



**WEATHER FORECAST FOR BN**

***17 - 20 JUN 2021***



# WEATHER FORECAST – DHAKA

## 17.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29°C / 25°C	29°C / 25°C	28°C / 24°C	27°C / 24°C
Wind	19 km/h SE	21 km/h SE	15 km/h SE	12 km/h SE
Humidity	79%	80%	81%	84%
Chance of Precip	19%	16%	33%	53%
Cloud Cover	84%	82%	81%	83%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise / Sunset	0511 / 1847			

### Conditions

Pressure : 1000 hpa

Visibility : 12.87 km

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





# WEATHER FORECAST – CHATTOGRAM

## 17.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28°C / 25°C	27°C / 25°C	27°C / 26°C	26°C / 25°C
Wind	11 km/h SSE	14 km/h SSE	17 km/h SSE	18 km/h SE
Humidity	86%	89%	96%	93%
Chance of Precip.	22%	20%	47%	77%
Cloud Cover	88%	88%	94%	100%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise / Sunset	0508 / 1838			

### Conditions

Pressure : 1001 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 17.06.2021

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	13 km/h SSE	15 km/h S	8 km/h S	8 m/h S
Humidity	89%	91%	94%	93%
Chance of Precip.	20%	19%	35%	53%
Cloud Cover	97%	97%	94%	95%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise/ Sunset	0516 / 1848			

### Conditions

Pressure : 1000 hpa

Visibility : 12.87 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	18 Jun 2021	19 Jun 2021	20 Jun 2021
<b>Temperature (C)</b>	29°C / 25°C	29°C / 25°C	30°C / 26°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h11m12s/18h47m48s	5h11m30s/18h48m06s	5h11m42s/18h48m18s
<b>Day Length</b>	13h36m36s	13h36m36s	13h36m36s
<b>Moon Rise/ Set</b>	12:05AM/ 12:04PM	1:04PM/ 12:41AM	2:05PM/ 1:18AM
<b>Moon Phase/ illu</b>	First Quarter, 48%	Waxing Gibbous, 59%	Waxing Gibbous, 70%
<b>Nautical Twilight</b>	04:18, 19:35	04:18, 19:35	04:18, 19:36
<b>Civil Twilight</b>	04:45, 19:14	04:45, 19:14	04:45, 19:15
<b>Humidity</b>	D : 83% N : 88%	D : 87% N : 90%	D : 84% N : 88%
<b>Barometer (mb)</b>	1002	1002	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	70%	81%	89%
<b>Wind (km/hr)</b>	21 Km/h, SE	17 Km/h, SSE	14 Km/h, SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	18 Jun 2021	19 Jun 2021	20 Jun 2021
<b>Temperature (C)</b>	27°C/ 25°C	27°C/ 25°C	28°C/ 25°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h08m42s/ 18h38m42s	5h09m00s/ 18h39m00s	5h09m12s/ 18h39m12s
<b>Day Length</b>	13h30m00s	13h30m00s	13h30m00s
<b>Moon Rise/ Set</b>	12:000AM -	12:58PM/ 12:35AM	1:58PM/ 1:13AM
<b>Moon Phase/ illu</b>	First Quarter, 48%	Waxing Gibbous, 59%	Waxing Gibbous, 70%
<b>NauticalTwilight</b>	04:20, 19:34	04:20, 19:34	04:20, 19:35
<b>Civil Twilight</b>	04:42, 18:59	04:42, 18:59	04:43, 18:59
<b>Humidity</b>	D : 93% N : 95%	D : 94% N : 95%	D : 91% N : 95%
<b>Barometer (mb)</b>	1001	1002	1002
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	98%	100%	93%
<b>Wind (km/hr)</b>	25 Km/h, SSE	19 Km/h, S	16 Km/h, S

