



# WEATHER FORECAST FOR BN

**28 JULY - 31 JULY 2020**



# WEATHER FORECAST – DHAKA

## 28.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	32 / 26	29 / 26	29 / 25
Wind	12 km/h S	13 km/h S	8 km/h S	10 km/h S
Humidity	73%	73%	81%	83%
Chance of Precip	58%	23%	53%	42%
Cloud Cover	87%	88%	90%	90%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 26 AM 6: 43 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 3.54 km

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





# WEATHER FORECAST – CHATTOGRAM

## 28.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	29 / 26	29 / 27
Wind	12 km/h SSW	12 km/h S	10 km/h S	11 km/h SSE
Humidity	85%	84%	86%	90%
Chance of Precip.	16%	15%	24%	38%
Cloud Cover	85%	83%	81%	87%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 25 AM 6: 35 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 28.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	32 / 28	29 / 27	29 / 27
Wind	12 km/h S	13 km/h S	9 km/h S	7 km/h SSE
Humidity	83%	82%	90%	93%
Chance of Precip.	70%	24%	23%	35%
Cloud Cover	89%	89%	85%	84%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 31 AM 6: 45 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 9.66 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	29 July 2020	30 July 2020	31 July 2020
<b>Temperature (C)</b>	32°C/ 27°C	32°C/ 27°C	33°C/ 27°C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h26m36s/18h42m54s	5h27m00s/18h42m24s	5h27m24s/18h41m54s
<b>Day Length</b>	13h16m18s	13h15m24s	13h14m30s
<b>Moon Rise/ Set</b>	1:56PM 12:26AM	2:59PM 1:12AM	4:00PM 2:01AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 66%	Waxing Gibbous, 77%	Waxing Gibbous, 85%
<b>NauticalTwilight</b>	0433,1936	0433,1935	0434,1934
<b>Civil Twilight</b>	0502,1907	0502,1906	0503,1906
<b>Humidity</b>	D : 75%    N : 84%	D : 74%    N : 84%	D : 74%    N : 84%
<b>Barometer (mb)</b>	1004	1006	1005
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	60%	80%	50%
<b>Wind (mph)</b>	14 Km/h S	10 Km/h S	8 Km/h S

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	29 July 2020	30 July 2020	31 July 2020
<b>Temperature (C)</b>	31°C/ 26°C	31°C/ 26°C	31°C/ 26°C
<b>Summary</b>	Cloudy/ Light rain	Cloudy/ Light rain	Cloudy/ Light rain
<b>Sun Rise/Set</b>	5h23m24s/18h34m36s	5h23m48s/18h34m06s	5h24m06s/18h33m36s
<b>Day Length</b>	13h11m12s	13h10m18s	13h09m30s
<b>Moon Rise/ Set</b>	1:48PM 12:22AM	2:50PM 1:08AM	3:51PM 1:58AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 66%	Waxing Gibbous, 77%	Waxing Gibbous, 85%
<b>NauticalTwilight</b>	0430, 1927	0431, 1926	0431, 1925
<b>Civil Twilight</b>	0459, 1858	0459, 1858	0500, 1857
<b>Humidity</b>	D : 81% N : 92%	D : 82% N : 93%	D : 82% N : 93%
<b>Barometer (mb)</b>	1006	1007	1006
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	60%	40%	40%
<b>Wind (mph)</b>	12 Km/h S	12 Km/h S	10 Km/h SSW

