



# WEATHER FORECAST FOR BN

**14 - 17 JUN 2021**



# WEATHER FORECAST – DHAKA

## 14.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C / 25°C	31°C / 25°C	29°C / 25°C	28°C / 24°C
Wind	21 km/h SE	23 km/h SSE	13 km/h SE	16 km/h SE
Humidity	77%	77%	80%	79%
Chance of Precip	21%	34%	47%	40%
Cloud Cover	76%	69%	81%	92%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise / Sunset	0510 / 1846			

### Conditions

Pressure : 1000 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 14.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 26°C	30°C / 26°C	29°C / 26°C	27°C / 25°C
Wind	21 km/h SE	20 km/h SE	19 km/h SE	18 km/h SE
Humidity	79%	79%	85%	85%
Chance of Precip.	14%	18%	17%	23%
Cloud Cover	69%	63%	82%	81%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise / Sunset	0507 / 1837			

### Conditions

Pressure : 1000 hpa

Visibility : 11.27 Km

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



# WEATHER FORECAST – KHULNA

## 14.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C / 27°C	30°C / 27°C	28°C / 26°C	28°C / 26°C
Wind	13 km/h ESE	15 km/h SE	10 km/h ESE	11 m/h ESE
Humidity	84%	84%	90%	91%
Chance of Precip.	22%	40%	24%	36%
Cloud Cover	84%	82%	84%	88%
Conditions	Rain	Rain	Cloudy	Rain
Sunrise/ Sunset	0515 / 1848			

### Conditions

Pressure : 999 hpa

Visibility : 11.27 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	15 Jun 2021	16 Jun 2021	17 Jun 2021
<b>Temperature (C)</b>	30°C / 26°C	30°C / 26°C	30°C / 26°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h10m30s/18h47m06s	5h10m40s/18h47m18s	5h11m00s/18h47m36s
<b>Day Length</b>	13h36m36s	13h36m36s	13h36m36s
<b>Moon Rise/ Set</b>	9:12AM/ 10:48PM	10:09AM/ 11:28PM	11:03AM/ 11:58PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 27%	Waxing Crescent, 37%	Waxing Crescent, 48%
<b>Nautical Twilight</b>	04:19, 19:34	04:19, 19:34	04:19, 19:35
<b>Civil Twilight</b>	04:46, 19:13	04:46, 19:13	04:46, 19:14
<b>Humidity</b>	D : 82% N : 86%	D : 83% N : 89%	D : 85% N : 89%
<b>Barometer (mb)</b>	996	997	999
<b>Visibility</b>	Poor	Poor	Poor
<b>Precip Chance</b>	86%	82%	92%
<b>Wind (km/hr)</b>	20 Km/h, SE	19 Km/h, SE	19 Km/h, SE

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	15 Jun 2021	16 Jun 2021	17 Jun 2021
<b>Temperature (C)</b>	29°C/ 25°C	29°C/ 25°C	29°C/ 25°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h08m00s/ 18h38m00s	5h08m12s/ 18h38m12s	5h08m30s/ 18h38m30s
<b>Day Length</b>	13h30m00s	13h30m00s	13h30m00s
<b>Moon Rise/ Set</b>	9:09AM/ 10:40PM	10:05AM/ 11:20PM	11:03AM/ 11:58PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 27%	Waxing Crescent, 37%	Waxing Crescent, 48%
<b>Nautical Twilight</b>	04:21, 19:33	04:21, 19:33	04:21, 19:34
<b>Civil Twilight</b>	04:41, 18:59	04:41, 18:59	04:42, 18:59
<b>Humidity</b>	D : 80%    N : 90%	D : 83%    N : 94%	D : 90%    N : 94%
<b>Barometer (mb)</b>	999	999	1000
<b>Visibility</b>	Poor	Poor	Poor
<b>Precip Chance</b>	93%	80%	90%
<b>Wind (km/hr)</b>	26 Km/h, SSE	23 Km/h, SSE	23 Km/h, SSE

