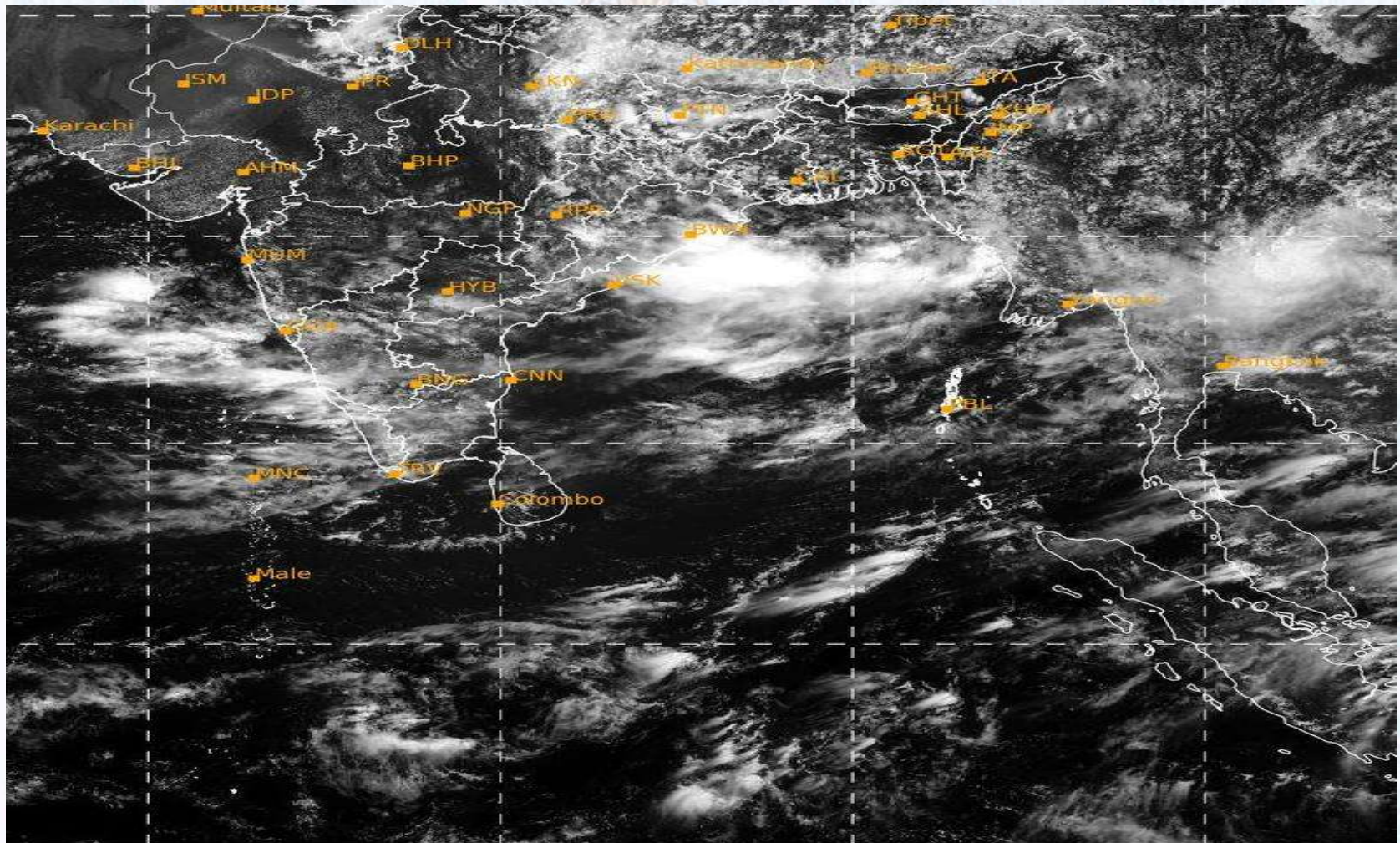
21/06/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



21/06/2021, 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 21.06.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SW/SLY, 10-15 KTS. TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 21,0000 UTC. CHATTOGRAM =1005 HPA