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





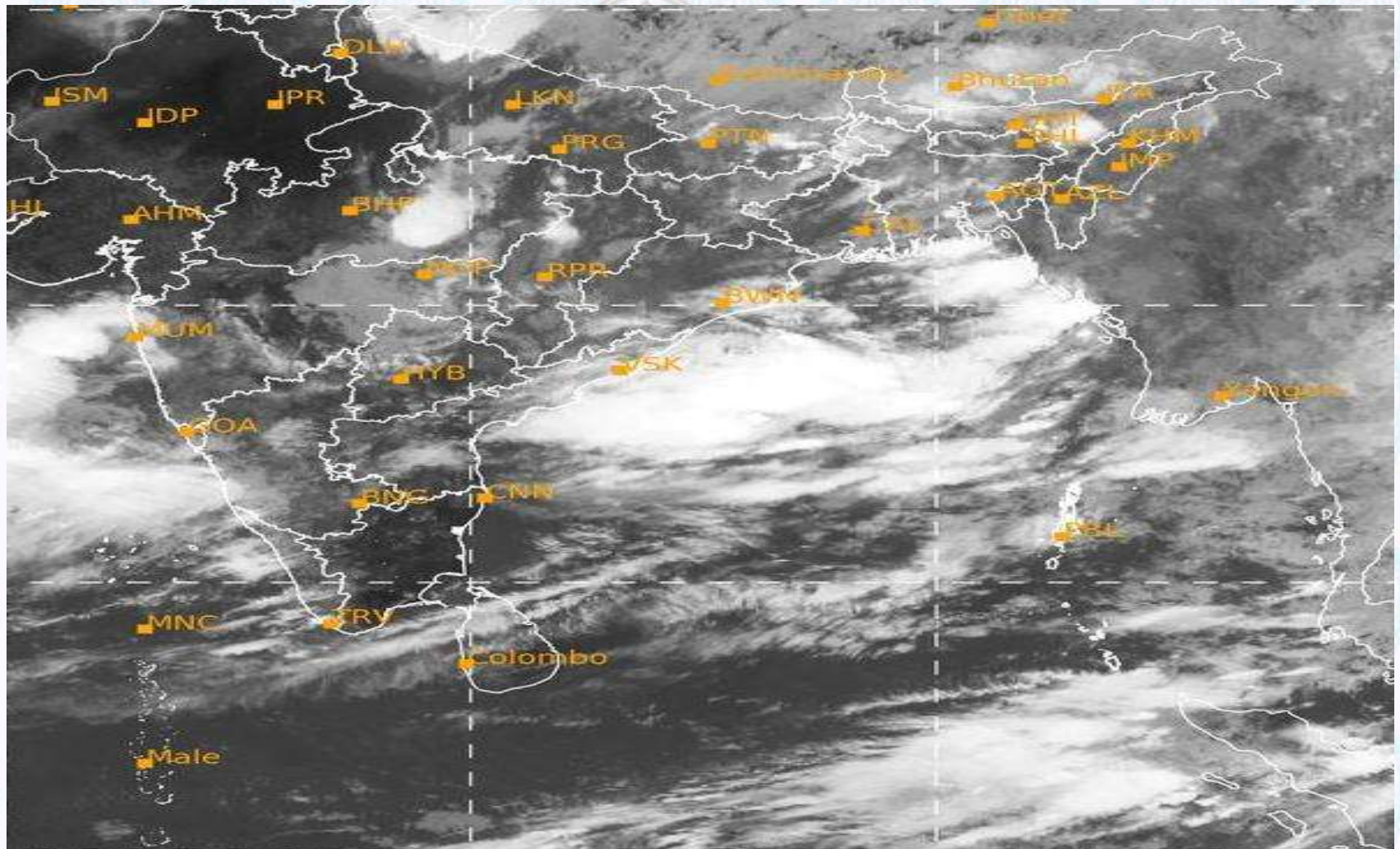
# GENERAL WEATHER FORECAST – KHULNA

Description	18 Jun 2021	19 Jun 2021	20 Jun 2021
<b>Temperature(C)</b>	28°C / 26°C	28°C / 26°C	30°C / 26°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h16m48s/ 18h49m00s	5h17m06s/ 18h49m18s	5h17m06s/ 18h49m18s
<b>Day Length</b>	13h 32m 12s	13h 32m 12s	13h 32m 12s
<b>Moon Rise/Set</b>	12:09AM/ 12:07PM	1:07PM/ 12:44AM	2:08PM/ 1:22AM
<b>Moon Phase/illu</b>	First Quarter, 48%	Waxing Gibbous, 59%	Waxing Gibbous, 70%
<b>Nautical Twilight</b>	04:24, 19:39	04:24, 19:39	04:24, 19:40
<b>Civil Twilight</b>	04:48, 19:10	04:48, 19:10	04:48, 19:11
<b>Humidity</b>	D : 96%    N : 95%	D : 93%    N : 94%	D : 89%    N : 95%
<b>Barometer (mb)</b>	1001	1001	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	89%	92%	81%
<b>Wind (km/hr)</b>	11 Km/h, SSE	16 Km/h, SW	13 Km/h, SW

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



# SATELLITE VIEW OF BAY OF BENGAL



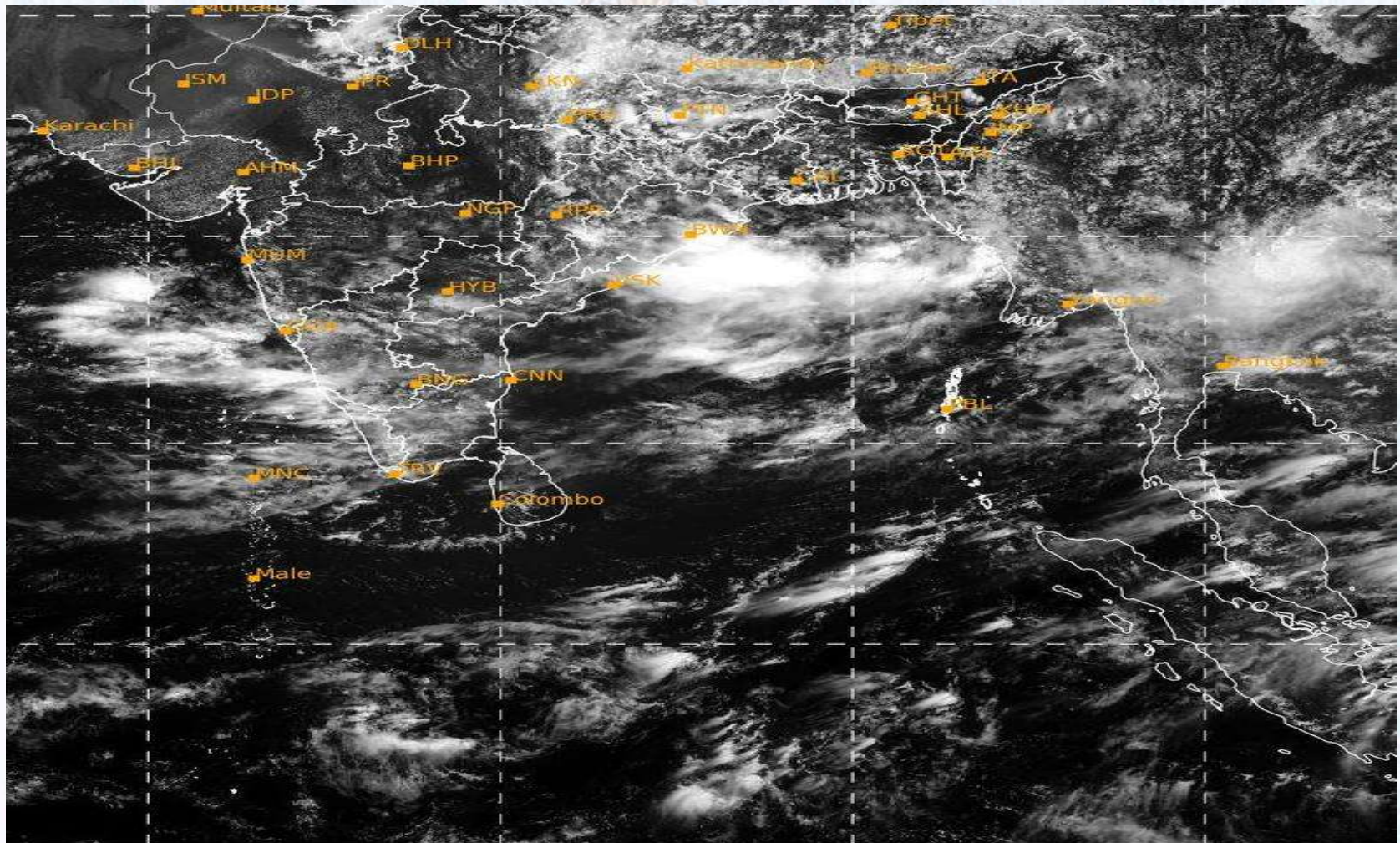
17/06/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



17/06/2021, 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 17.06.2021)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. STEEP PRESSURE GRADIENT AND DEEP CONVECTION IS CONTINUING OVER NORTH BAY. MONSOON IS MODERATE TO STRONG OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/T.SHOWERS OVER AREA C-90.
	Wind	S/SW'LY, 12-18 KTS, TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 17,0000 UTC. CHATTOGRAM =1001 HPA