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



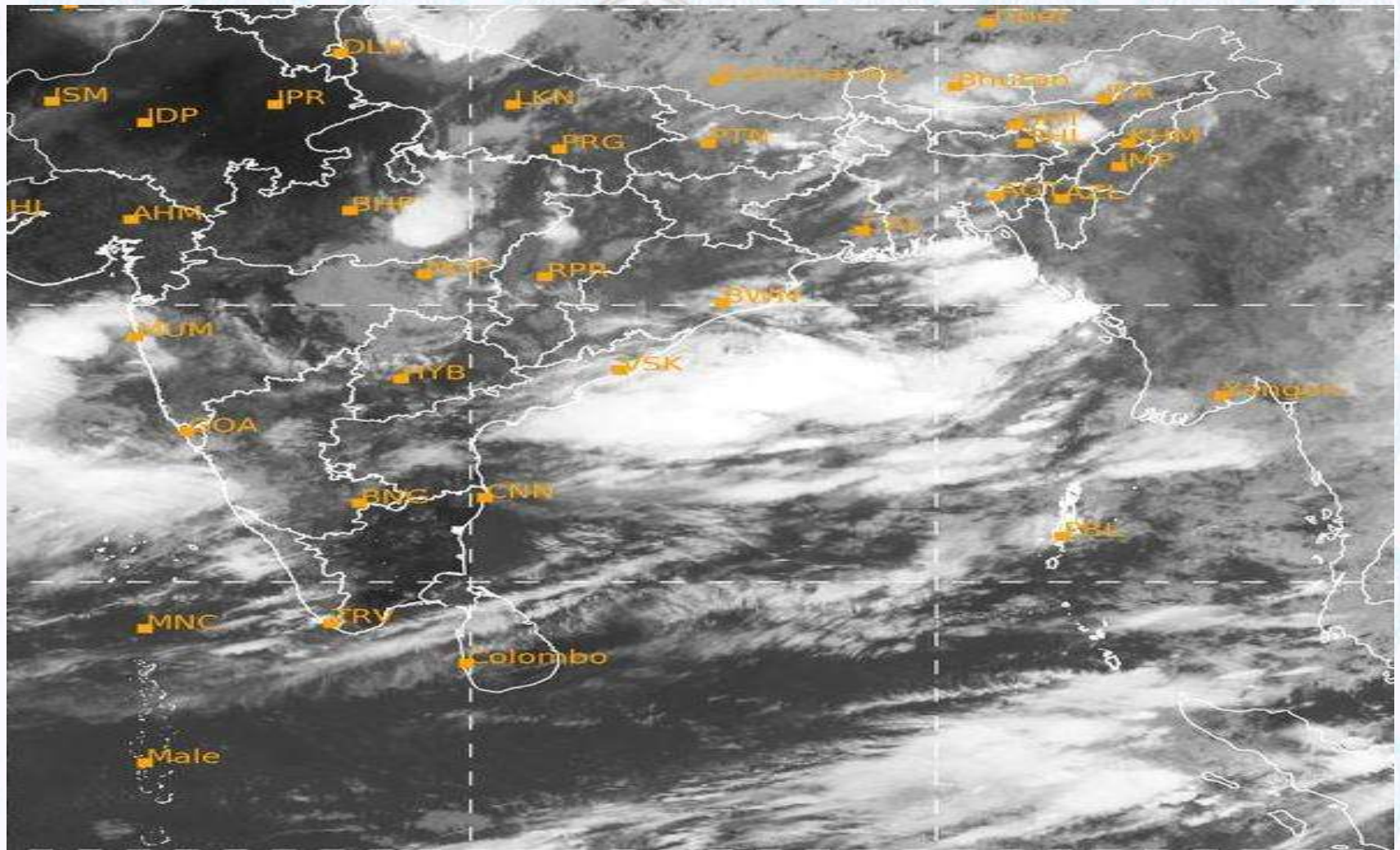
# GENERAL WEATHER FORECAST – KHULNA

Description	15 Jun 2021	16 Jun 2021	17 Jun 2021
<b>Temperature(C)</b>	29°C / 26°C	29°C / 26°C	29°C / 26°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h16m06s/ 18h48m18s	5h16m18s/ 18h48m30s	5h16m36s/ 18h48m48s
<b>Day Length</b>	13h 32m 12s	13h 32m 12s	13h 32m 12s
<b>Moon Rise/Set</b>	9:17AM/ 10:50PM	10:09AM/ 11:28PM	11:03AM/ 11:58PM
<b>Moon Phase/illu</b>	Waxing Crescent, 27%	Waxing Crescent, 37%	Waxing Crescent, 48%
<b>Nautical Twilight</b>	04:25, 19:38	04:25, 19:38	04:25, 19:38
<b>Civil Twilight</b>	04:49, 19:09	04:49, 19:09	04:49, 19:09
<b>Humidity</b>	D : 89%    N : 92%	D : 89%    N : 92%	D : 89%    N : 92%
<b>Barometer (mb)</b>	Poor	Poor	Poor
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	83%	88%	93%
<b>Wind (km/hr)</b>	14 Km/h, SSE	14 Km/h, S	10 Km/h, S

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



# SATELLITE VIEW OF BAY OF BENGAL



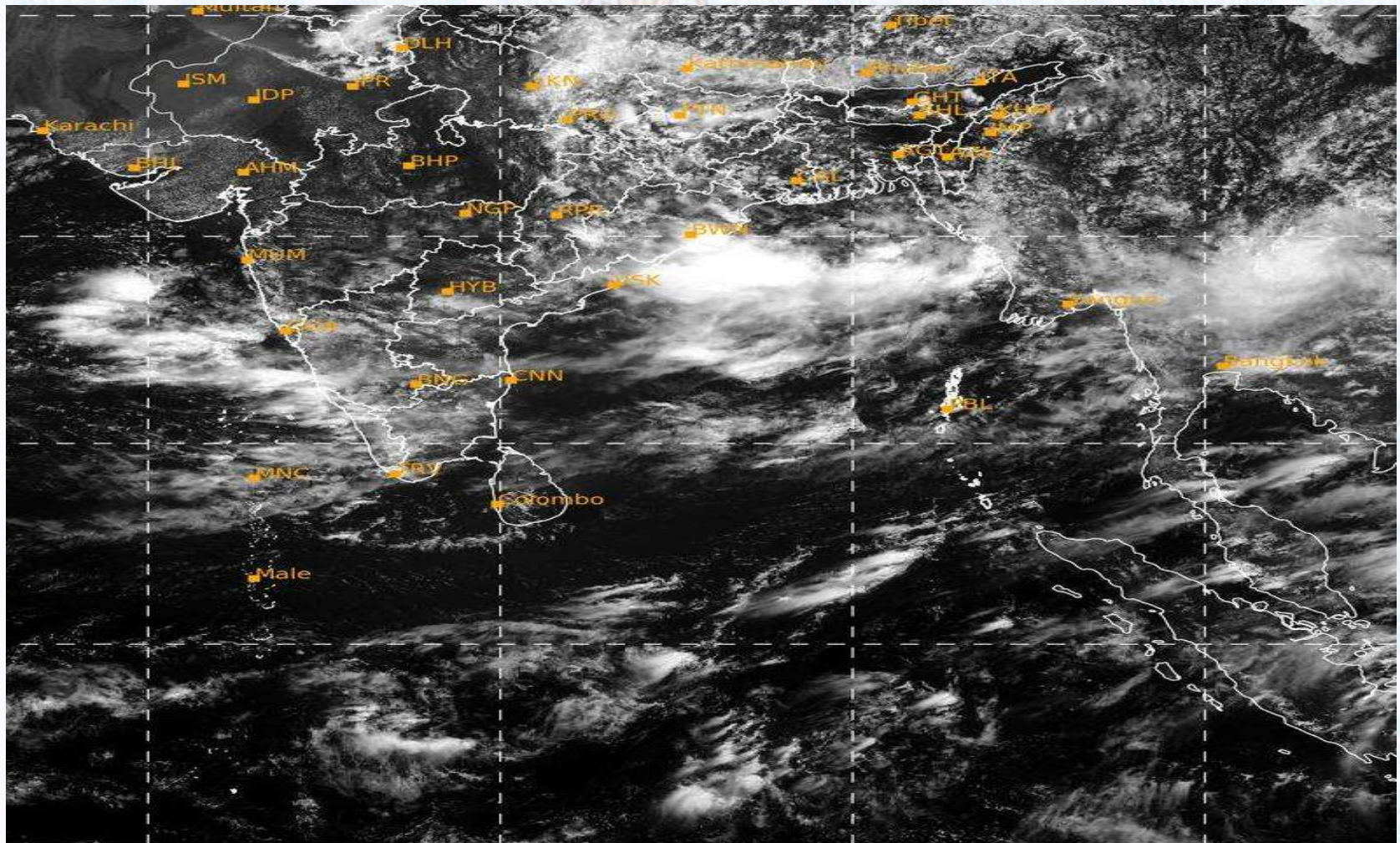
14/06/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