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





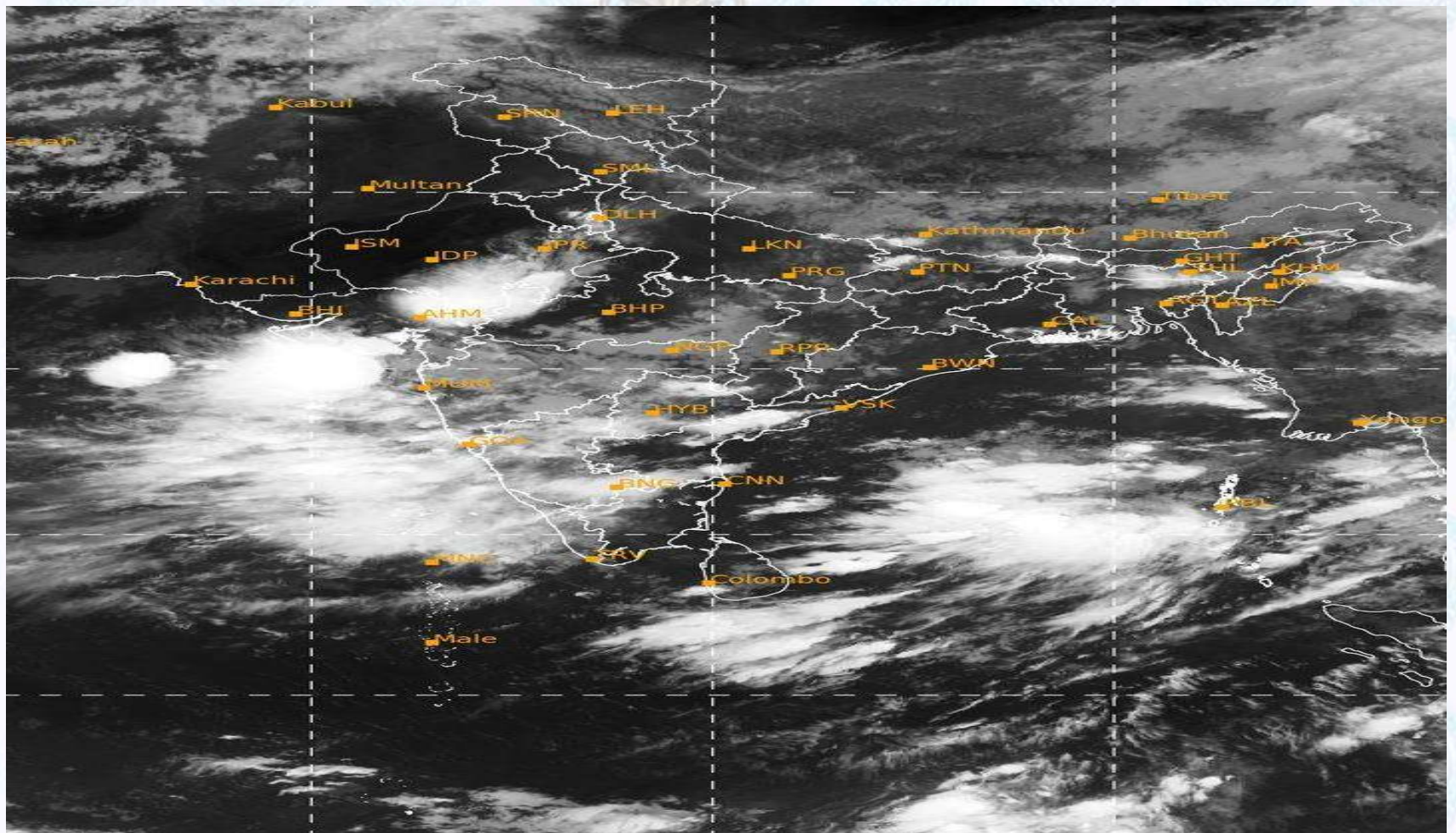
# GENERAL WEATHER FORECAST – KHULNA

Description	29 July 2020	30 July 2020	31 July 2020
<b>Temperature(C)</b>	32°C/ 26°C	33°C/ 27°C	33°C/ 26°C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h31m36s/18h44m36s	5h32m06s/18h44m06s	5h32m24s/18h43m36s
<b>Day Length</b>	13h13m00s	13h12m00s	13h11m12s
<b>Moon Rise/Set</b>	1:59PM 12:32AM	3:01PM 1:18AM	4:02PM 2:08AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 66%	Waxing Gibbous, 77%	Waxing Gibbous, 85%
<b>Nautical Twilight</b>	0438, 1937	0439, 1936	0440, 1936
<b>Civil Twilight</b>	0507, 1908	0508, 1908	0508, 1907
<b>Humidity</b>	D : 79%    N : 87%	D : 78%    N : 88%	D : 77%    N : 86%
<b>Barometer (mb)</b>	1004	1006	1005
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	50%	80%	50%
<b>Wind (mph)</b>	14 km/h S	11 km/h S	9 km/h S

