



**WEATHER FORECAST FOR BN**

**13 - 16 JUN 2021**



# WEATHER FORECAST – DHAKA

## 13.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 25°C	30°C / 25°C	29°C / 25°C	28°C / 24°C
Wind	21 km/h SE	21 km/h SE	13 km/h ESE	15 km/h ESE
Humidity	77%	77%	80%	79%
Chance of Precip	21%	34%	47%	40%
Cloud Cover	86%	89%	91%	92%
Conditions	Cloudy/ Rain	Cloudy/ Rain	Cloudy	Rain
Sunrise / Sunset	0510 / 1846			

### Conditions

Pressure : 1000 hpa

Visibility : 3.54 km

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





# WEATHER FORECAST – CHATTOGRAM

## 13.06.2021

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	99%	73%	82%	91%
Conditions	Cloudy	Cloudy/ Rain	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

## 13.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C / 27°C	30°C / 27°C	28°C / 26°C	27°C / 26°C
Wind	13 km/h ESE	15 km/h SE	10 km/h ESE	8 m/h ESE
Humidity	84%	84%	90%	91%
Chance of Precip.	22%	40%	24%	36%
Cloud Cover	84%	82%	84%	88%
Conditions	Cloudy	Rain	Rain	Rain
Sunrise/ Sunset	0515 / 1847			

### Conditions

Pressure : 999 hpa

Visibility : 11.27 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	14 Jun 2021	15 Jun 2021	16 Jun 2021
<b>Temperature (C)</b>	31°C / 26°C	31°C / 26°C	29°C / 26°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h10m12s/18h46m48s	5h10m30s/18h47m06s	5h10m40s/18h47m18s
<b>Day Length</b>	13h36m36s	13h36m36s	13h36m36s
<b>Moon Rise/ Set</b>	8:14AM/ 10:06PM	9:12AM/ 10:48PM	10:09AM/ 11:28PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 18%	Waxing Crescent, 27%	Waxing Crescent, 37%
<b>Nautical Twilight</b>	04:20, 19:34	04:19, 19:34	04:19, 19:34
<b>Civil Twilight</b>	04:47, 19:13	04:46, 19:13	04:46, 19:13
<b>Humidity</b>	D : 81% N : 84%	D : 82% N : 86%	D : 87% N : 89%
<b>Barometer (mb)</b>	997	996	995
<b>Visibility</b>	Poor	Poor	Poor
<b>Precip Chance</b>	85%	85%	99%
<b>Wind (km/hr)</b>	22 Km/h, SE	23 Km/h, SE	25 Km/h, SE

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	14 Jun 2021	15 Jun 2021	16 Jun 2021
<b>Temperature (C)</b>	31°C/ 26°C	29°C/ 26°C	28°C/ 26°C
<b>Summary</b>	Thunder Rain	Thunder Rain	Thunder Rain
<b>Sun Rise/Set</b>	5h07m42s/ 18h37m42s	5h08m00s/ 18h38m00s	5h08m12s/ 18h38m12s
<b>Day Length</b>	13h30m00s	13h30m00s	13h30m00s
<b>Moon Rise/ Set</b>	8:12AM/ 9:58PM	9:09AM/ 10:40PM	10:05AM/ 11:20PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 18%	Waxing Crescent, 27%	Waxing Crescent, 37%
<b>Nautical Twilight</b>	04:22, 19:33	04:21, 19:33	04:21, 19:33
<b>Civil Twilight</b>	04:42, 18:59	04:41, 18:59	04:41, 18:59
<b>Humidity</b>	D : 85%    N : 93%	D : 90%    N : 94%	D : 93%    N : 94%
<b>Barometer (mb)</b>	998	997	999
<b>Visibility</b>	Poor	Poor	Poor
<b>Precip Chance</b>	70%	85%	99%
<b>Wind (km/hr)</b>	25 Km/h, SSE	26 Km/h, SSE	23 Km/h, SSE