14/06/2021, 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 14.06.2021)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	THE LOW OVER NORTH-WEST BAY AND ADJOINING AREA PERSISTS. UNDER ITS INFLUENCE DEEP CONVECTION IS TAKING PLACE AND STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY AND ADJOINING AREA. MONSOON IS STRONG ELSEWHERE OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90 .
	Wind	<b>SE/S'LY</b> , 12-18 KTS, TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 14,0000 UTC. CHATTOGRAM =1000 HPA



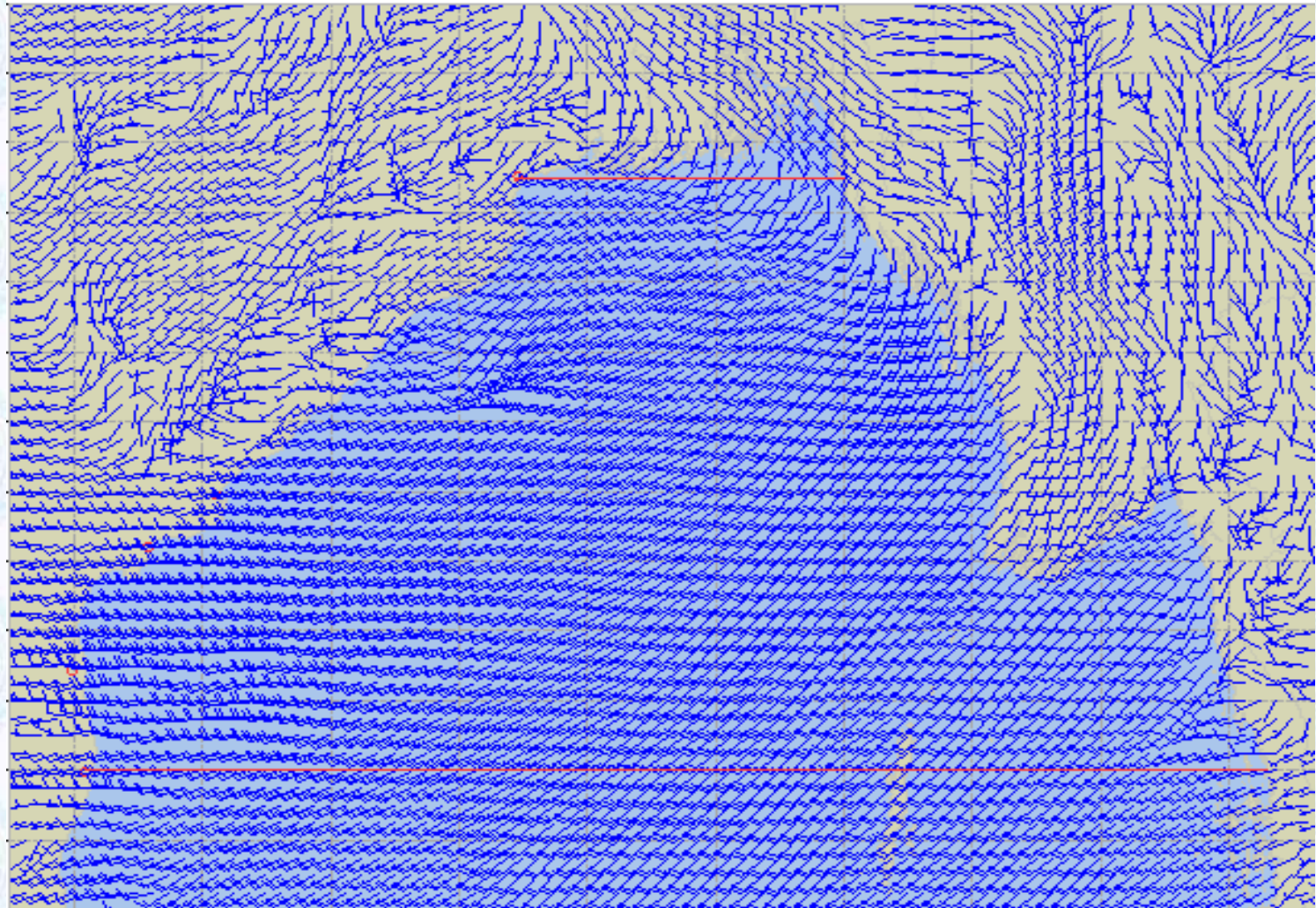
# Inland River Port Warning (VALID TILL 06 PM OF 14.06.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY S/SE'LY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, DINAJPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR & SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 15 Jun - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