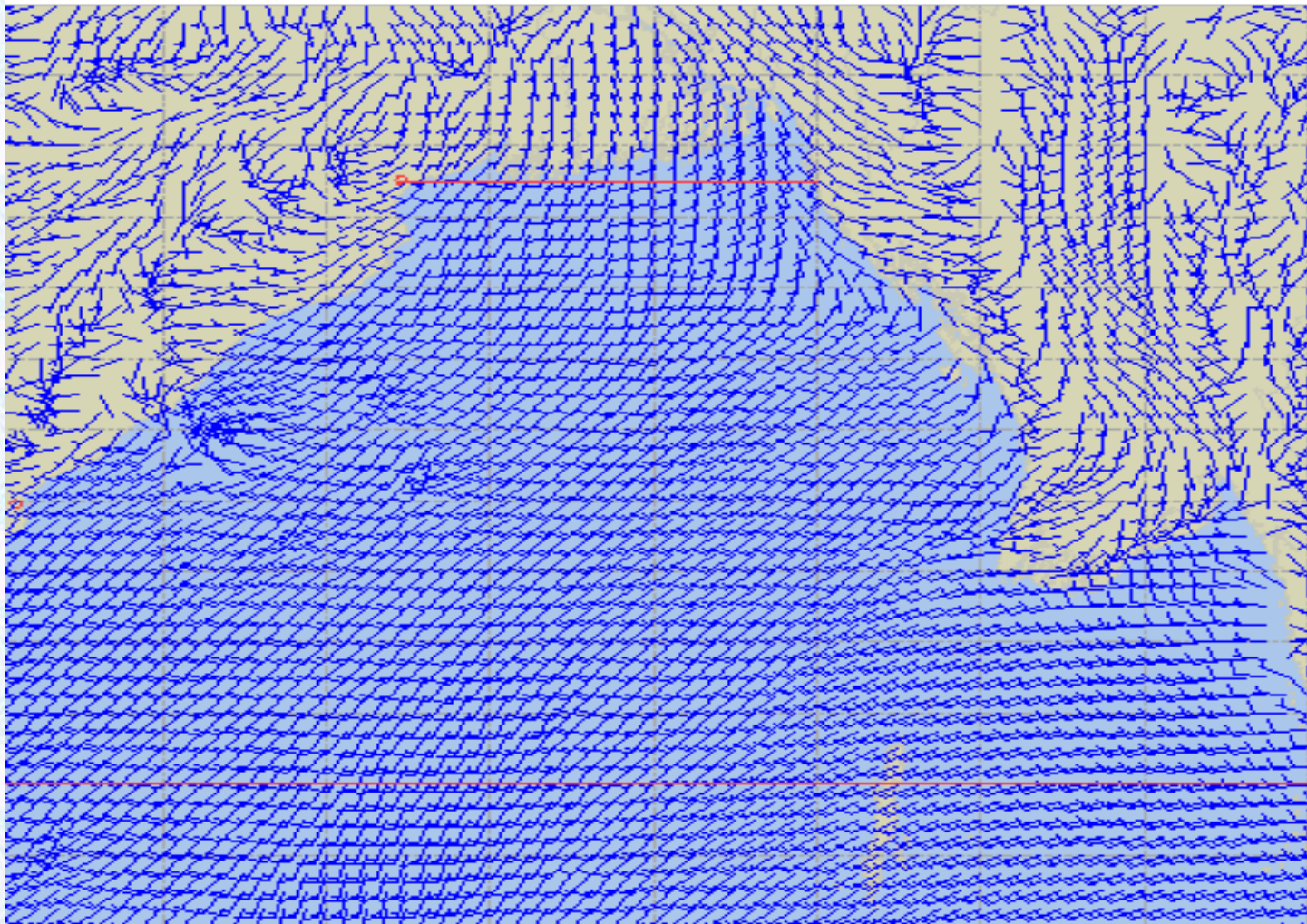
# Inland River Port Warning (VALID TILL 06 PM OF 21.06.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY S/SELY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA, JASHORE, KUSHTIA, KHULNA, FARIDPUR, MADARIPUR, CUMILLA, BARISHAL, PATUAKHALI, CHATTOGRAM, NOAKHALI