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



# SATELLITE VIEW OF BAY OF BENGAL



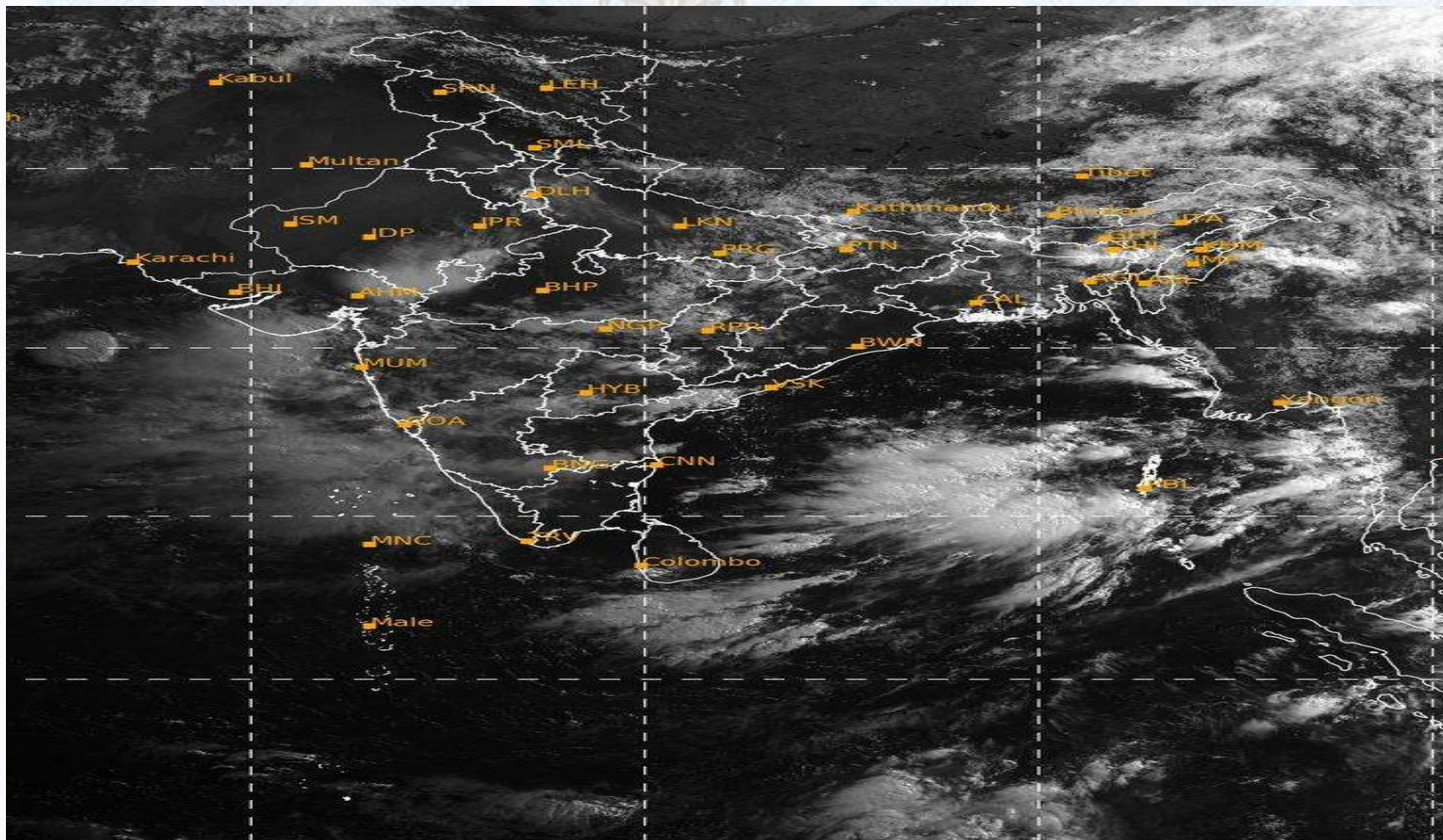
**28/07/2020, 11:00 UTC MATSAT-IR**

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





# SATELLITE VIEW OF BAY OF BENGAL



28/07/2020, 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 28.07.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK TO MODERATE OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY, 10-15 KTS. TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 0000 UTC. CHATTOGRAM =1006 HPA