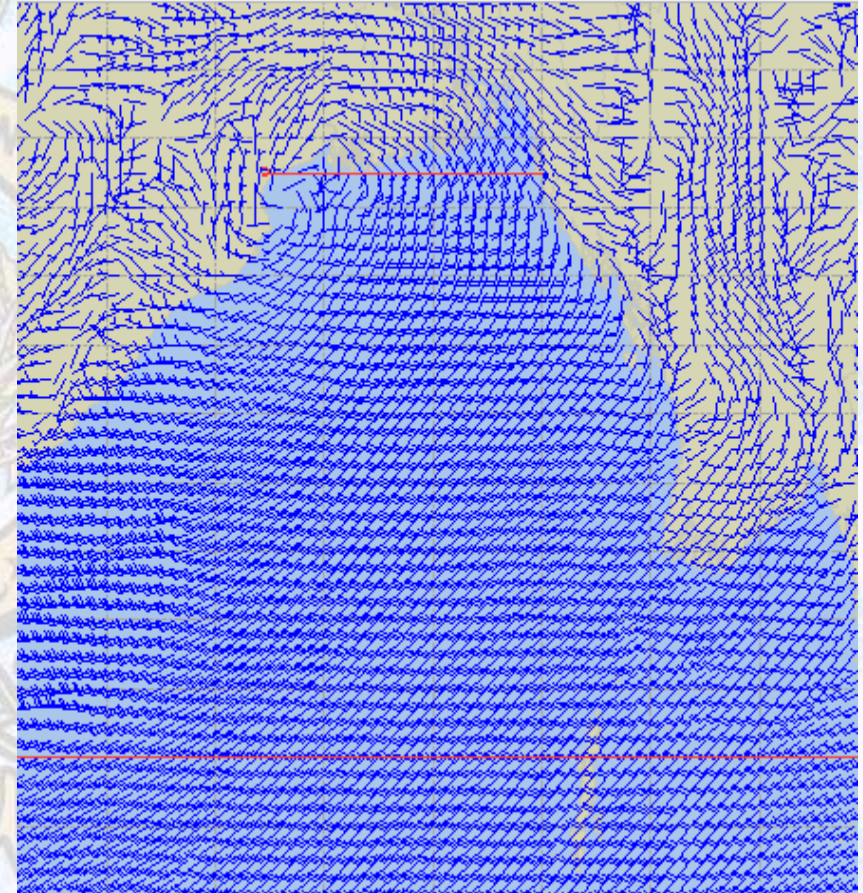
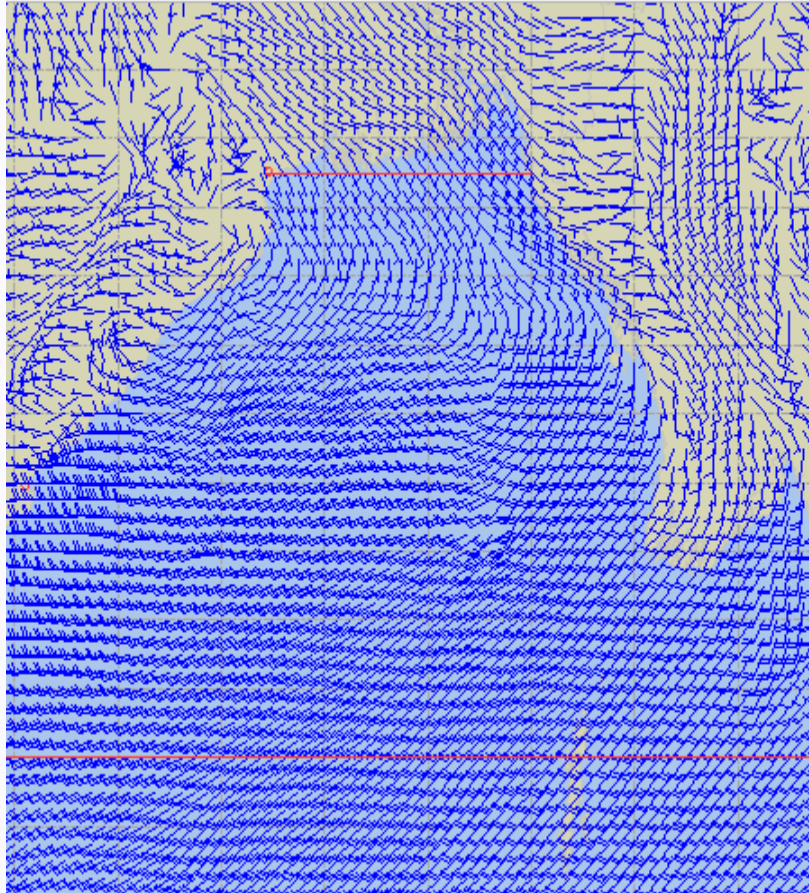
**60 Knots**