AND COXS BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE @ ONE.

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



# Surface Wind Forecast- 22 Jun - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

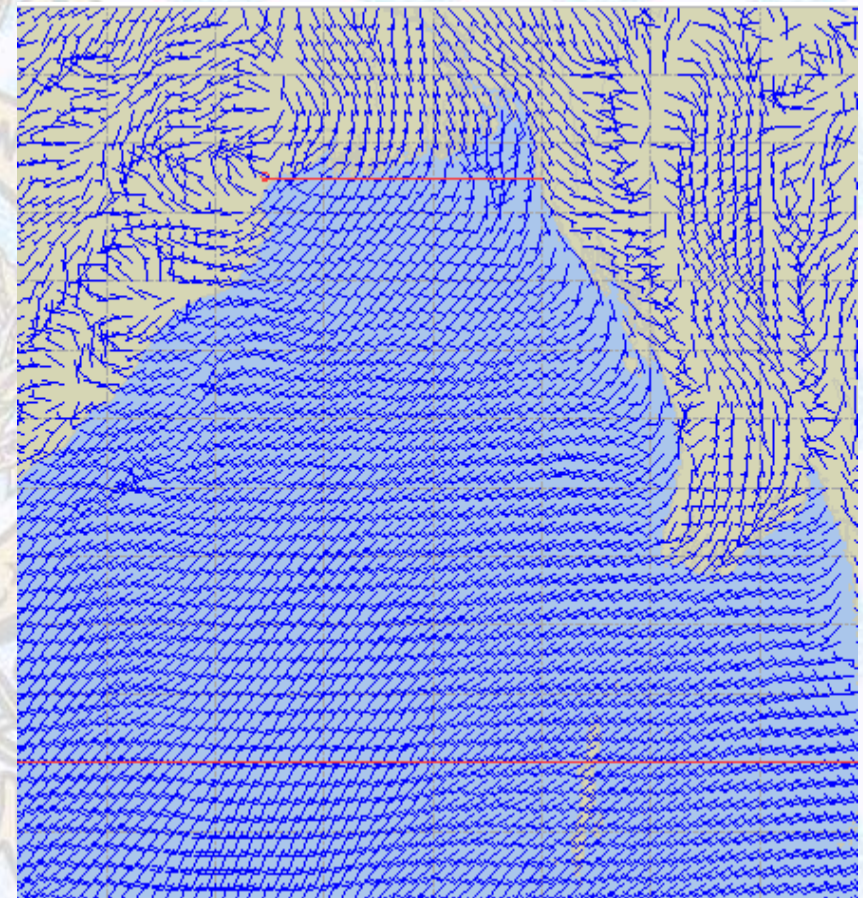
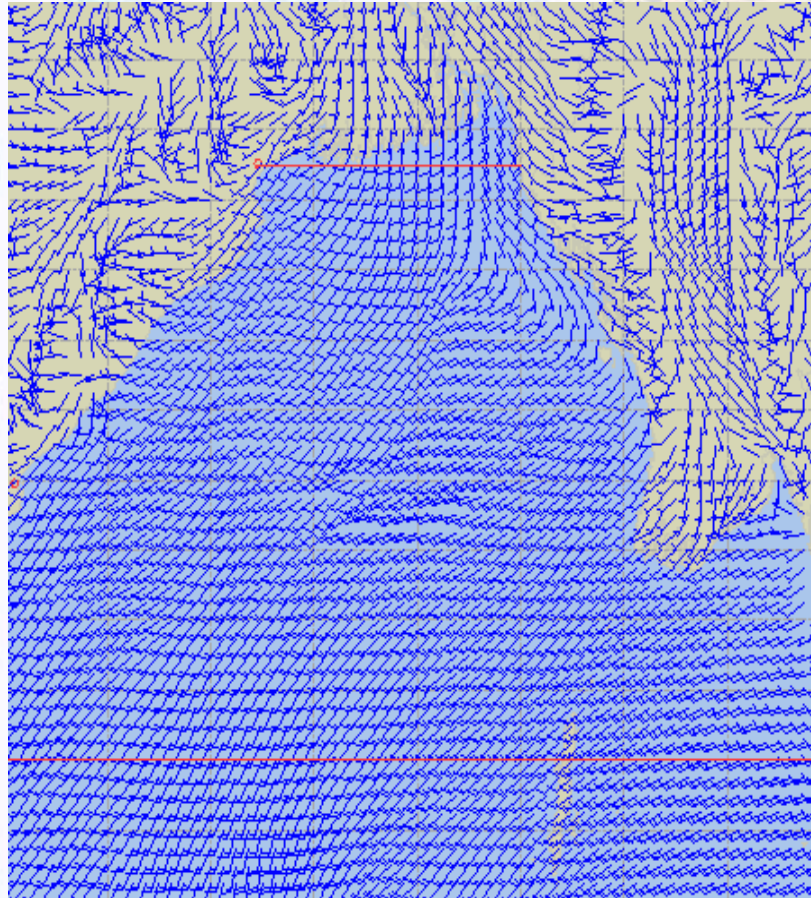