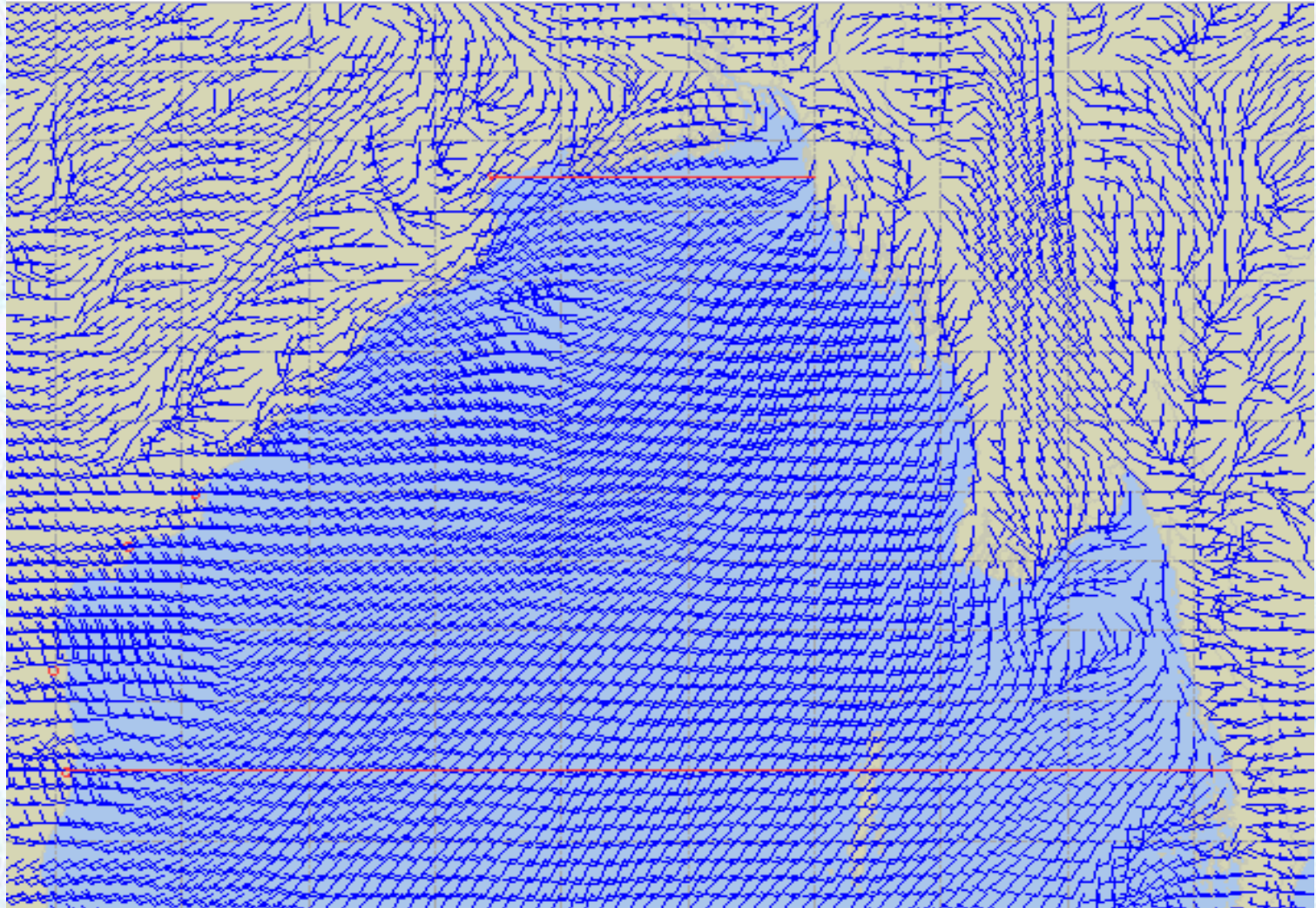
## Inland River Port Warning (VALID TILL 06 PM OF 17.06.2020)

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA, KHULNA, BARISHAL, CUMILLA, CHANDPUR, NOAKHALI, CHATTOGRAM, COXS BAZAR, MYMENSINGH AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 18 Jun - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

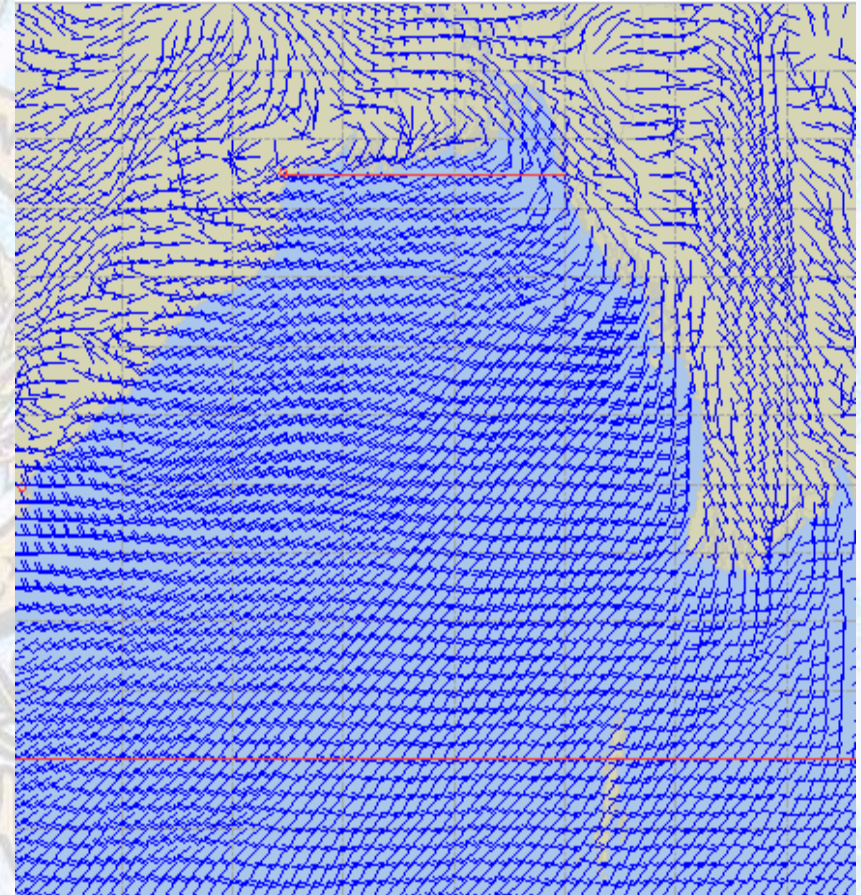
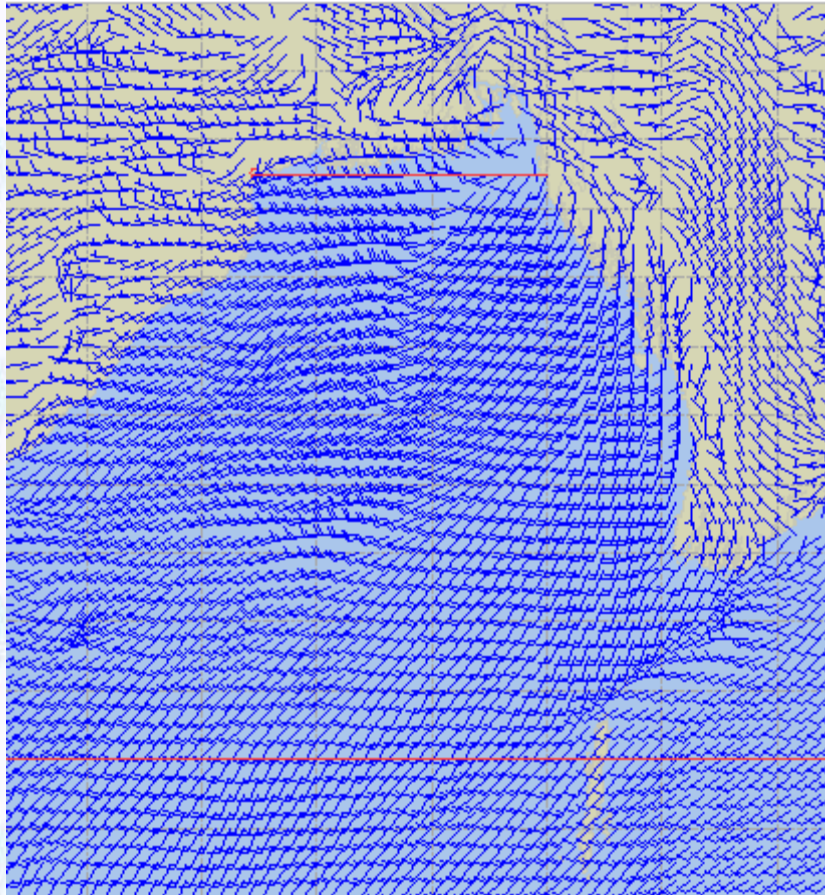