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





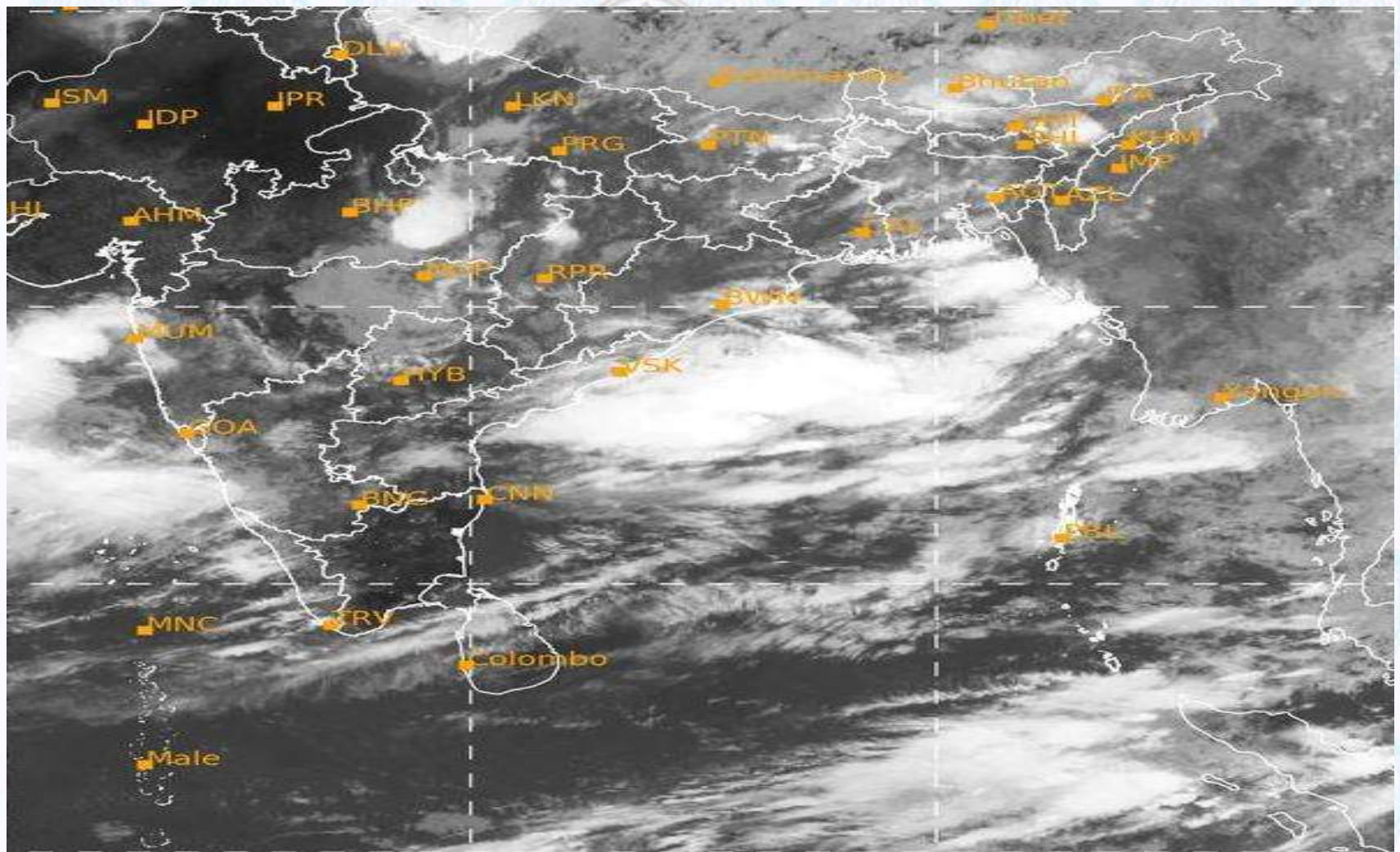
# GENERAL WEATHER FORECAST – KHULNA

Description	14 Jun 2021	15 Jun 2021	16 Jun 2021
<b>Temperature(C)</b>	31°C / 27°C	30°C / 26°C	29°C / 26°C
<b>Summary</b>	Thunder Rain	Thunder Rain	Thunder Rain
<b>Sun Rise/Set</b>	5h15m48s/ 18h48m00s	5h16m06s/ 18h48m18s	5h16m18s/ 18h48m30s
<b>Day Length</b>	13h 32m 12s	13h 32m 12s	13h 32m 12s
<b>Moon Rise/Set</b>	8:20AM/ 10:08PM	9:17AM/ 10:50PM	10:09AM/ 11:28PM
<b>Moon Phase/illu</b>	Waxing Crescent, 18%	Waxing Crescent, 27%	Waxing Crescent, 37%
<b>Nautical Twilight</b>	04:26, 19:38	04:25, 19:38	04:25, 19:38
<b>Civil Twilight</b>	04:50, 19:09	04:49, 19:09	04:49, 19:09
<b>Humidity</b>	D : 87%    N : 91%	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>	71%	82%	97%
<b>Wind (km/hr)</b>	18 Km/h, SE	16 Km/h, SSE	18 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



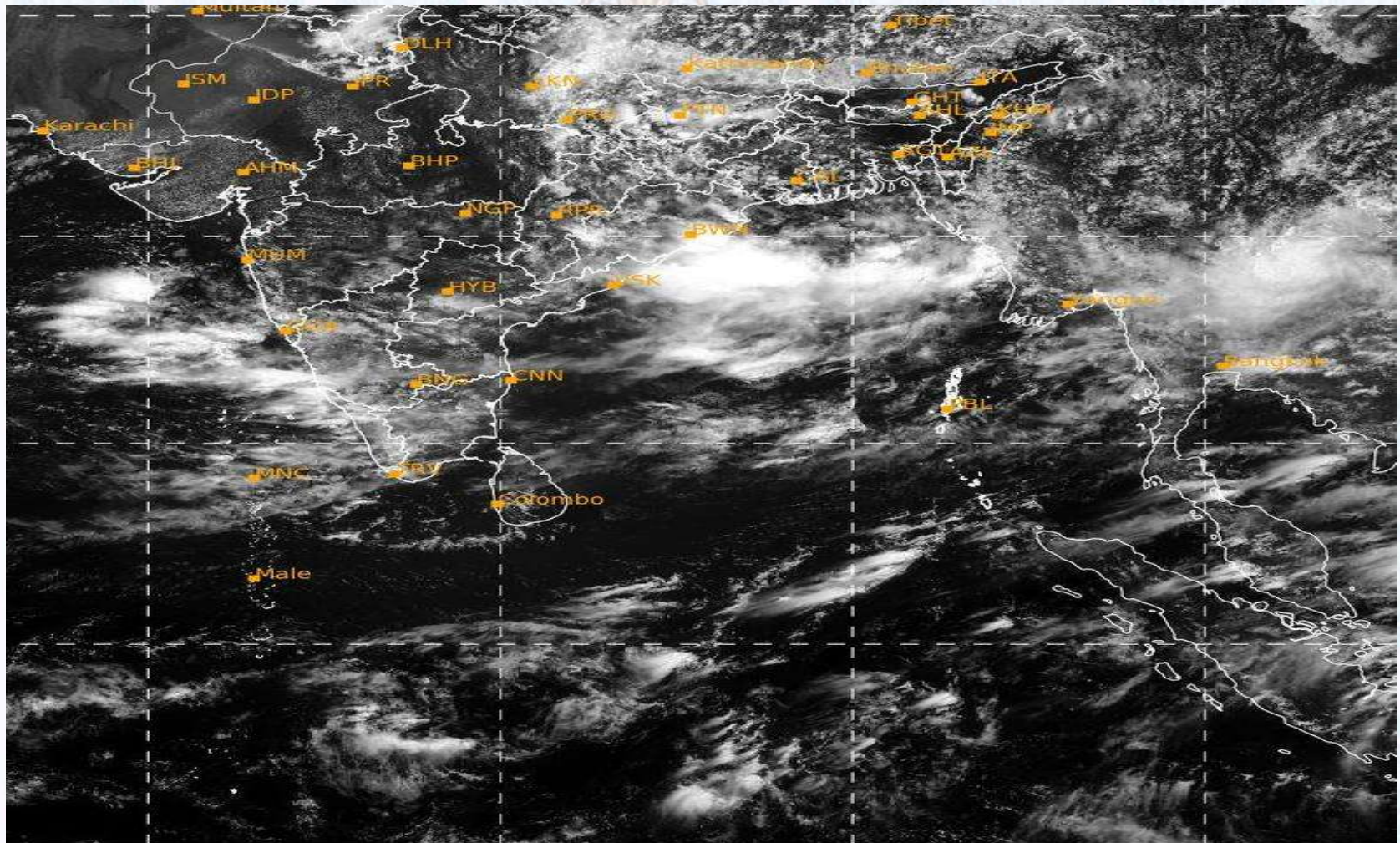
13/06/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