# Surface Wind Forecast – 23 & 24 Jun - 2021

**23 Jun 21 Wednesday**

**24 Jun 21 Thursday**



## Legend:



Calm  
Winds



5 Knots



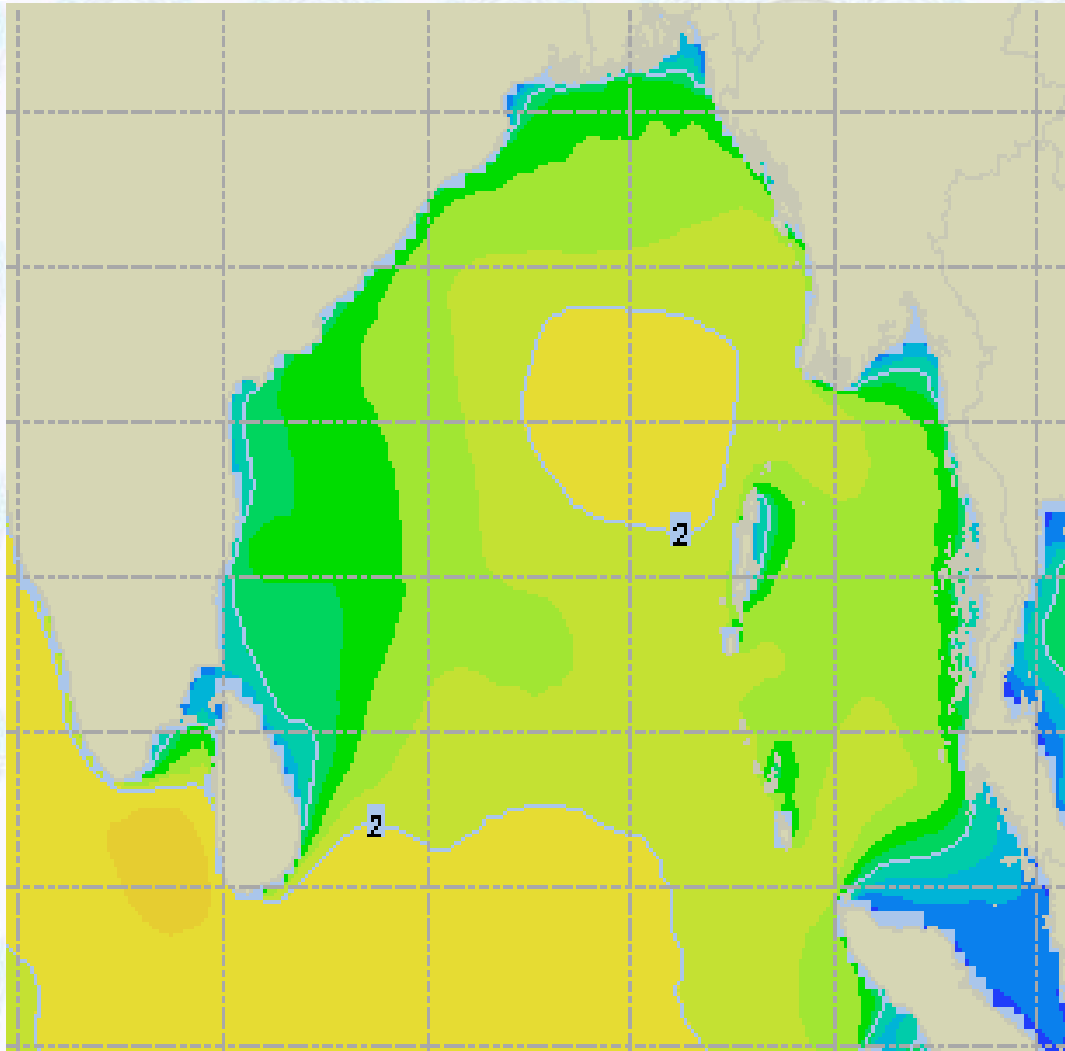
10 Knots



60 Knots



# Sea State Forecast – 22 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



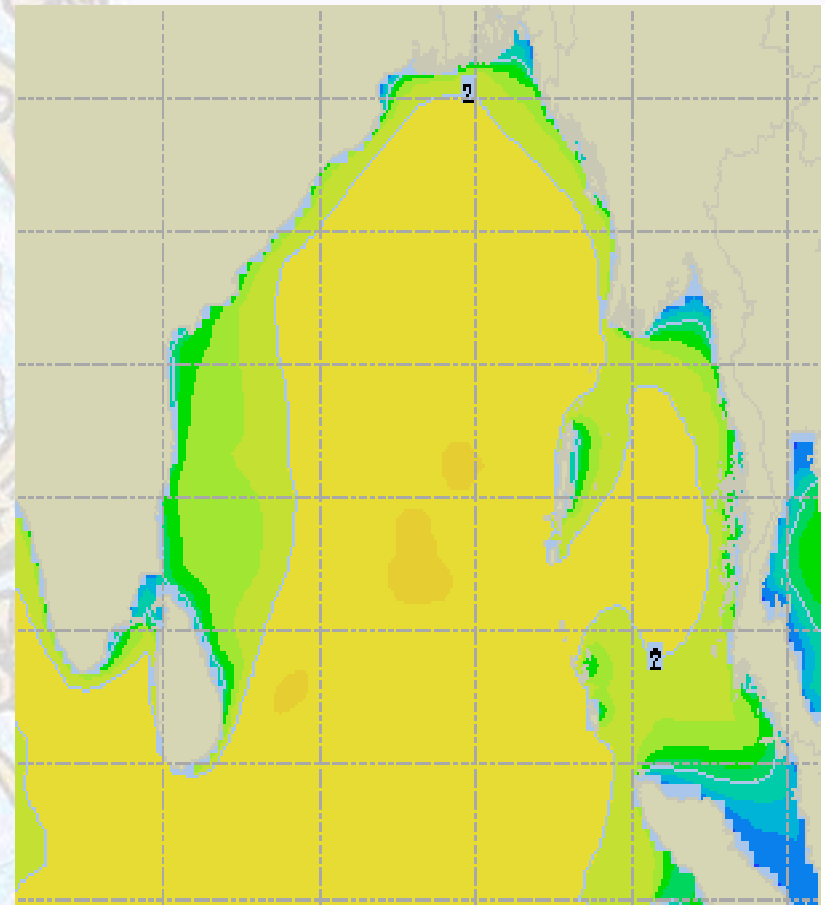
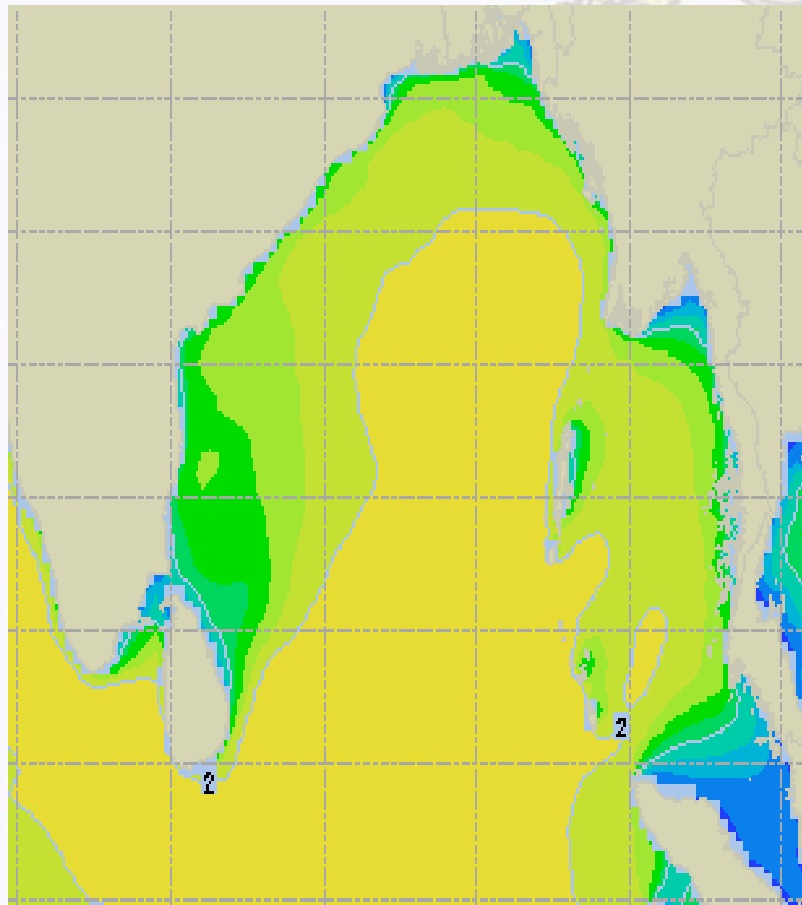