# Surface Wind Forecast – 19 & 20 Jun - 2021

19 Jun 21 Saturday

20 Jun 21 Sunday



**Legend:**



Calm  
Winds



5 Knots



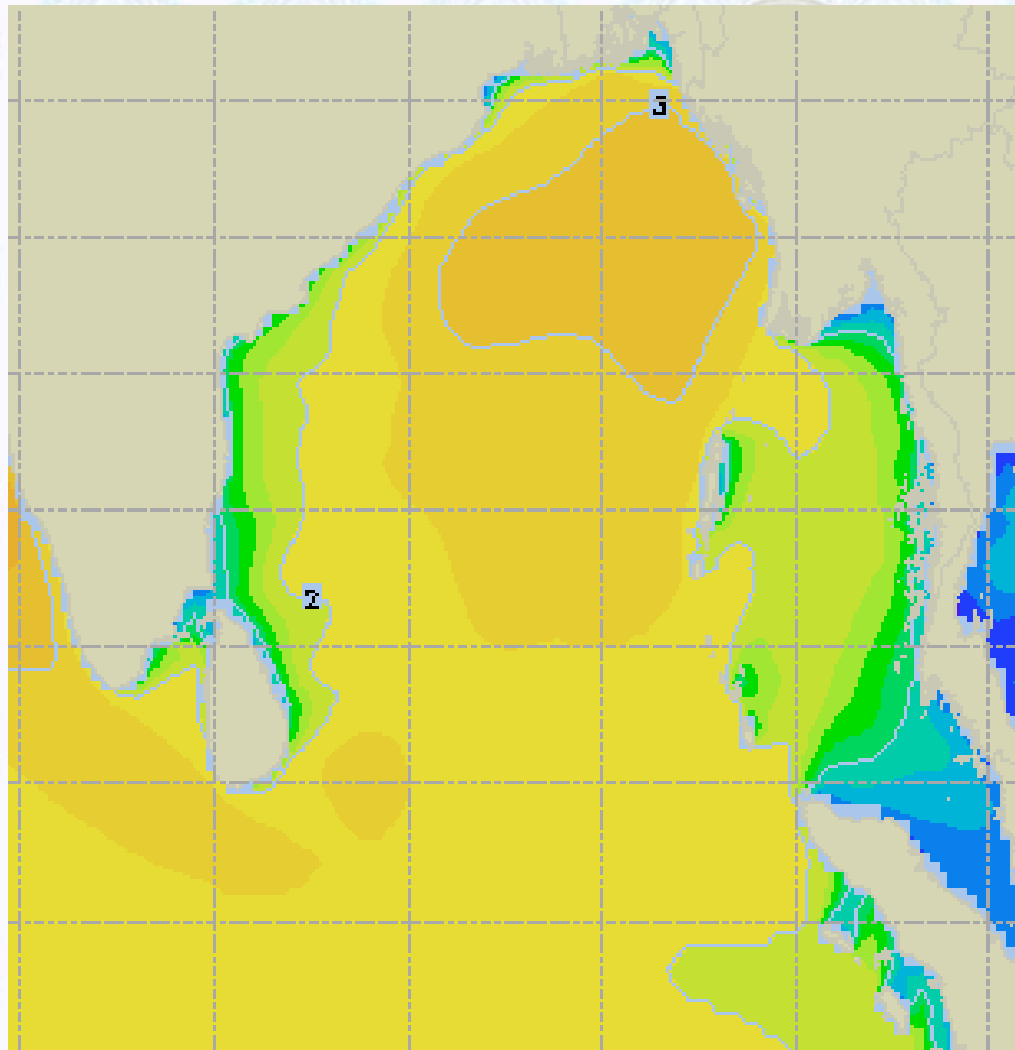
10 Knots



60 Knots



# Sea State Forecast – 18 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



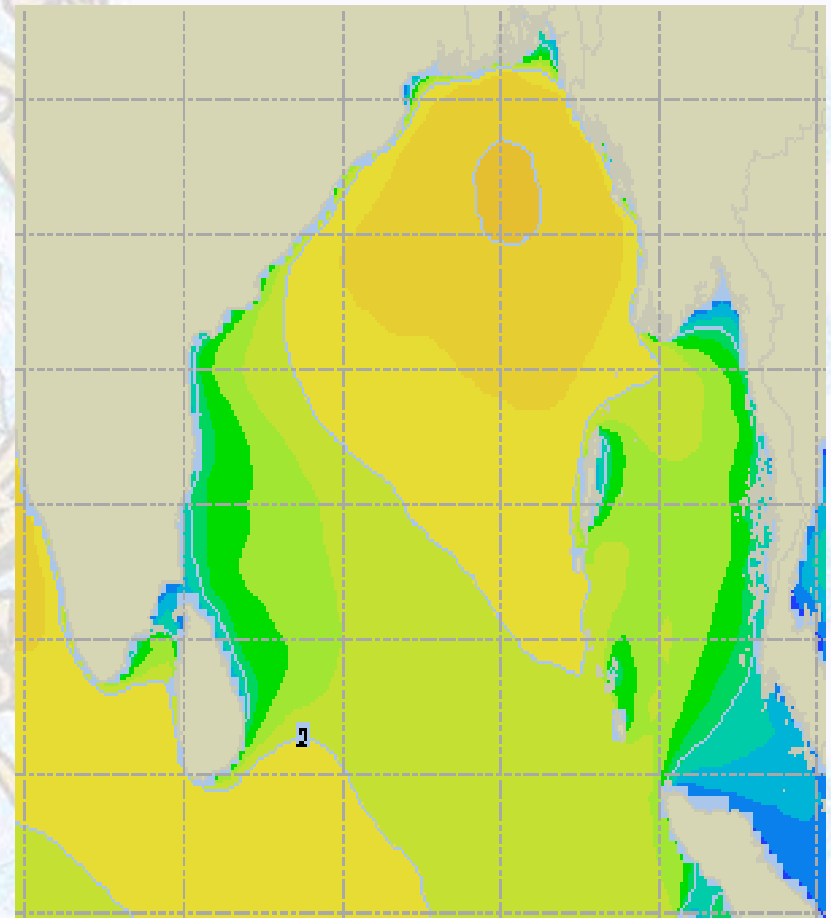
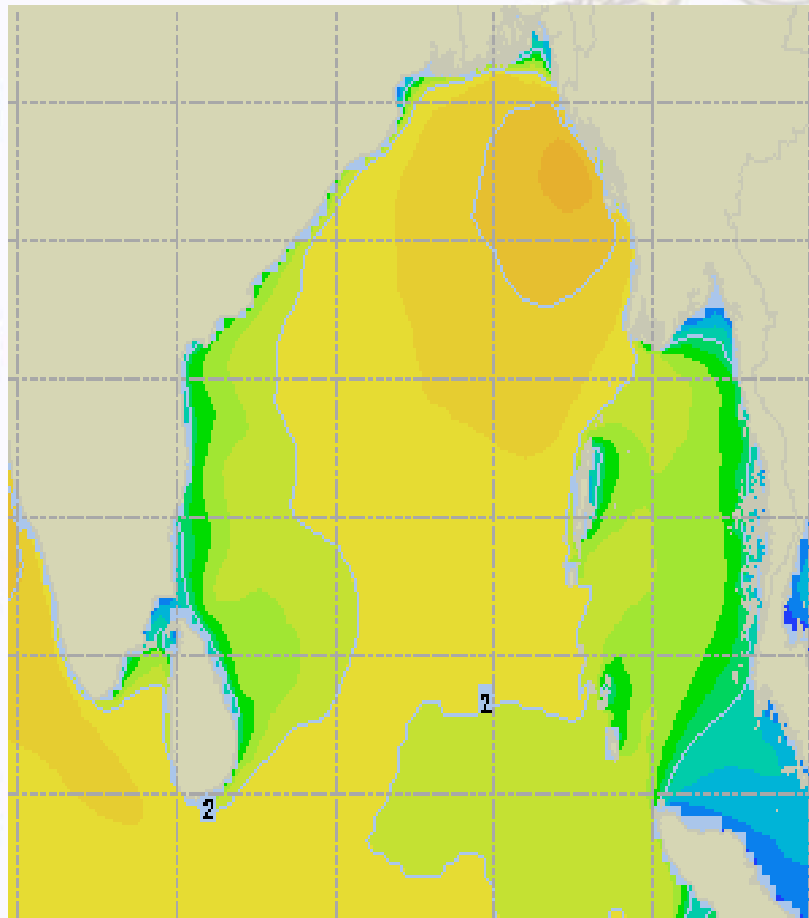