13/06/2021, 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 13.06.2021)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	THE LOW PRESSURE AREA OVER NORTHWEST BAY ADJOINING COASTAL AREA OF BANGLADESH PERSISTS. UNDER ITS INFLUENCE STEEP PRESSURE GRADIENT PERSIST OVER NORTH BAY. MONSOON IS STRONG OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90 .
	Wind	SW/S'LY, 12-18 KTS. TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO 1800 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 13,0000 UTC. CHATTOGRAM =1000 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 13.06.2020)

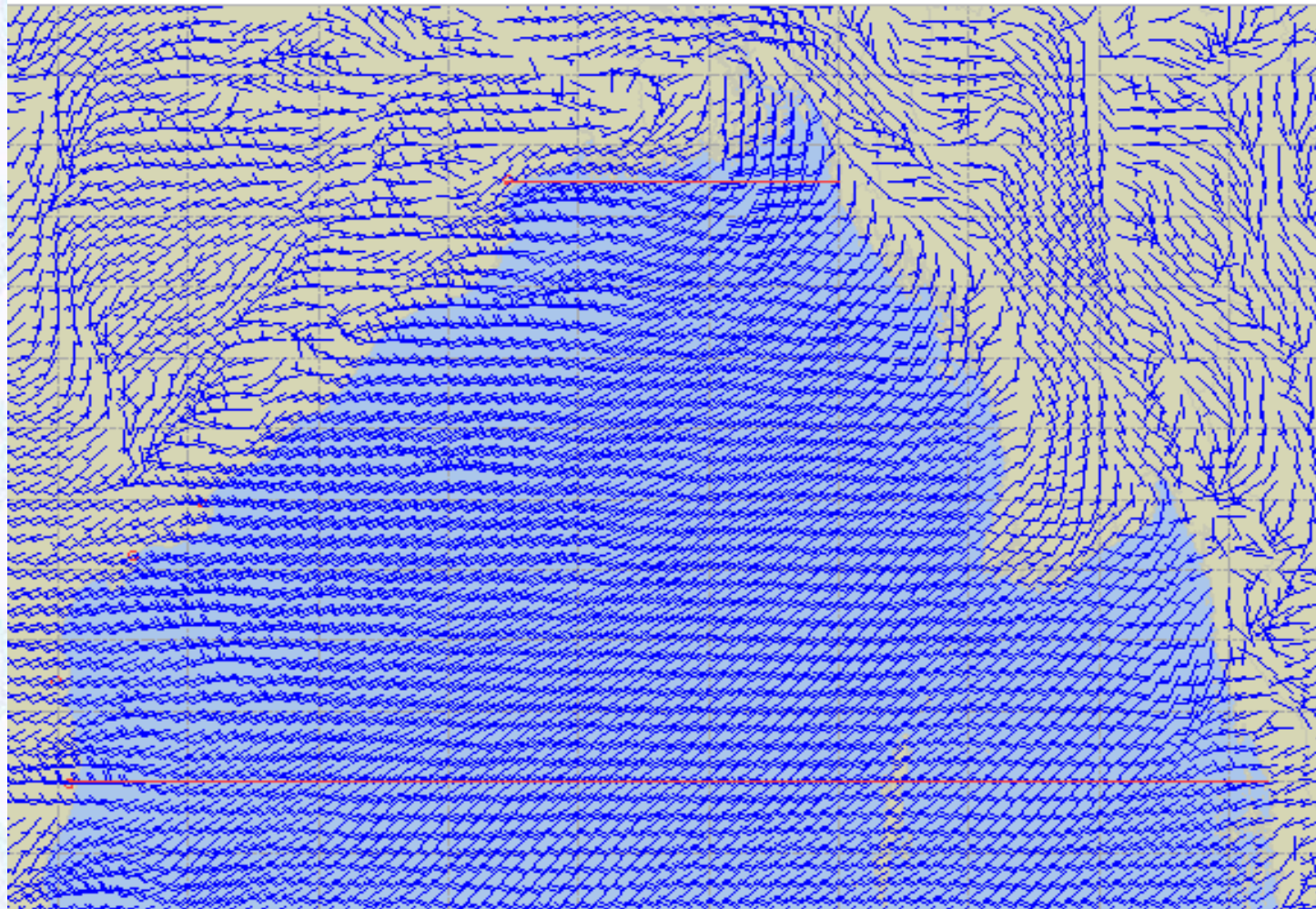
RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY S/SE'LY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, DINAJPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR &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