# Sea State Forecast – 23 & 24 Jun - 2021

23 Jun 21 Wednesday

24 Jun 21 Thursday

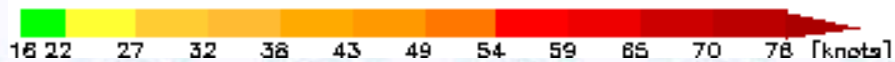
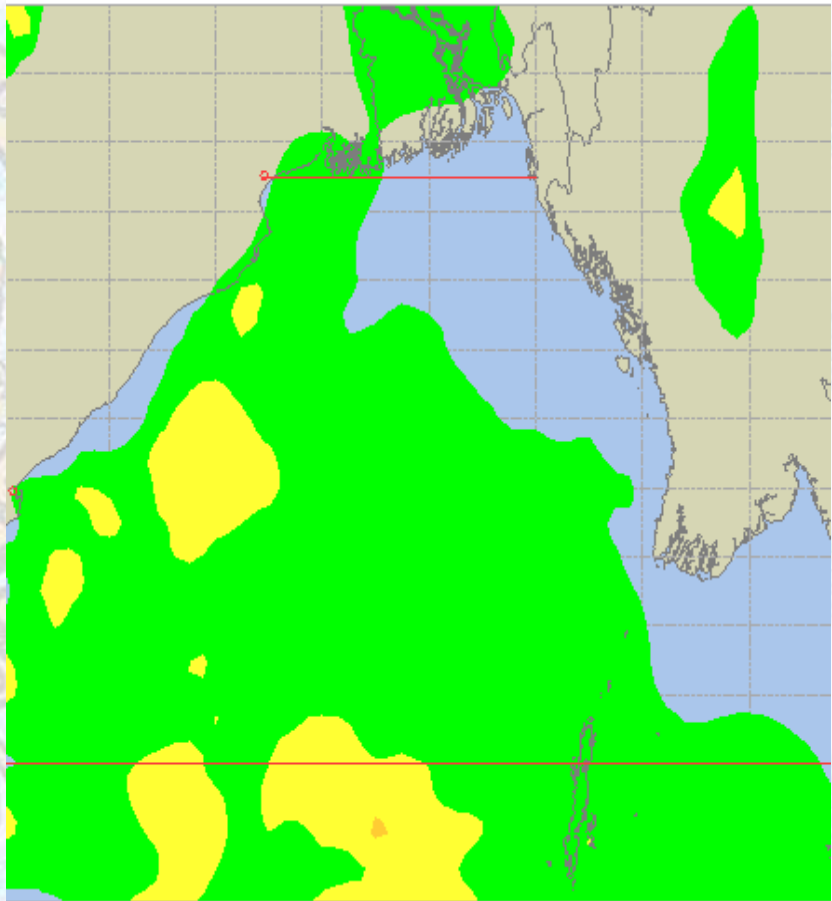
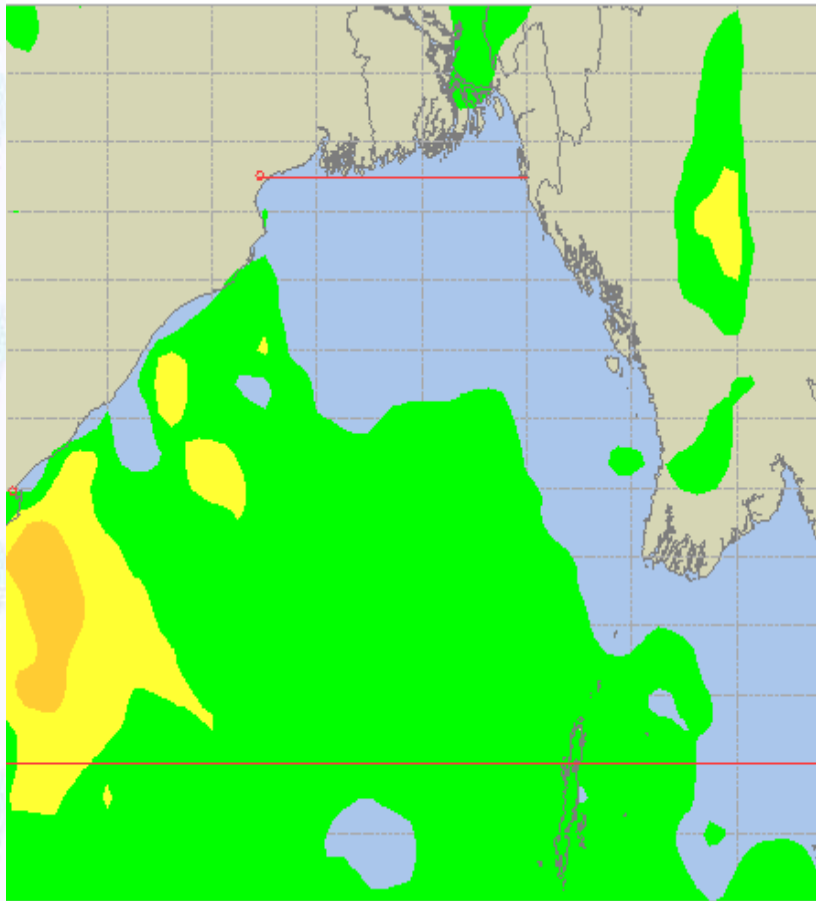