# Sea State Forecast – 19 & 20 Jun - 2021

**19 Jun 21 Saturday**

**20 Jun 21 Sunday**

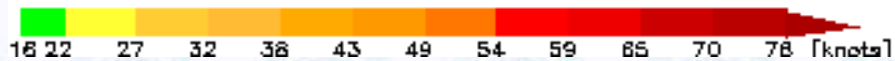
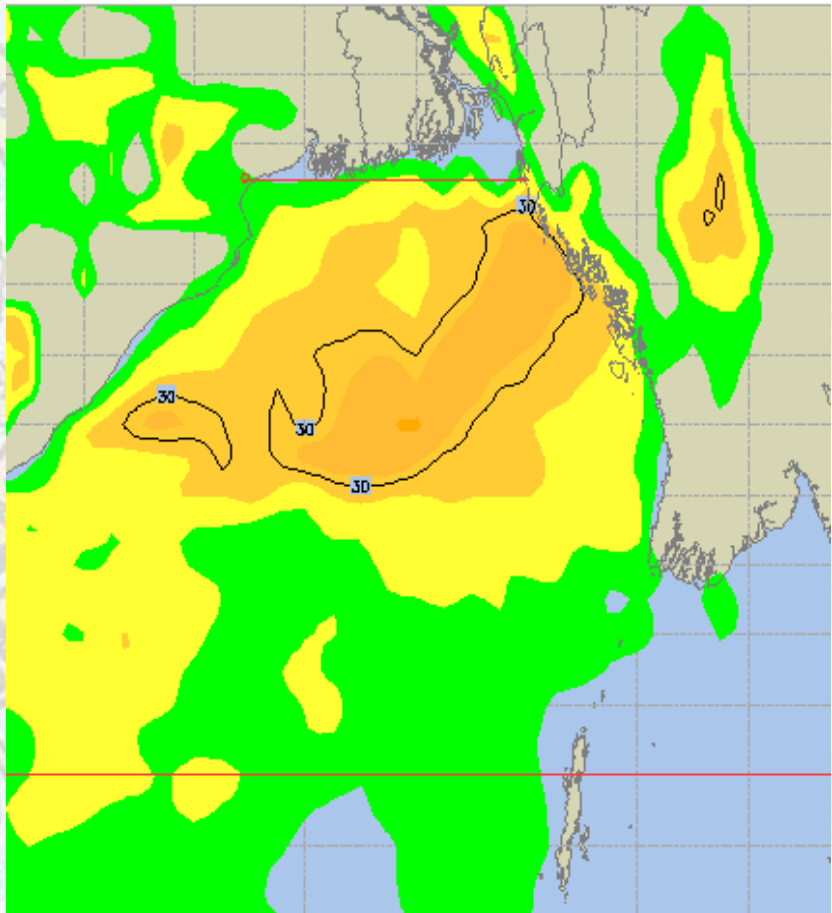
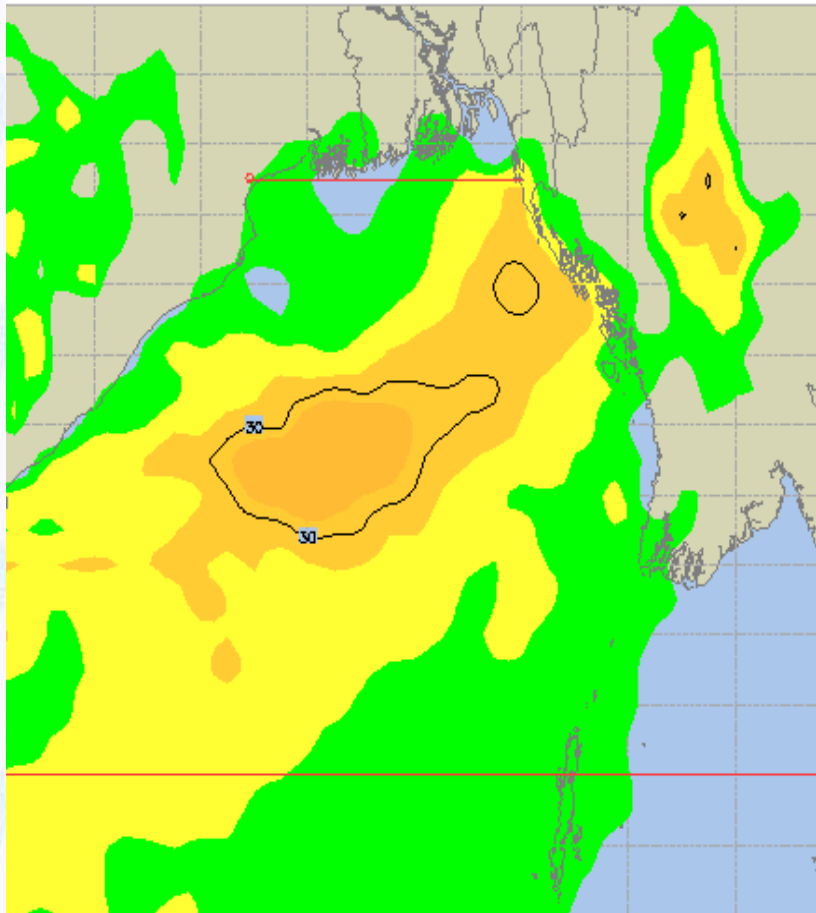