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





# Surface Wind Forecast- 14 Jun - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

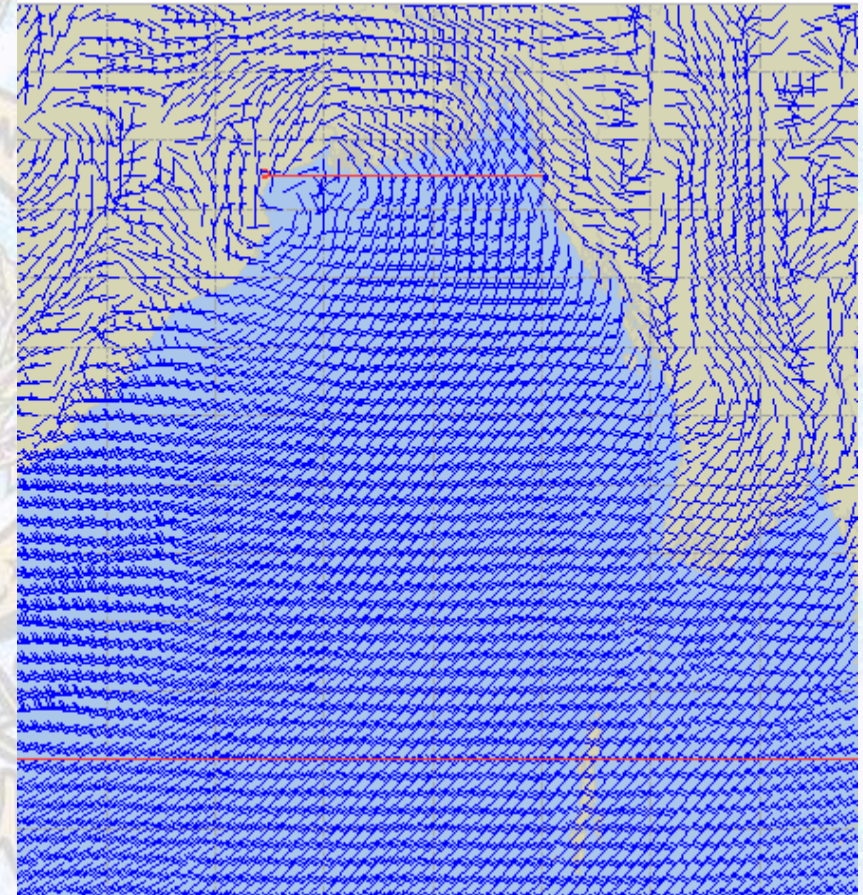
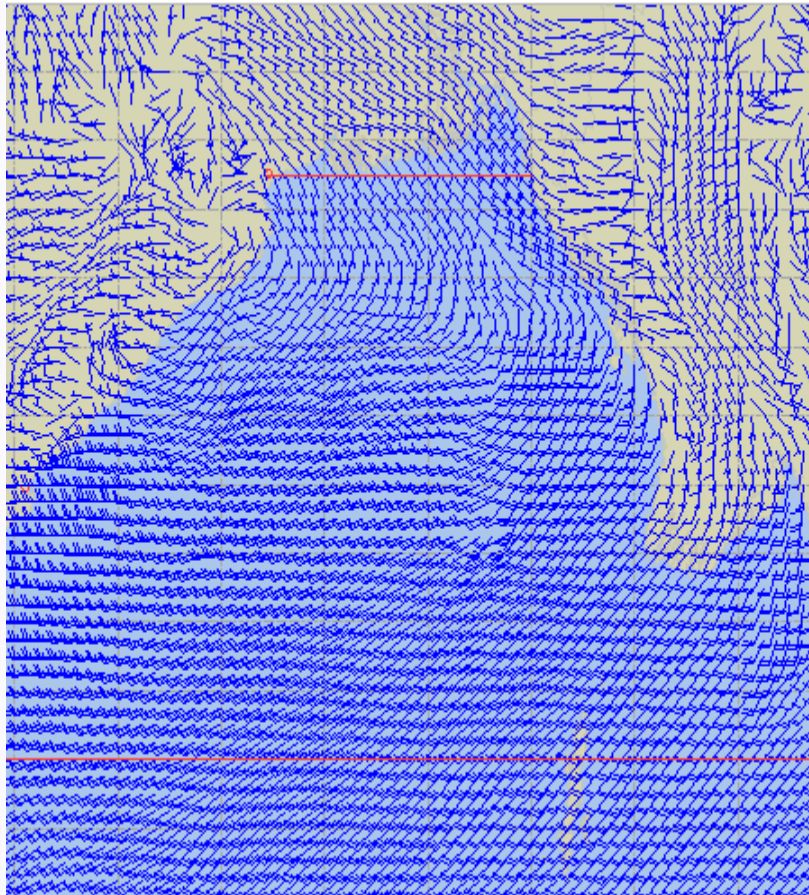