# Peak Gusting Possibilities– 22 & 23 Jun 2021

## 22 Jun 21 Tuesday

## 23 Jun 21 Wednesday

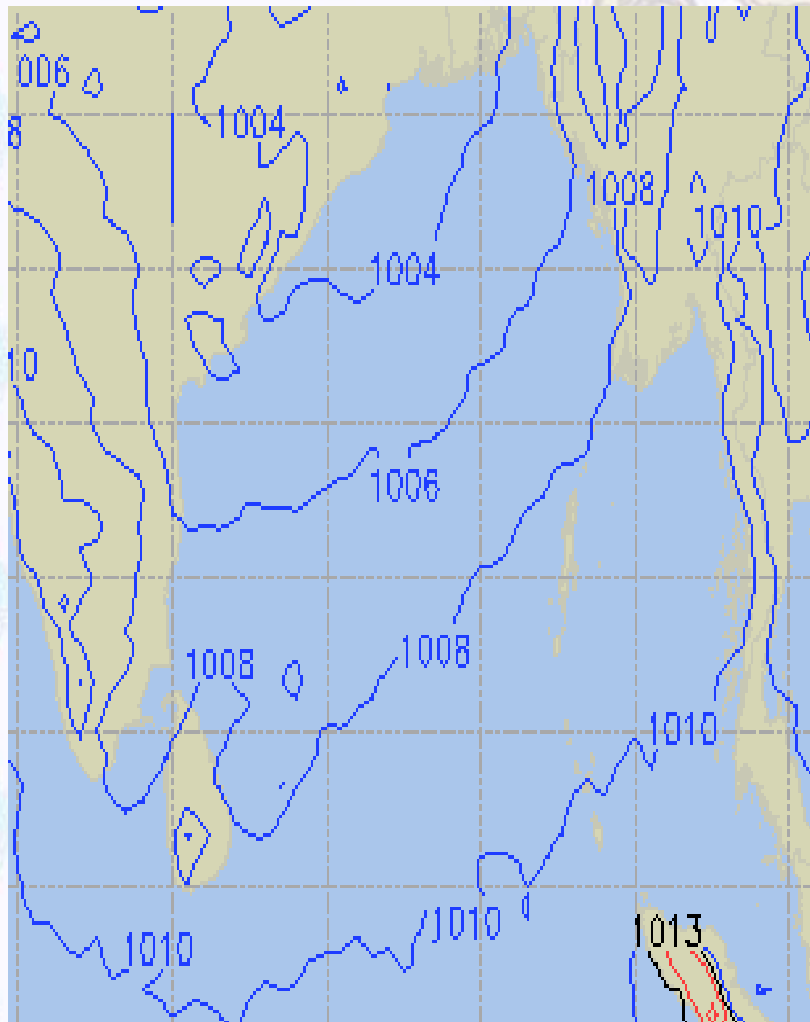




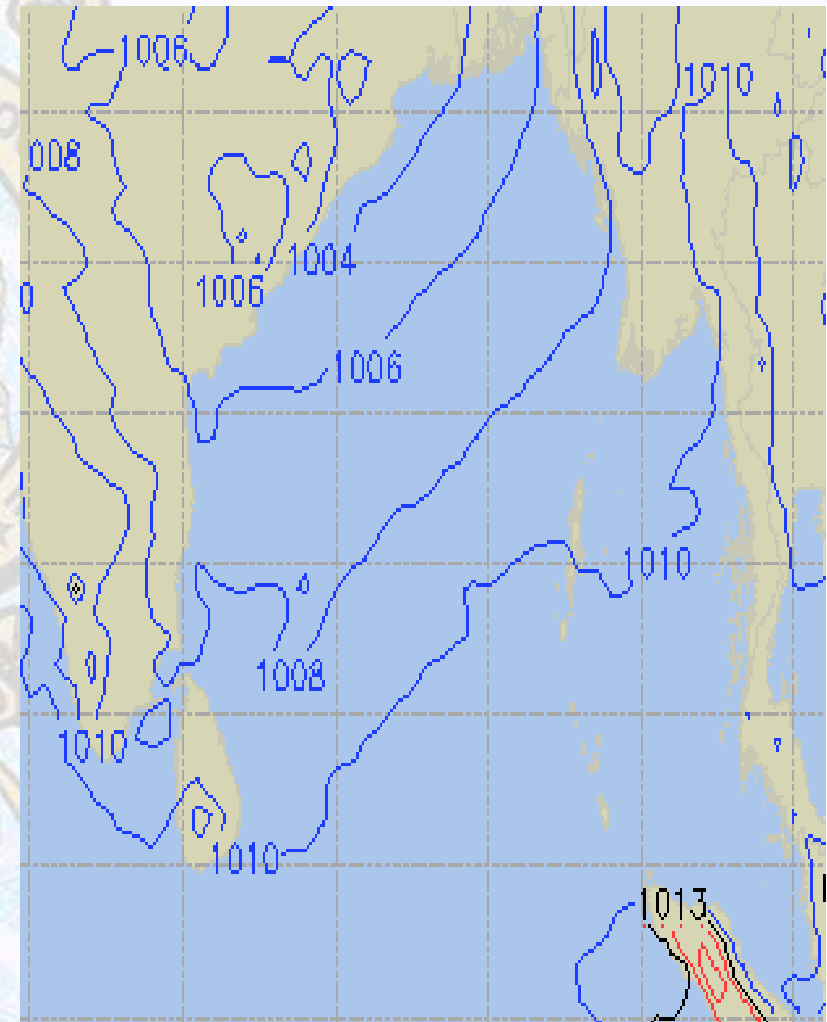