# Peak Gusting Possibilities– 18 & 19 Jun 2021

## 18 Jun 21 Friday

## 19 Jun 21 Saturday

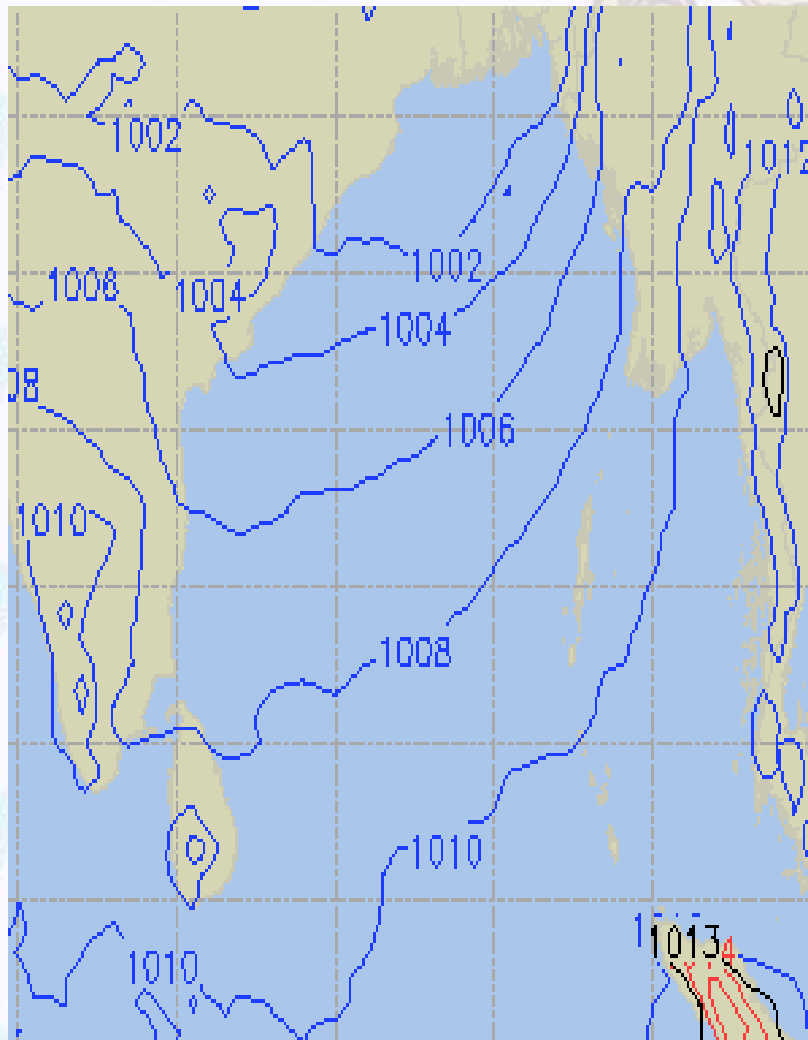




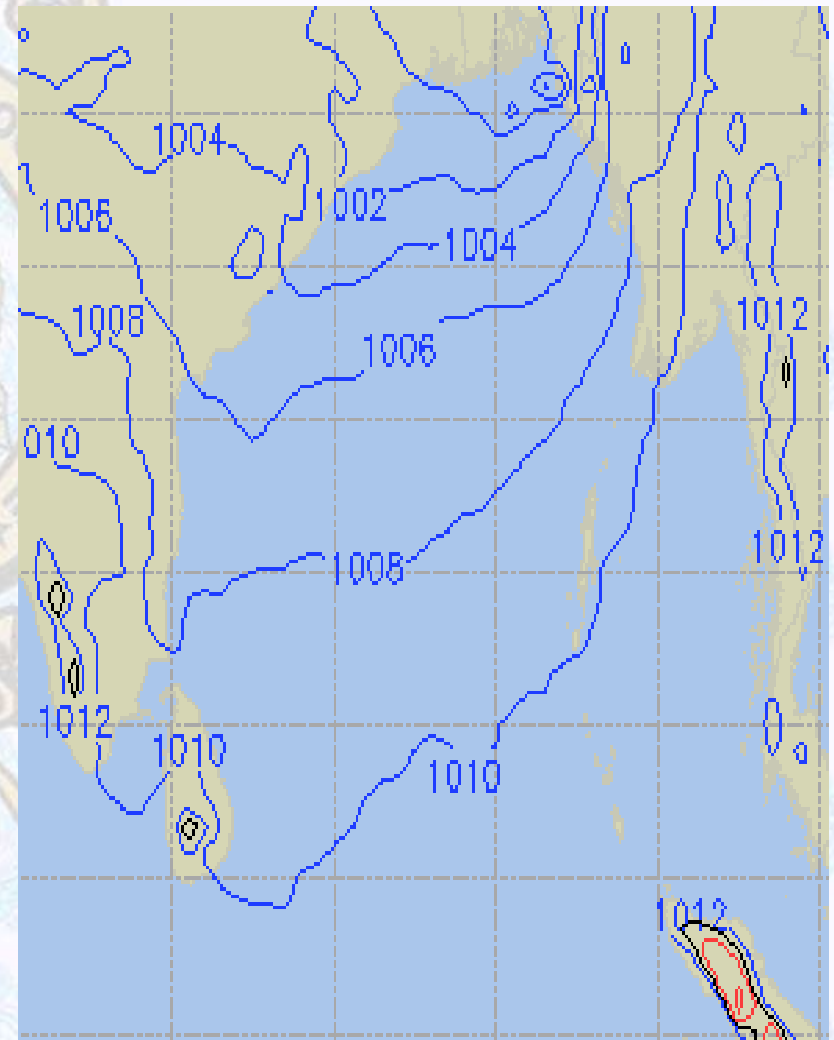