# Surface Wind Forecast – 15 & 16 Jun - 2021

15 Jun 21 Tuesday

16 Jun 21 Wednesday



**Legend:**



**Calm  
Winds**



**5 Knots**



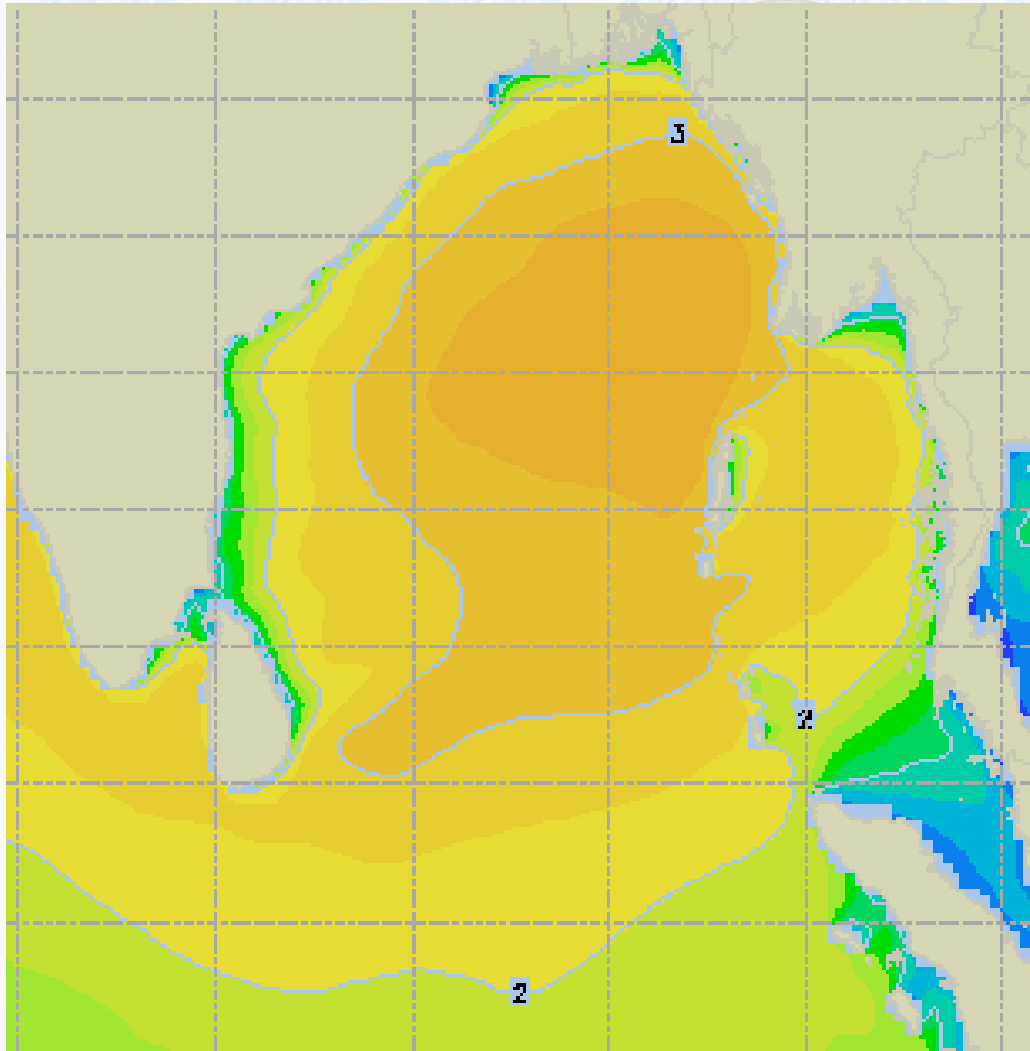
**10 Knots**



**60 Knots**



# Sea State Forecast – 14 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



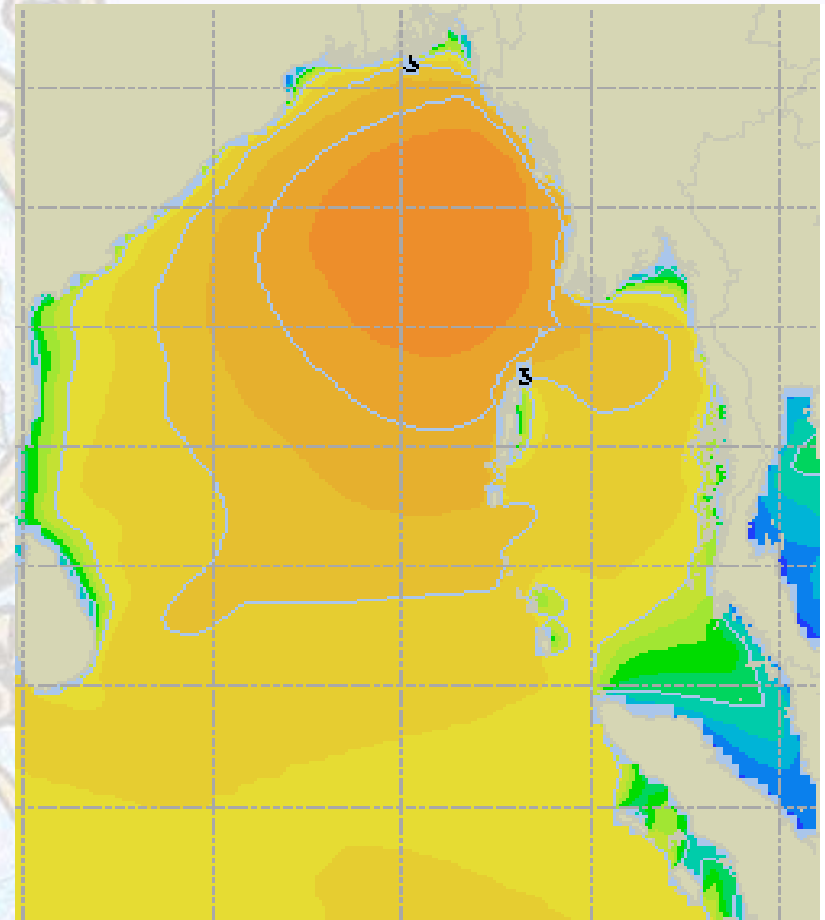
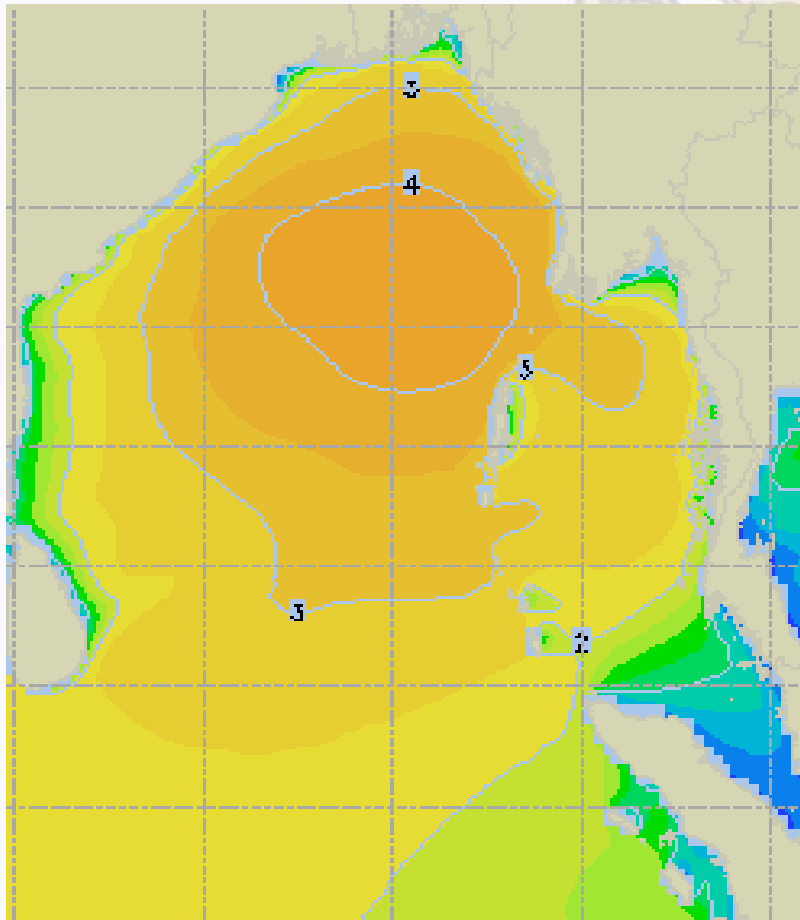