# Surface Pressure forecast – 22 & 23 Jun 2021

**22 Jun 21 Tuesday**



**23 Jun 21 Wednesday**

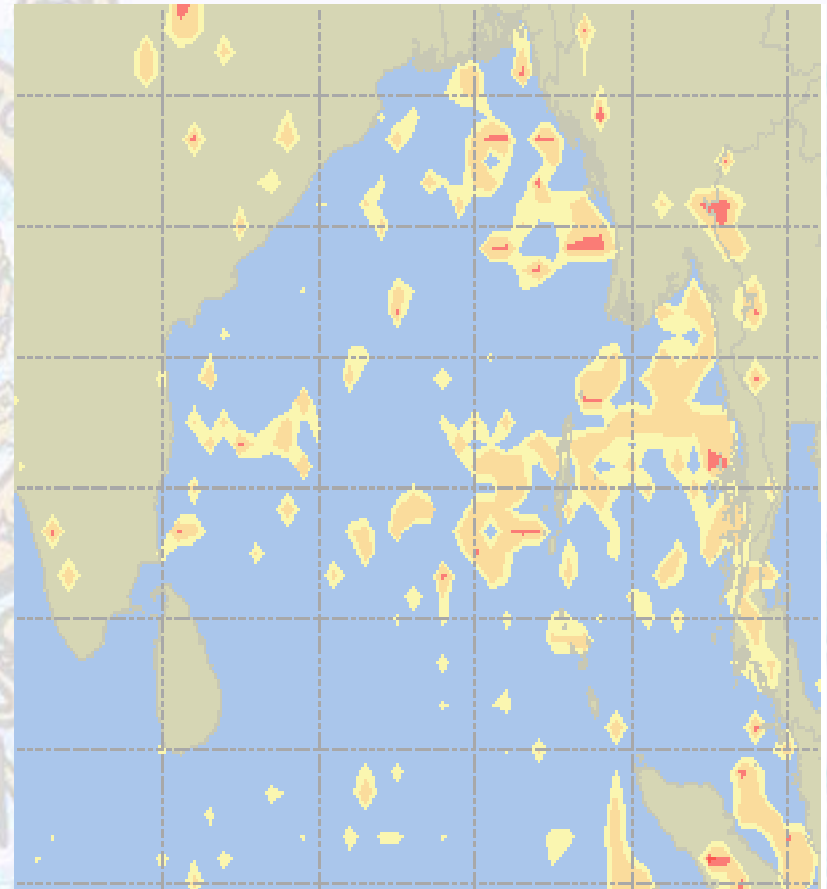
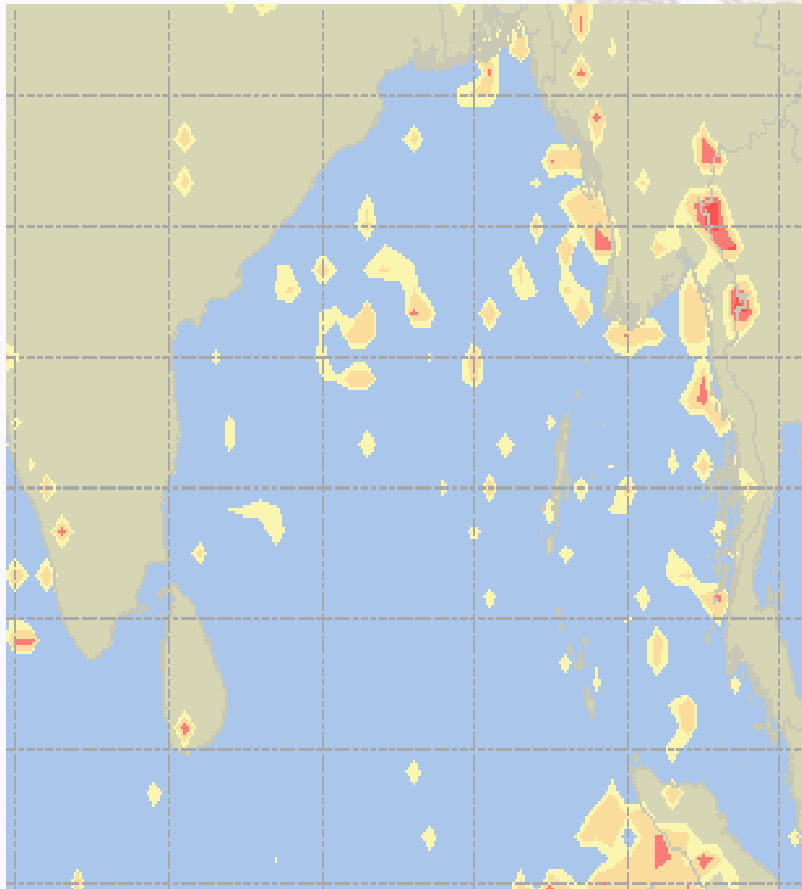