# Surface Pressure forecast – 18 & 19 Jun 2021

**18 Jun 21 Friday**



**19 Jun 21 Saturday**

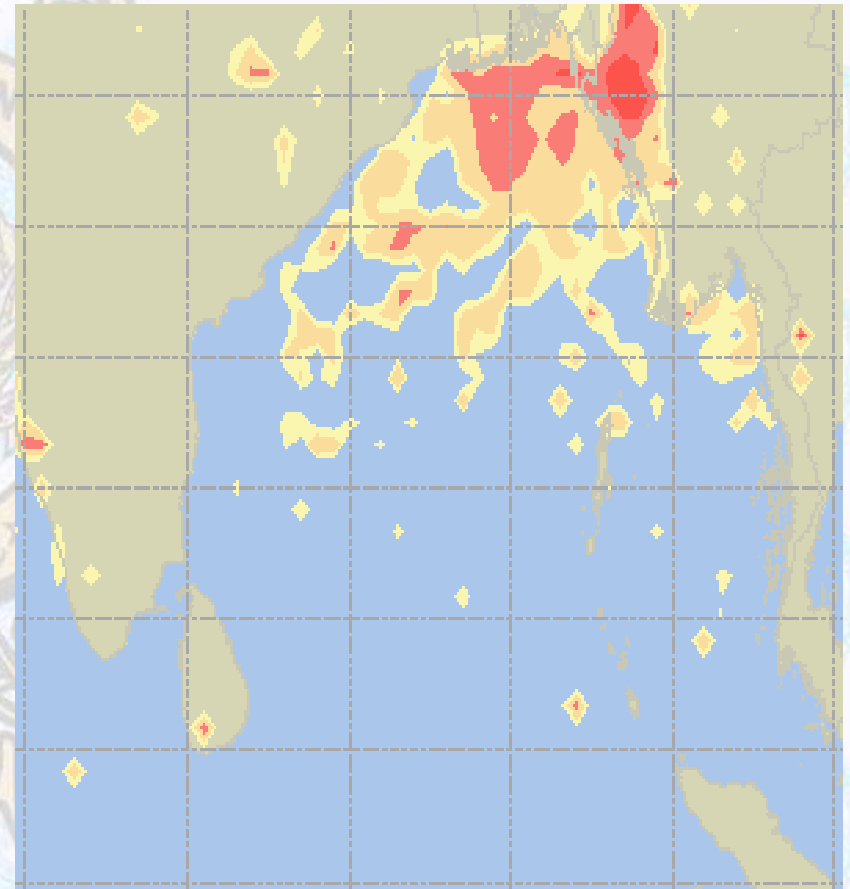
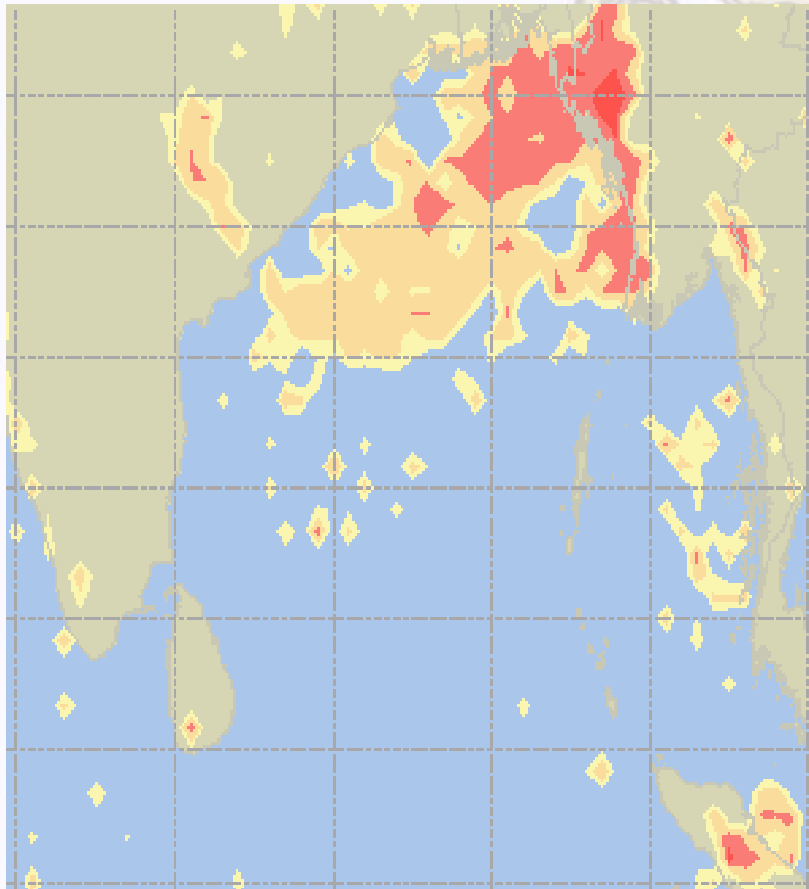