# Sea State Forecast – 15 & 16 Jun - 2021

**15 Jun 21 Tuesday**

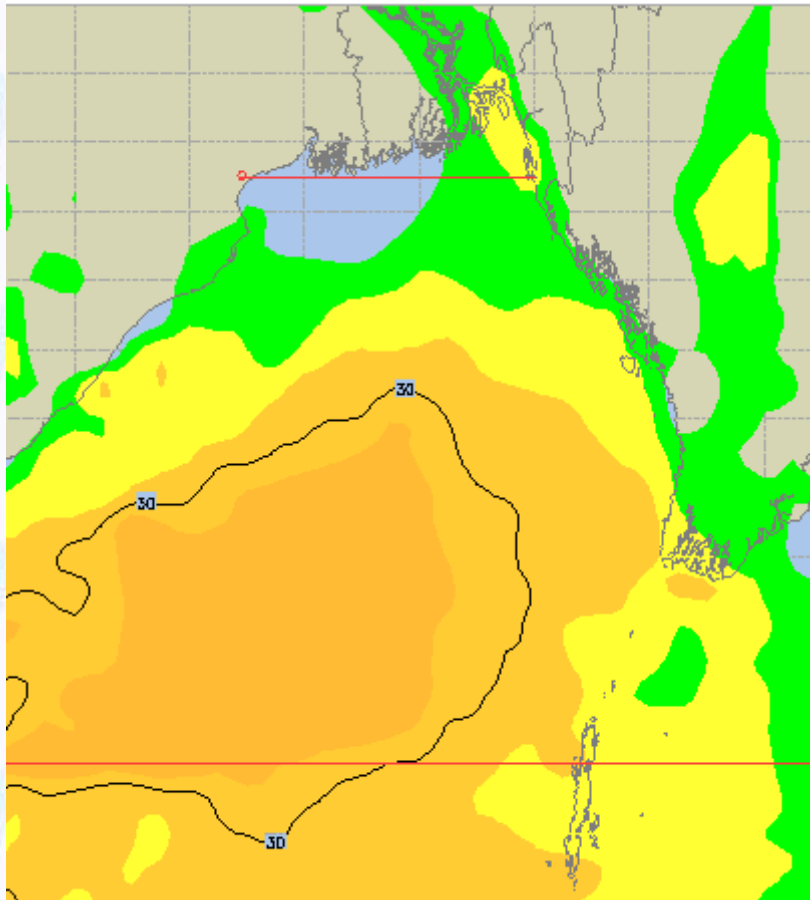
**16 Jun 21 Wednesday**



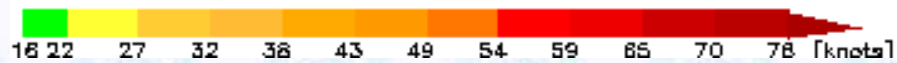
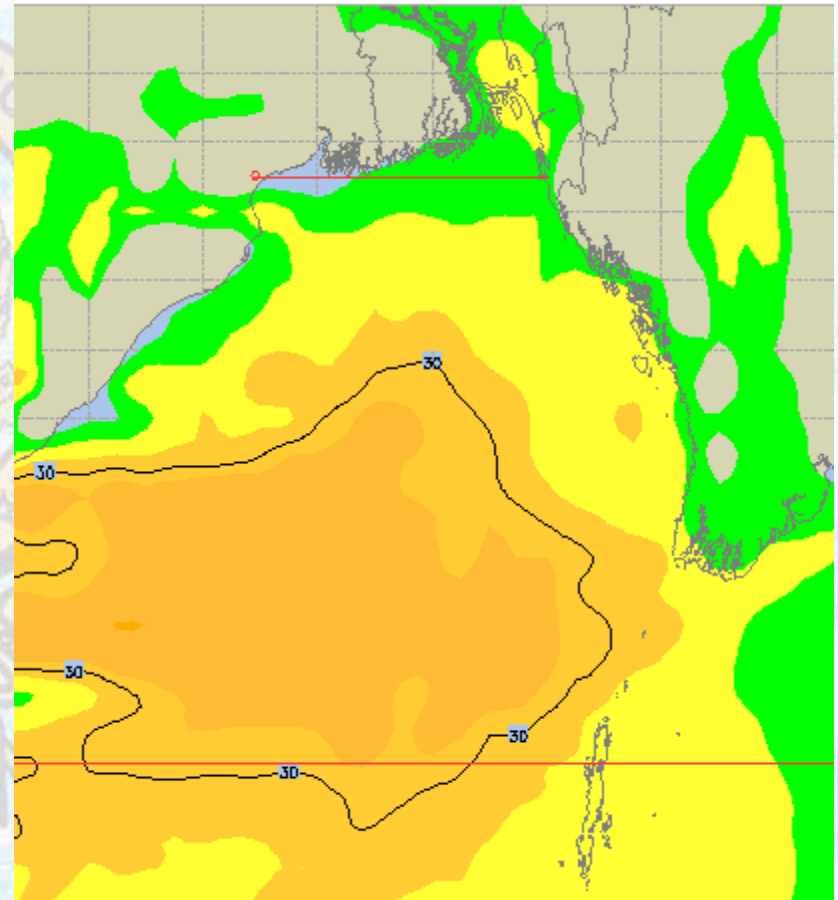