# Surface Wind Forecast – 16 & 17 Jun - 2021

16 Jun 21 Wednesday

17 Jun 21 Thursday



**Legend:**



Calm  
Winds



5 Knots



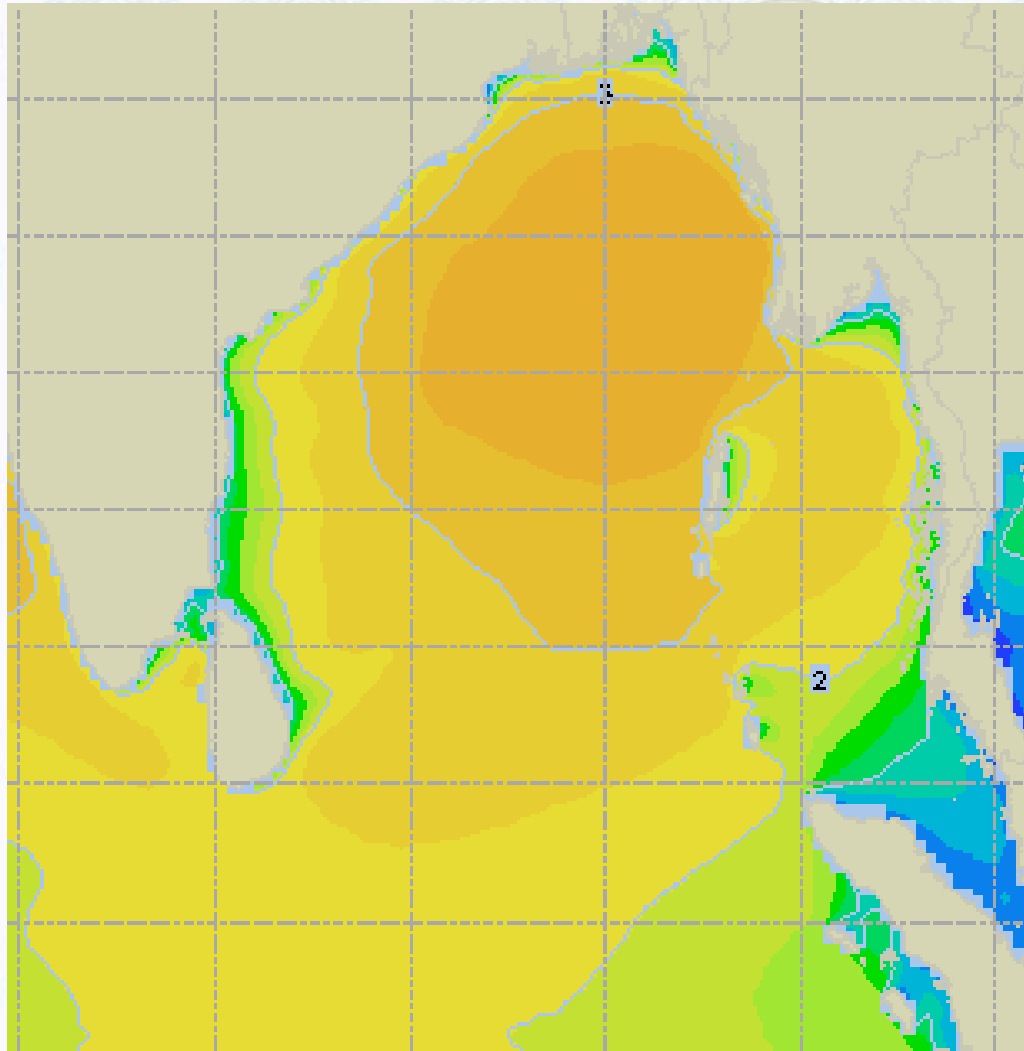
10 Knots



60 Knots



# Sea State Forecast – 15 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

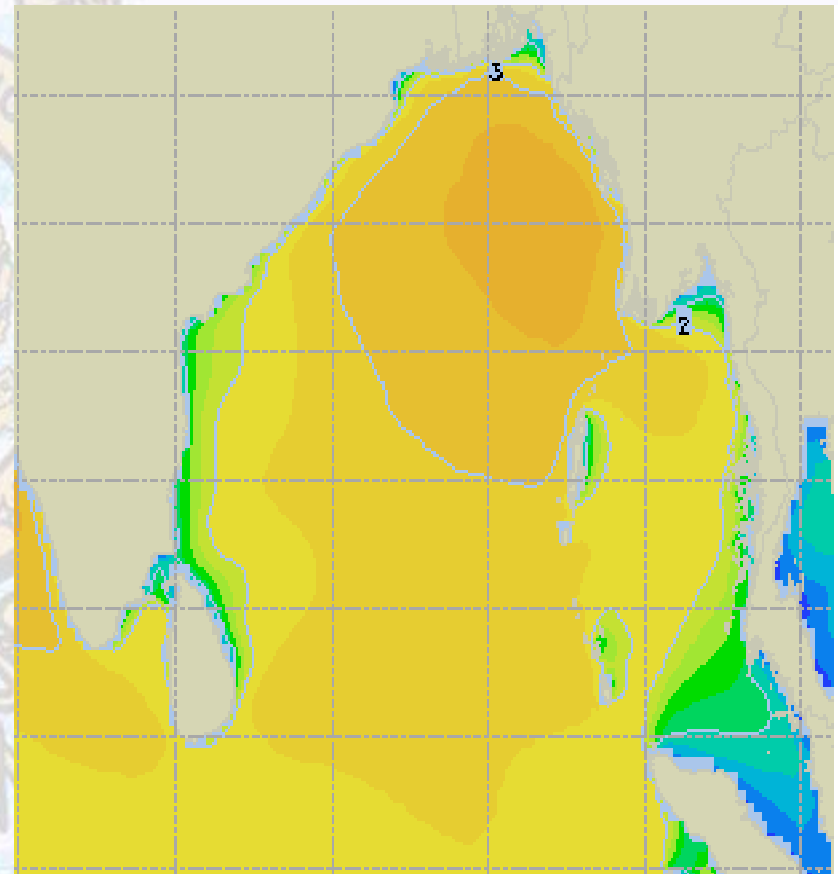
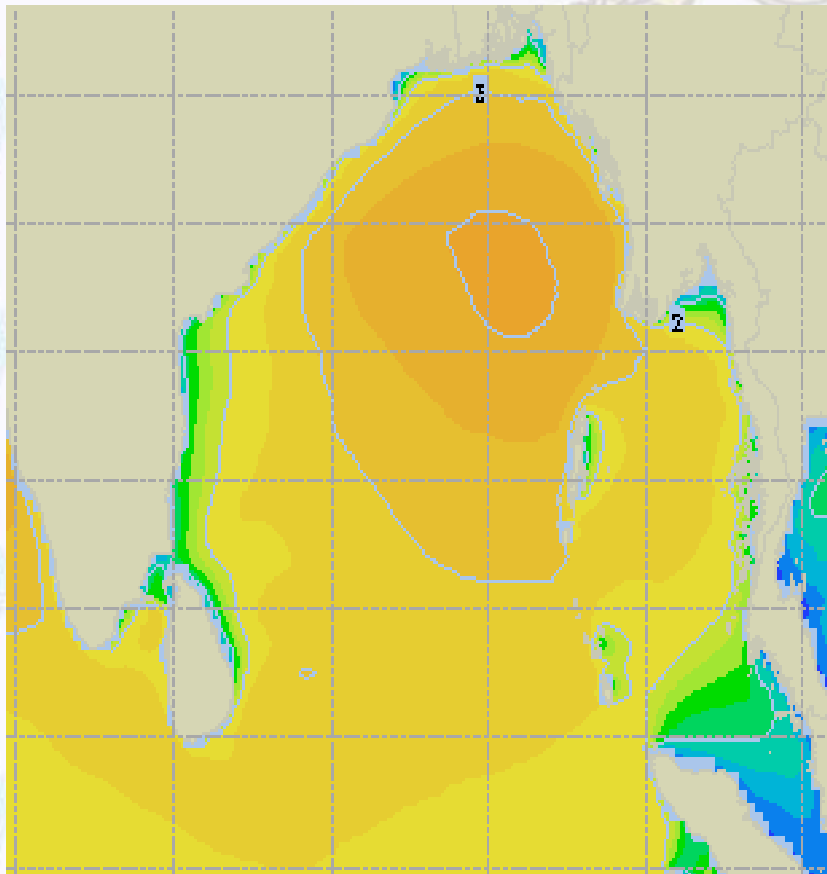