# Visibility at Sea Forecast – 18 & 19 Jun 2021

**18 Jun 21 Friday**

**19 Jun 21 Saturday**



**Visibility Scale:**



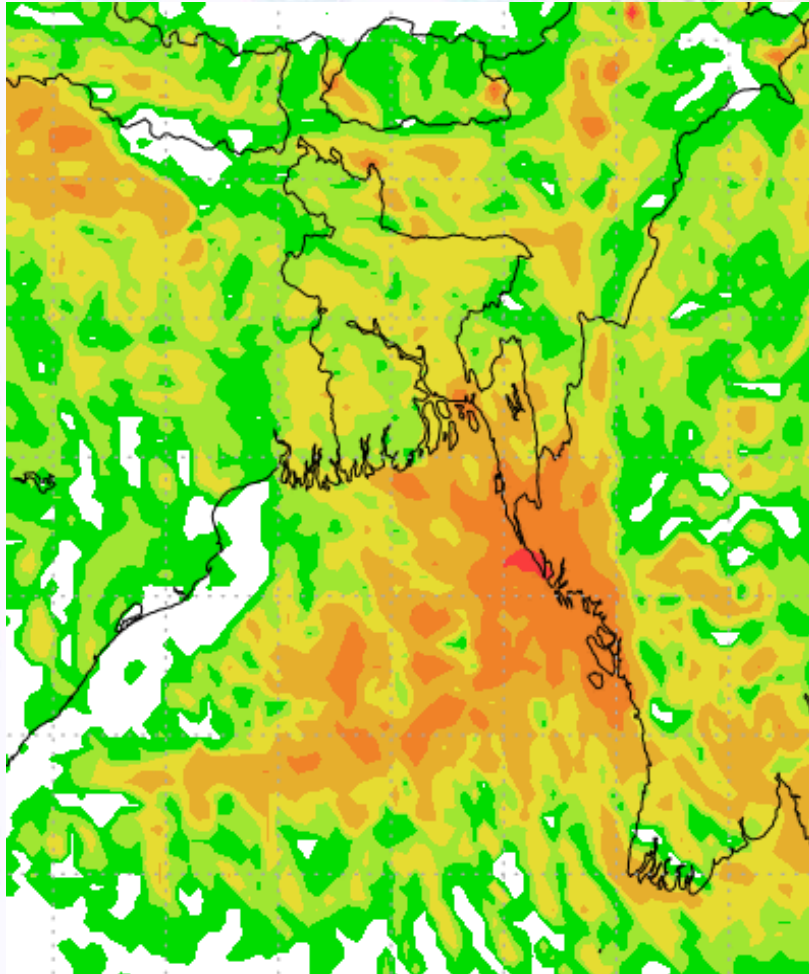
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



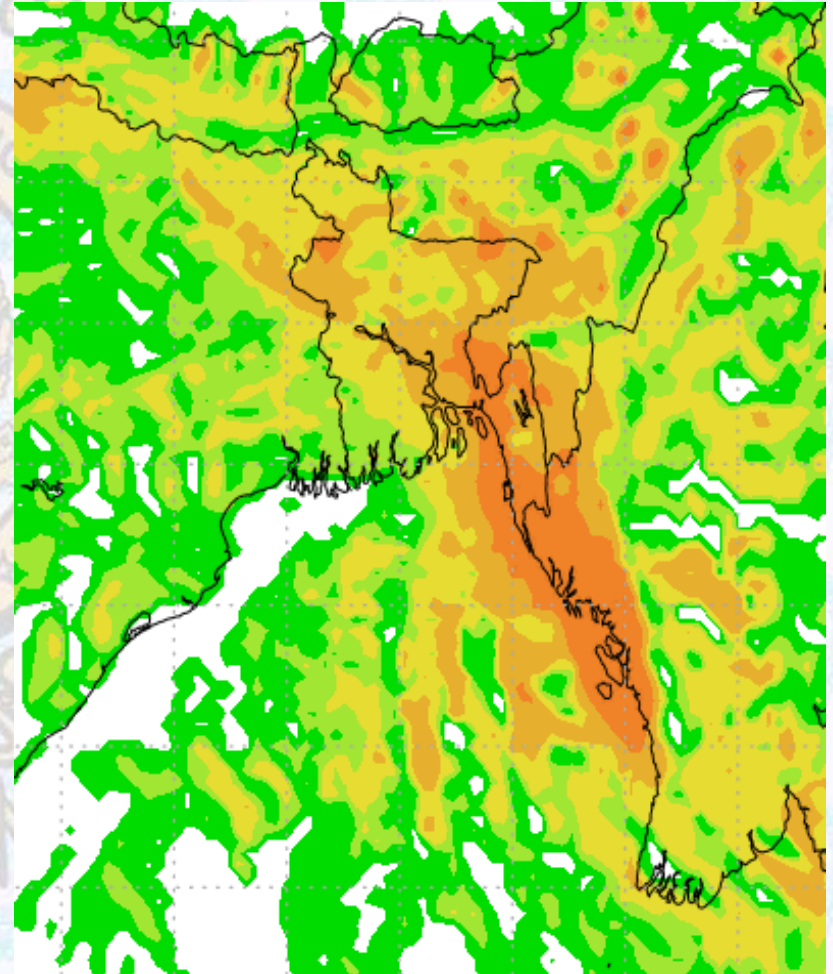


# Precipitation

Rain(mm) 18 & 19 Jun 2021



Rain(mm) 19 & 20 Jun 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>18 Jun 2021</b>	0023	1.20		0354	2.84		0342	2.80
	0627	4.42		1016	1.36		0949	1.42
	1246	1.45		1627	3.02		1554	2.93
	1851	4.56		2300	1.34		2235	1.22
<b>19 Jun 2021</b>	Time	Height		Time	Height		Time	Height
	0130	1.21		0509	2.91		0452	2.85
	0738	4.52		1133	1.36		1103	1.47
	1402	1.46		1738	3.01		1703	2.87
	2002	4.53		-	-		2343	1.19
<b>20 Jun 2021</b>	Time	Height		Time	Height		Time	Height
	0240	1.16		0016	1.29		0606	2.96
	0849	4.71		0623	3.10		1222	1.44
	1520	1.36		1250	1.29		1817	2.85
	2112	4.57		1846	3.09		-	-