# Peak Gusting Possibilities– 14 & 15 Jun 2021

14 Jun 21 Monday



15 Jun 21 Tuesday

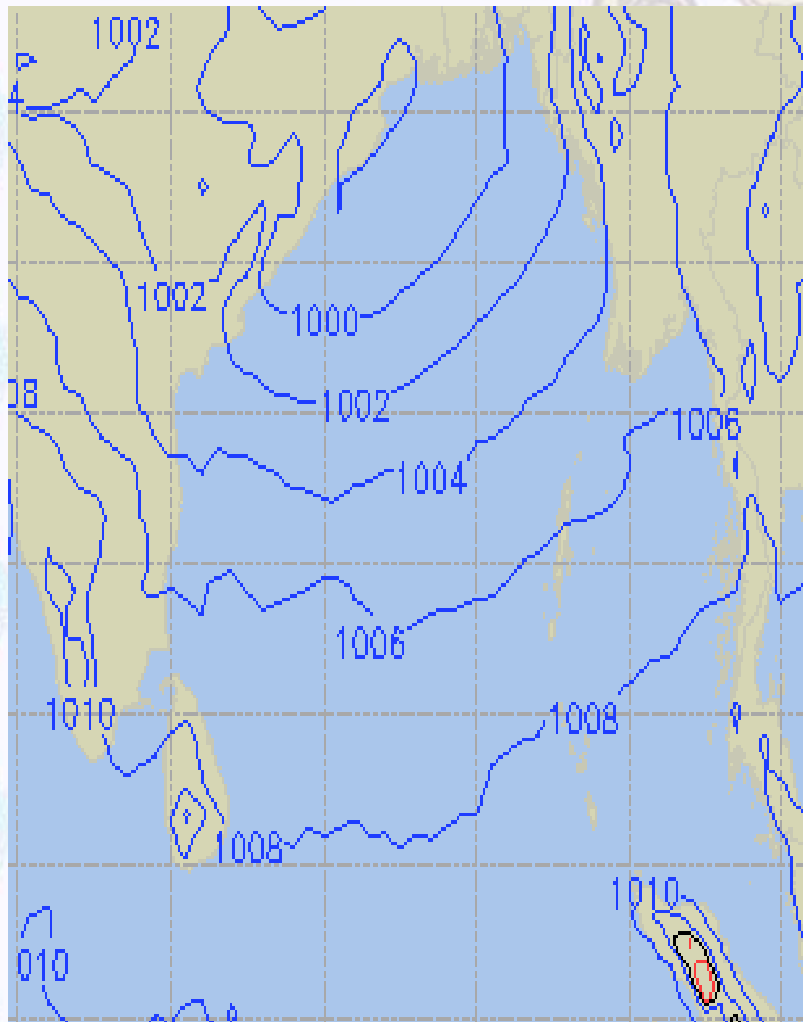




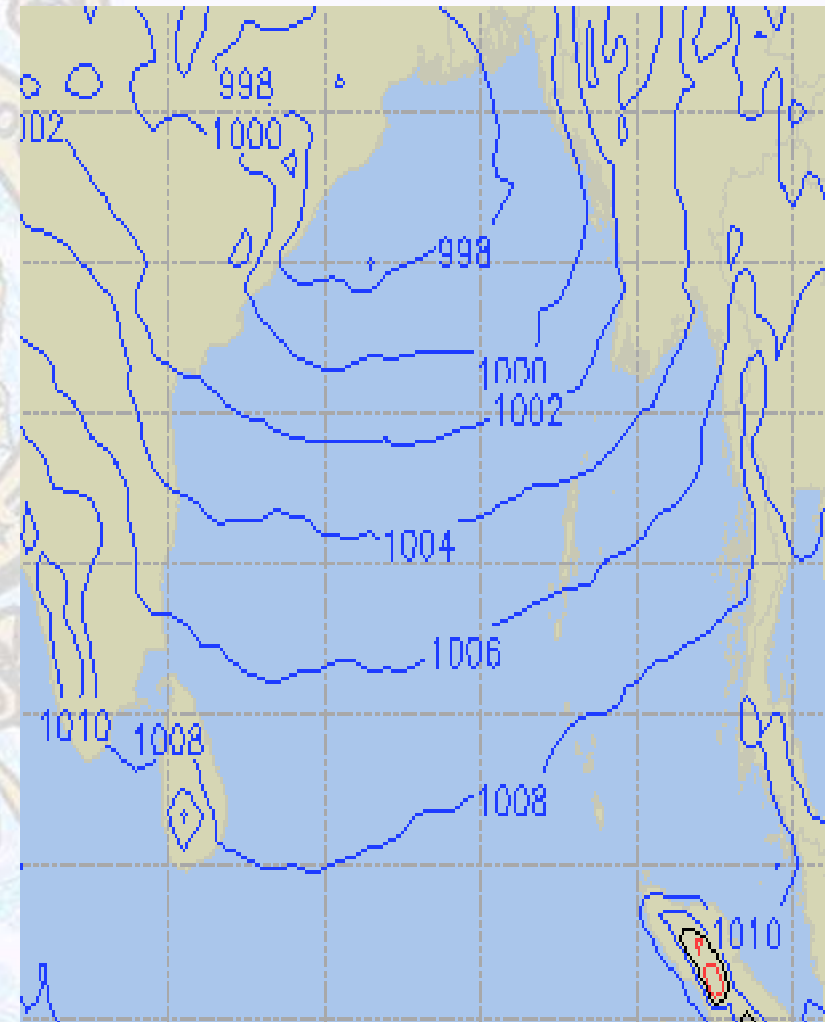


# Surface Pressure forecast – 14 & 15 Jun 2021

**14 Jun 21 Monday**



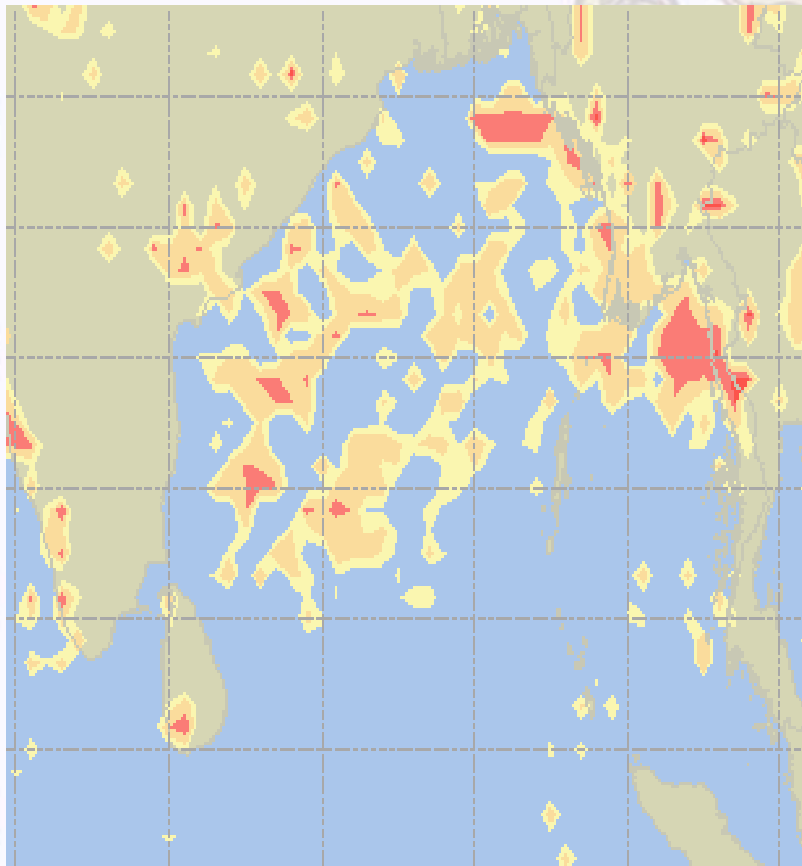
**15 Jun 21 Tuesday**



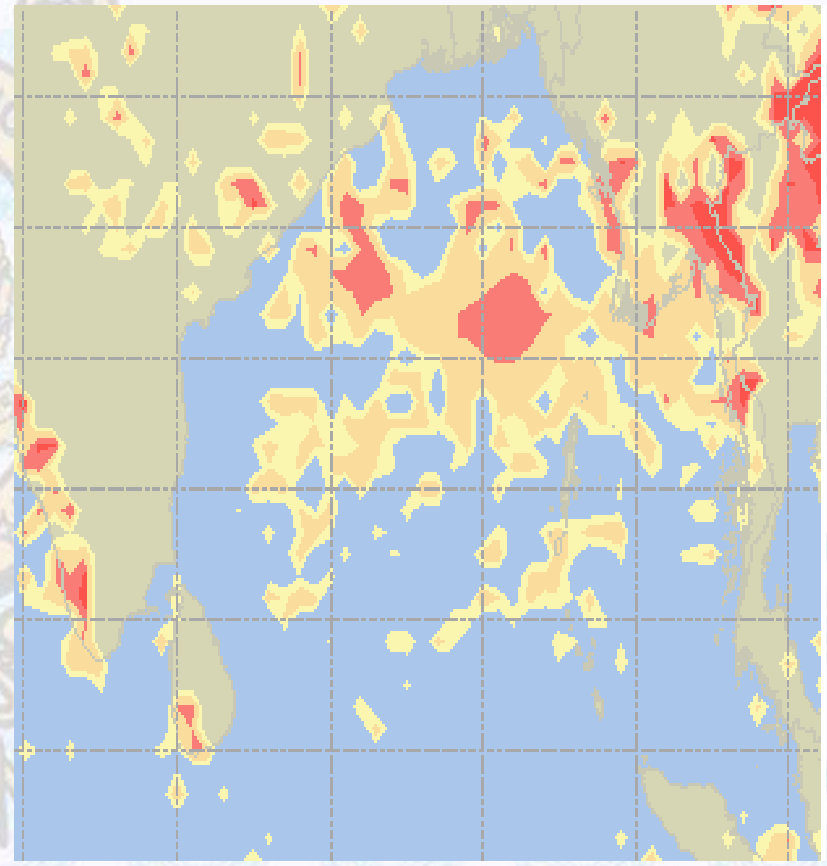


# Visibility at Sea Forecast – 14 & 15 Jun 2021

14 Jun 21 Monday



15 Jun 21 Tuesday



**Visibility Scale:**



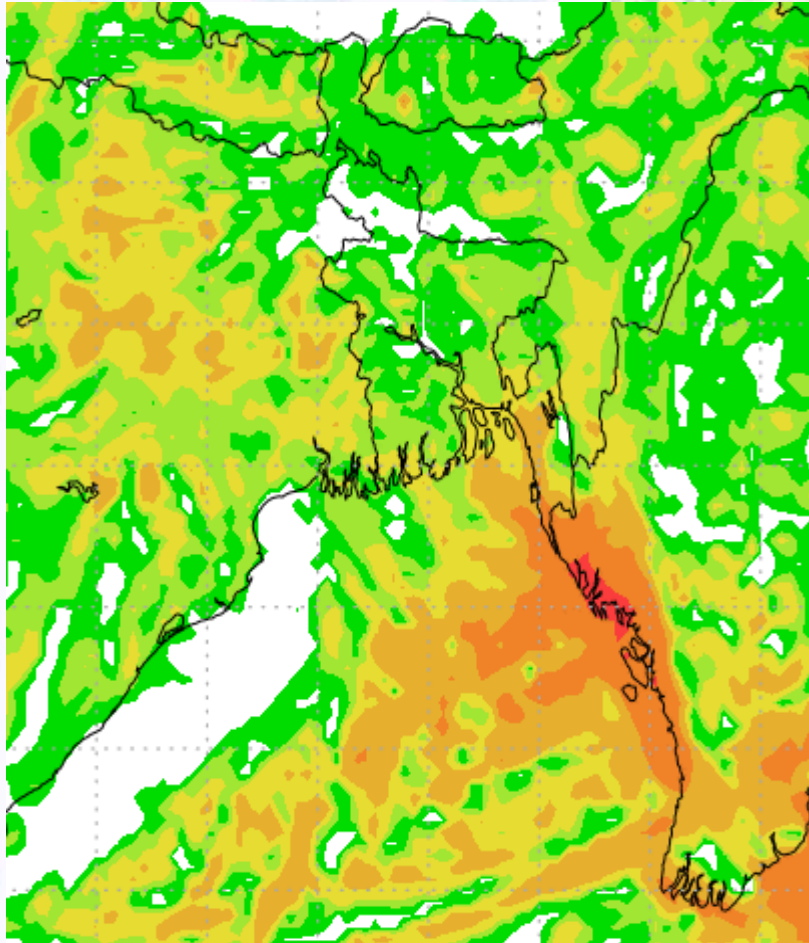
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