# Sea State Forecast – 16 & 17 Jun - 2021

16 Jun 21 Wednesday

17 Jun 21 Thursday

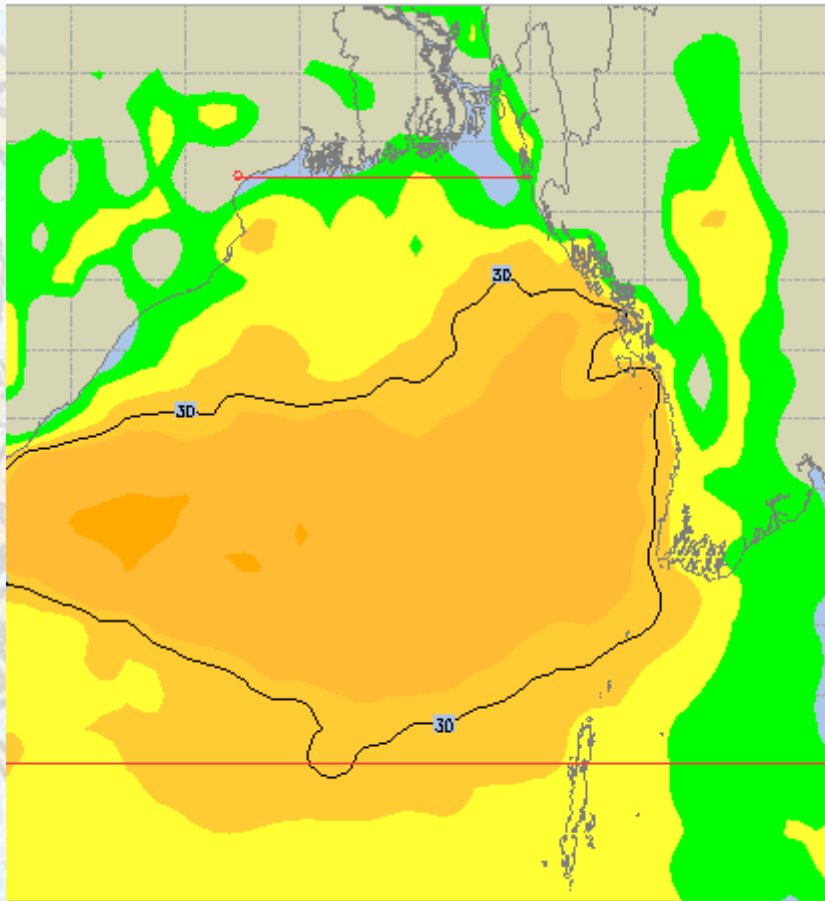
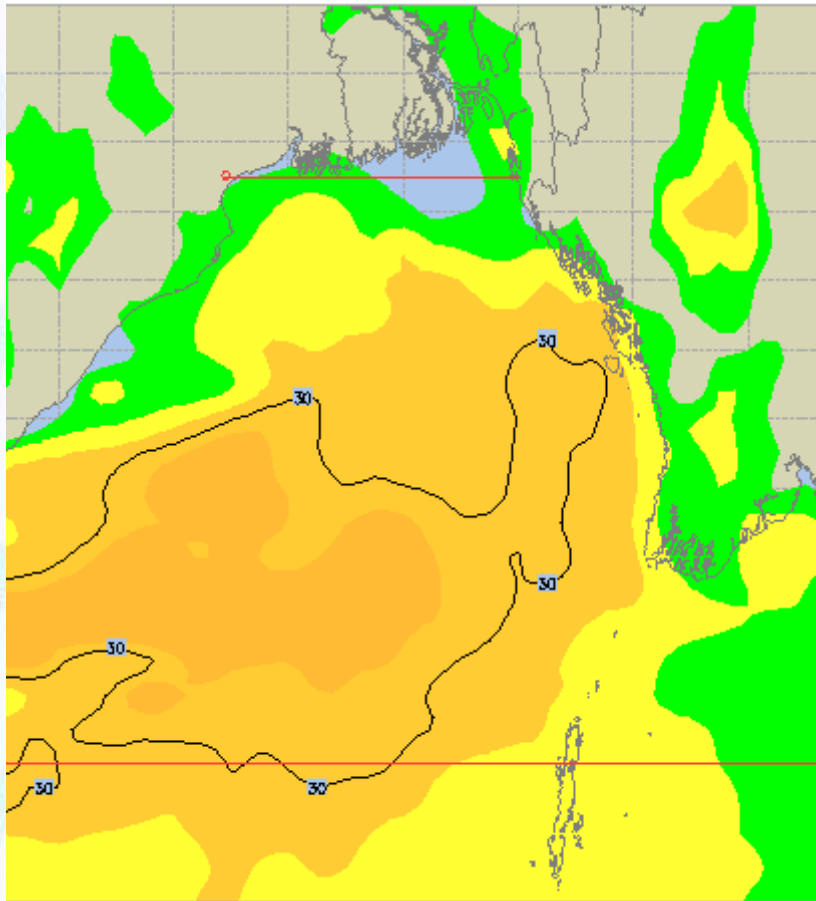