# Visibility at Sea Forecast – 22 & 23 Jun 2021

**22 Jun 21 Tuesday**

**23 Jun 21 Wednesday**



**Visibility Scale:**



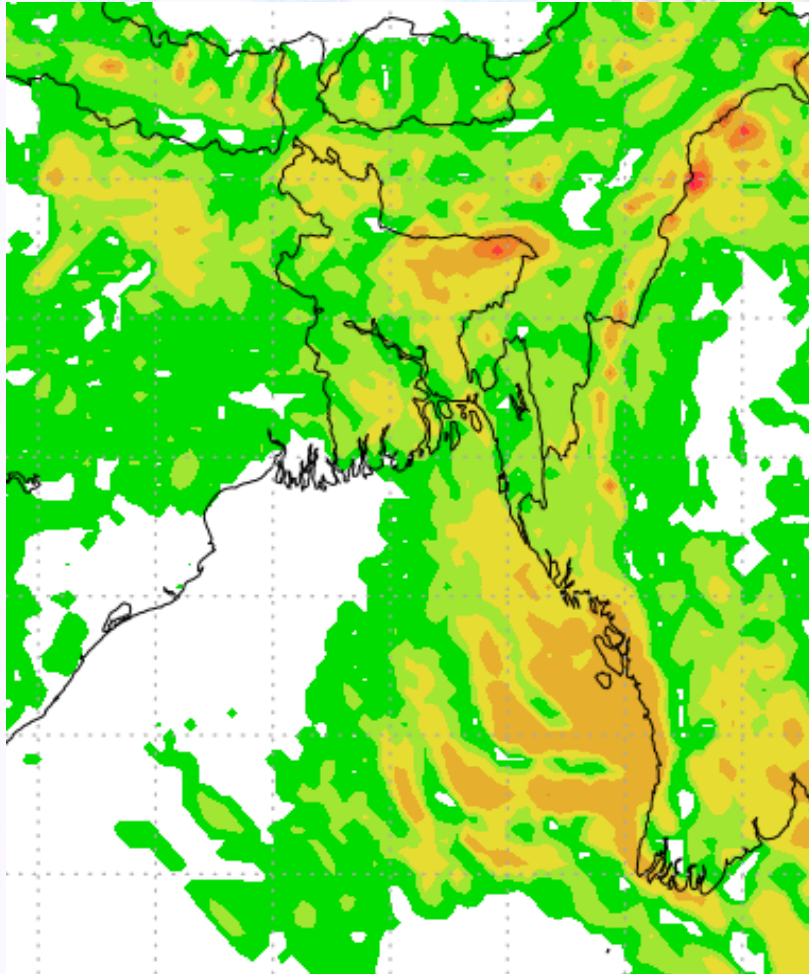
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



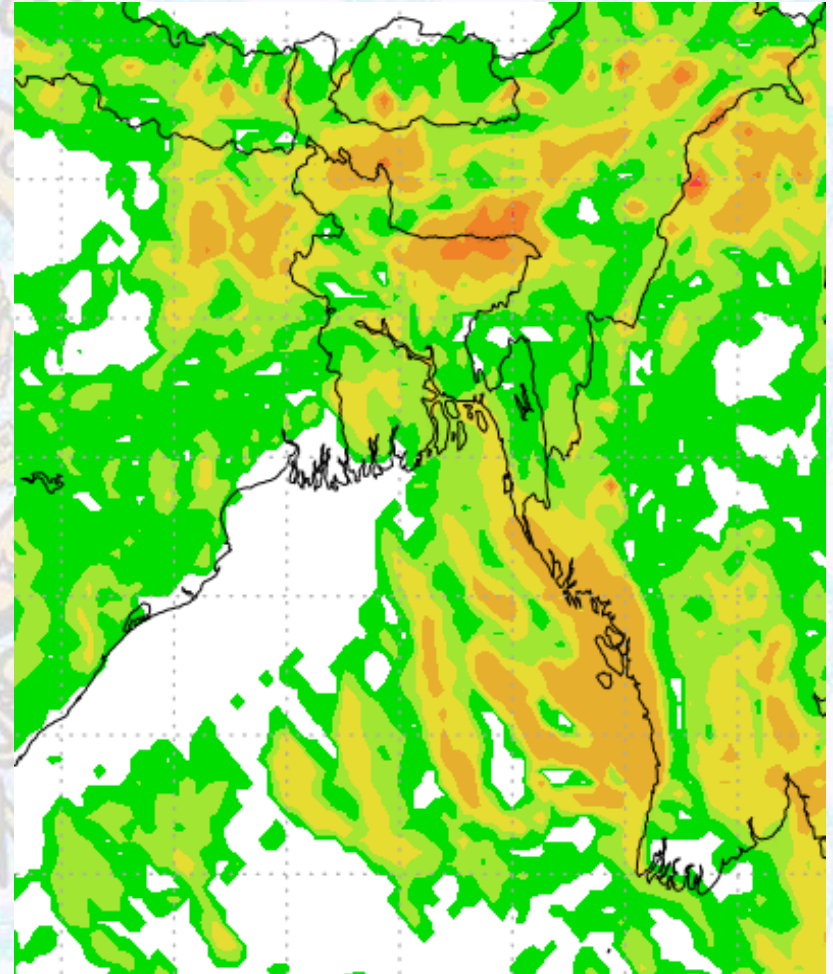


# Precipitation

Rain(mm) 22 & 23 Jun 2021



Rain(mm) 23 & 24 Jun 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>22 Jun 2021</b>	0448	0.94		0221	1.05		0156	1.02
	1049	5.15		0822	3.61		0816	3.28
	1729	1.03		1501	1.03		1445	1.22
	2315	4.79		2044	3.35		2035	2.97
<b>23 Jun 2021</b>	Time	Height		Time	Height		Time	Height
	0542	0.84		0318	0.92		0255	0.93
	1140	5.32		0913	3.82		0909	3.41
	1822	0.90		1555	0.93		1543	1.10
	-	-		2135	3.47		2132	3.05
<b>24 Jun 2021</b>	Time	Height		Time	Height		Time	Height
	0007	4.91		0410	0.82		0348	0.86
	0632	0.75		1002	3.95		0959	3.49
	1226	5.43		1645	0.87		1635	1.01
	1911	0.83		2223	3.54		2223	3.10