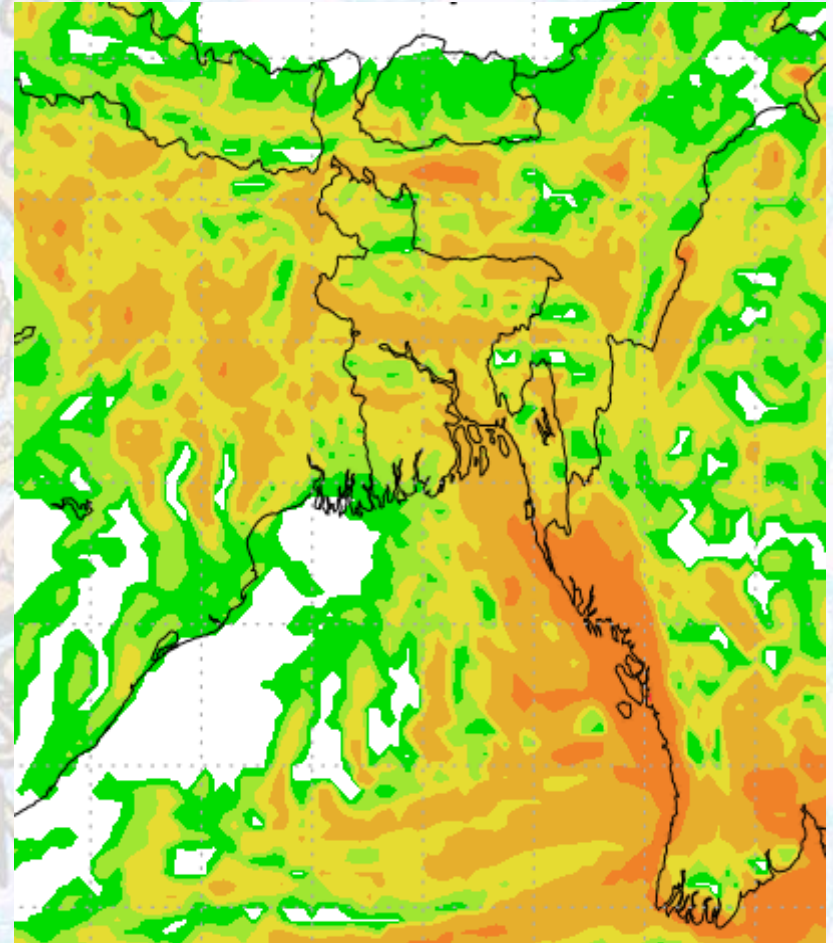


# Precipitation

Rain(mm) 14 & 15 Jun 2021



Rain(mm) 15 & 16 Jun 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>14 Jun 2021</b>	0254	4.61		0034	3.09		0024	2.87
	0910	0.96		0656	0.97		0634	1.00
	1506	4.98		1303	3.43		1240	3.19
	2148	1.07		1928	1.06		1915	1.14
<b>15 Jun 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0334	4.55		0113	3.00		0102	2.84
	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
<b>16 Jun 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	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