# Peak Gusting Possibilities– 15 & 16 Jun 2021

## 15 Jun 21 Tuesday

## 16 Jun 21 Wednesday

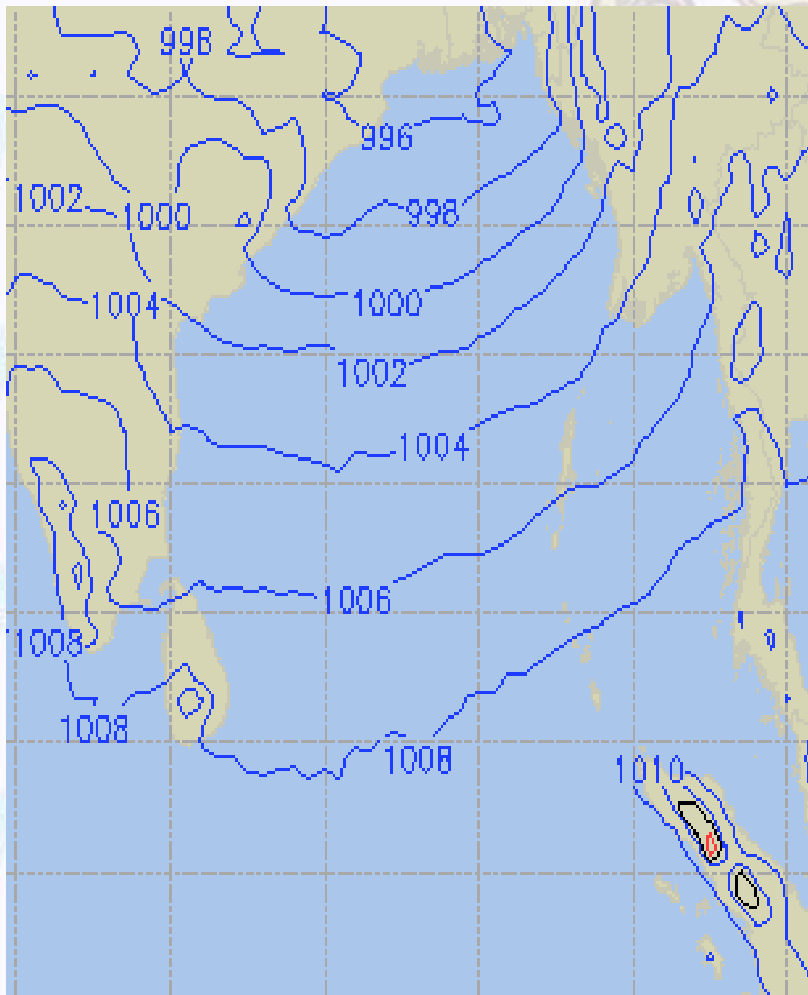




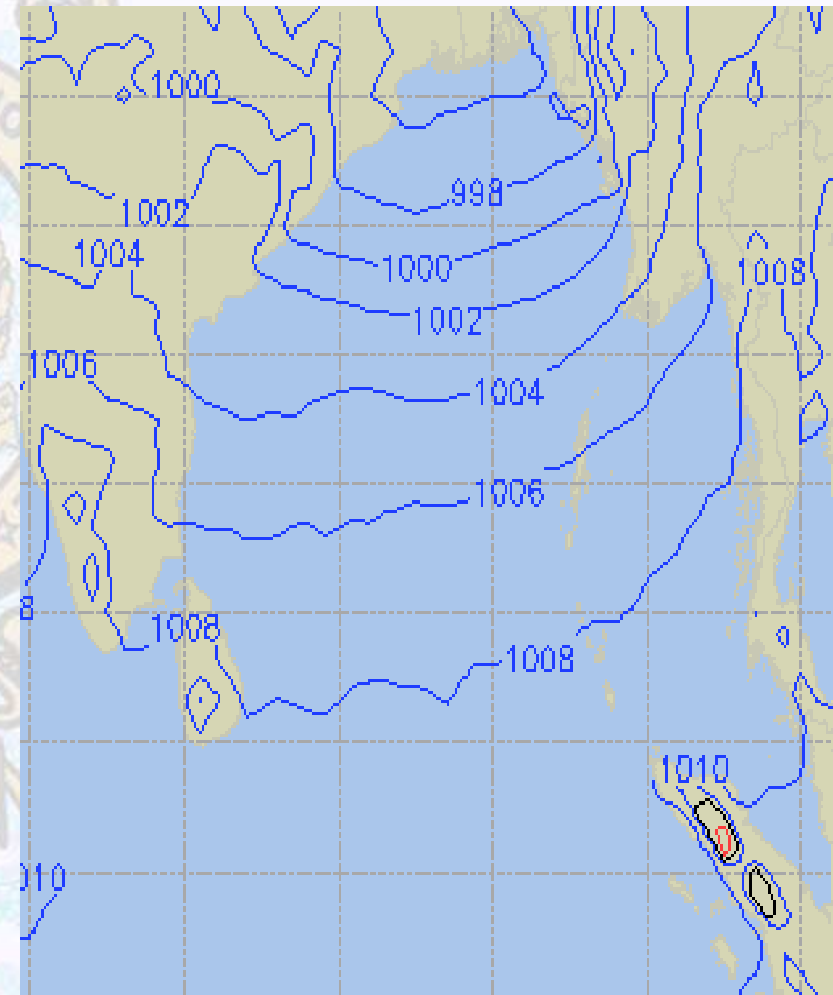


# Surface Pressure forecast – 15 & 16 Jun 2021

**15 Jun 21 Tuesday**



**16 Jun 21 Wednesday**

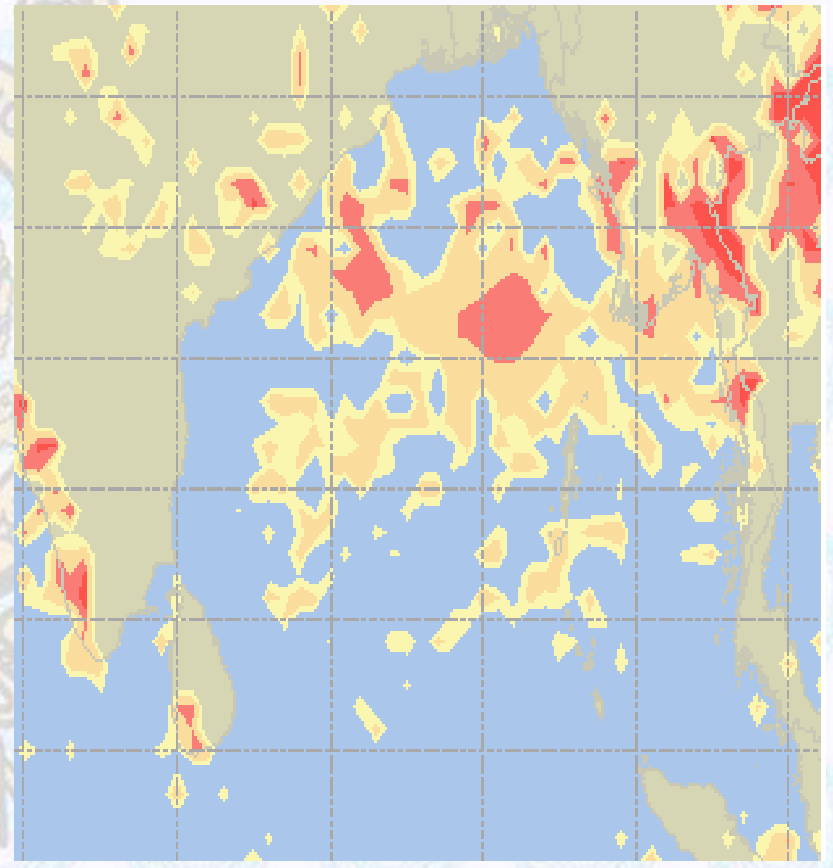
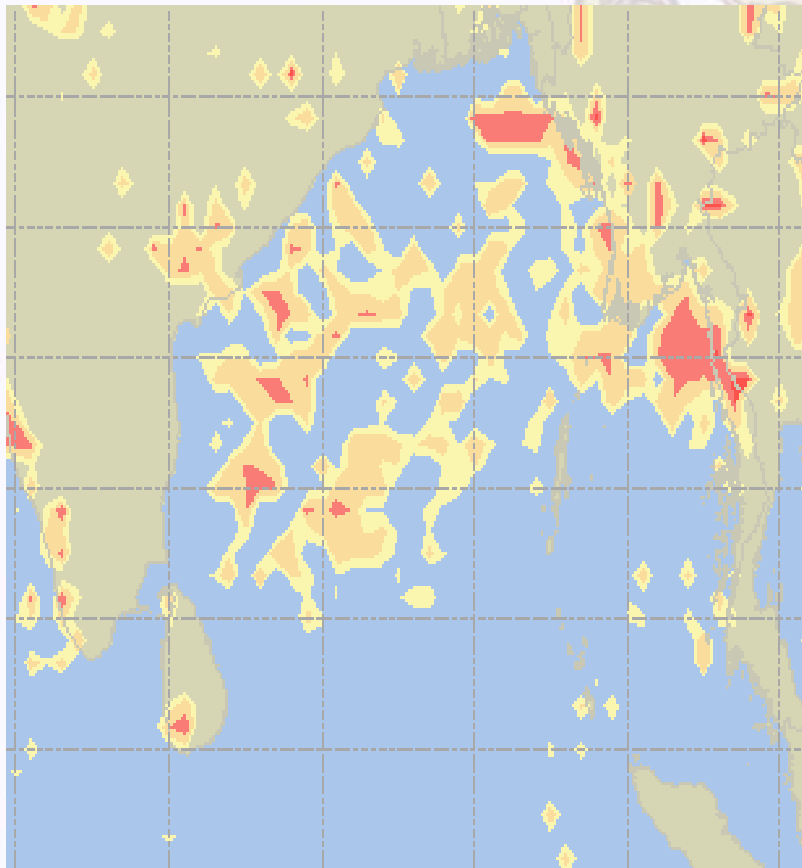




# Visibility at Sea Forecast – 15 & 16 Jun 2021

15 Jun 21 Tuesday

16 Jun 21 Wednesday



**Visibility Scale:**

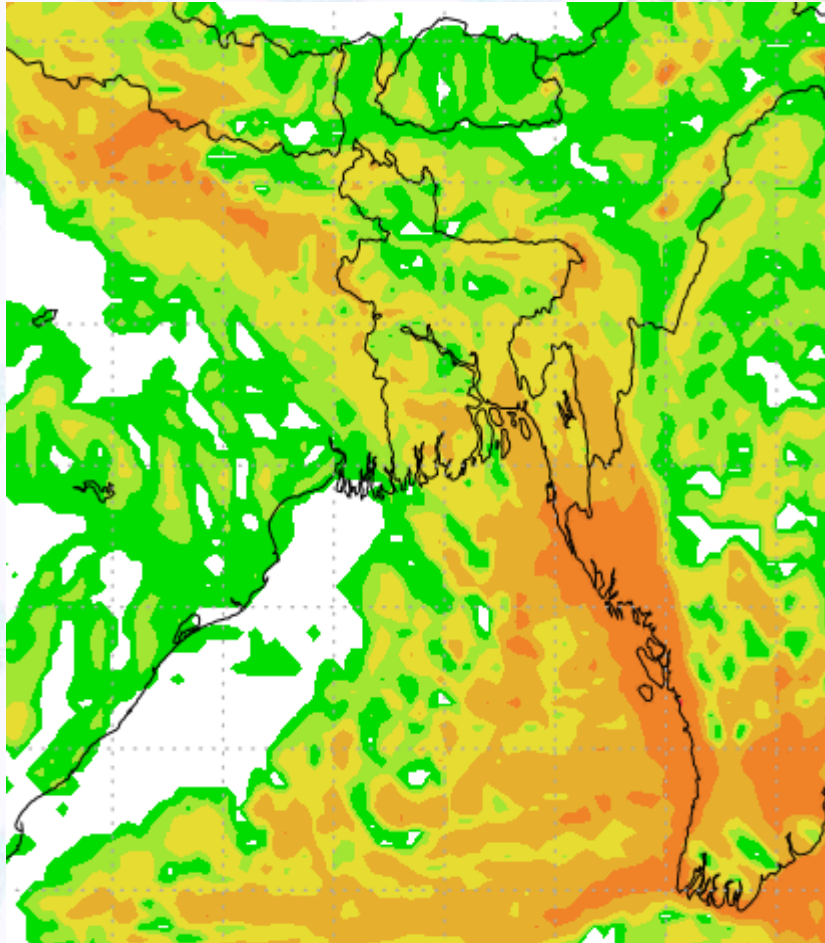


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

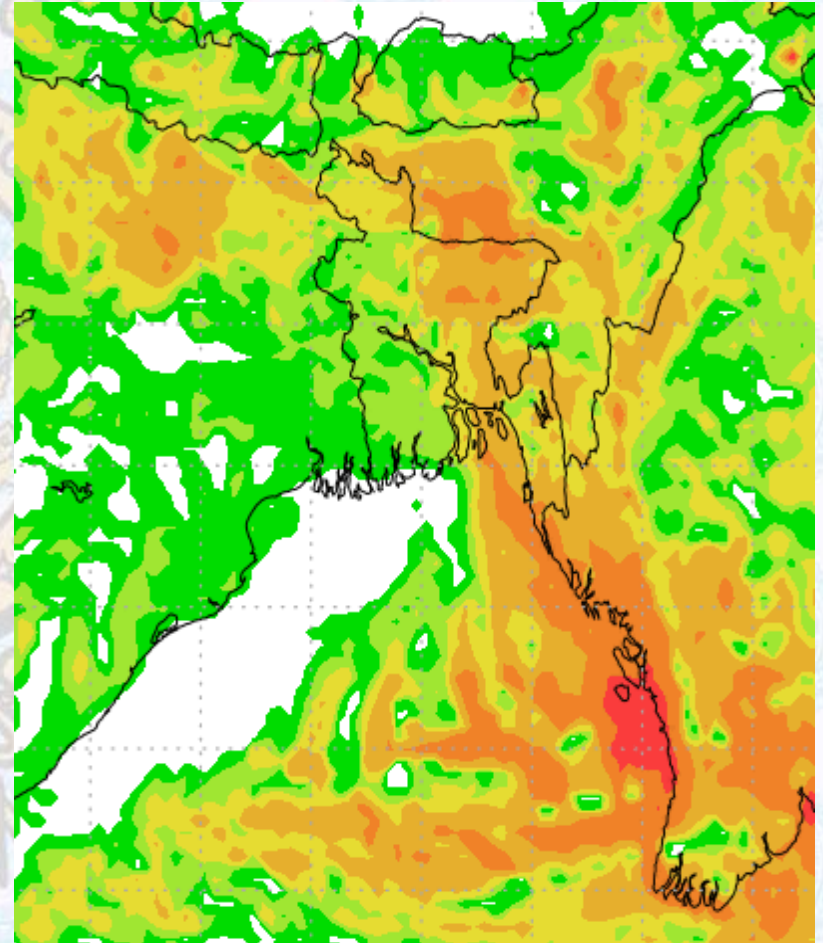


# Precipitation

Rain(mm) 15 & 16 Jun 2021



Rain(mm) 16 & 17 Jun 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0334		4.55			0113	3.00
15 Jun 2021	0951	1.07		0731	1.07		0708	1.09
	1549	4.90		1343	3.33		1318	3.15
	2232	1.11		2007	1.14		1955	1.17
	Time	Height		Time	Height		Time	Height
16 Jun 2021	0422	4.47		0158	2.92		0147	2.81
	1039	1.21		0814	1.18		0751	1.20
	1641	4.78		1427	3.21		1402	3.09
	2323	1.16		2053	1.23		2041	1.20
	Time	Height		Time	Height		Time	Height
17 Jun 2021	0520	4.42		0251	2.85		0123	2.56
	1137	1.35		0908	1.29		0749	0.53
	1742	4.65		1521	3.10		1357	2.48
	-	-		2149	1.31		2004	0.79