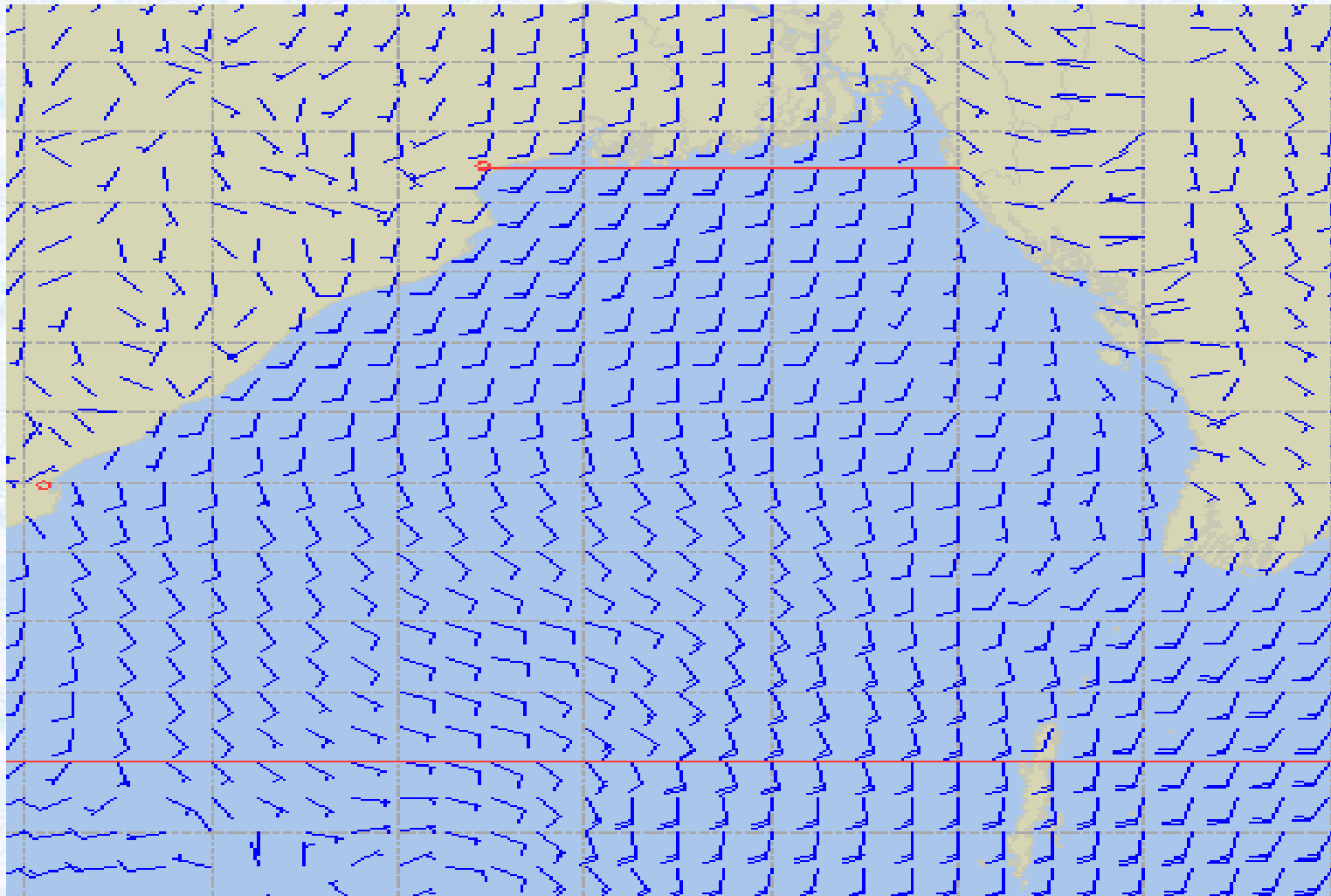
# **Inland River Port Warning** **(VALID TILL 07 PM OF 28.07.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY WEST/SOUTH-WESTERLY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, MYMENSINGH, SYLHET, DHAKA, FARIDPUR, JASHORE, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COXS BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 29 July- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

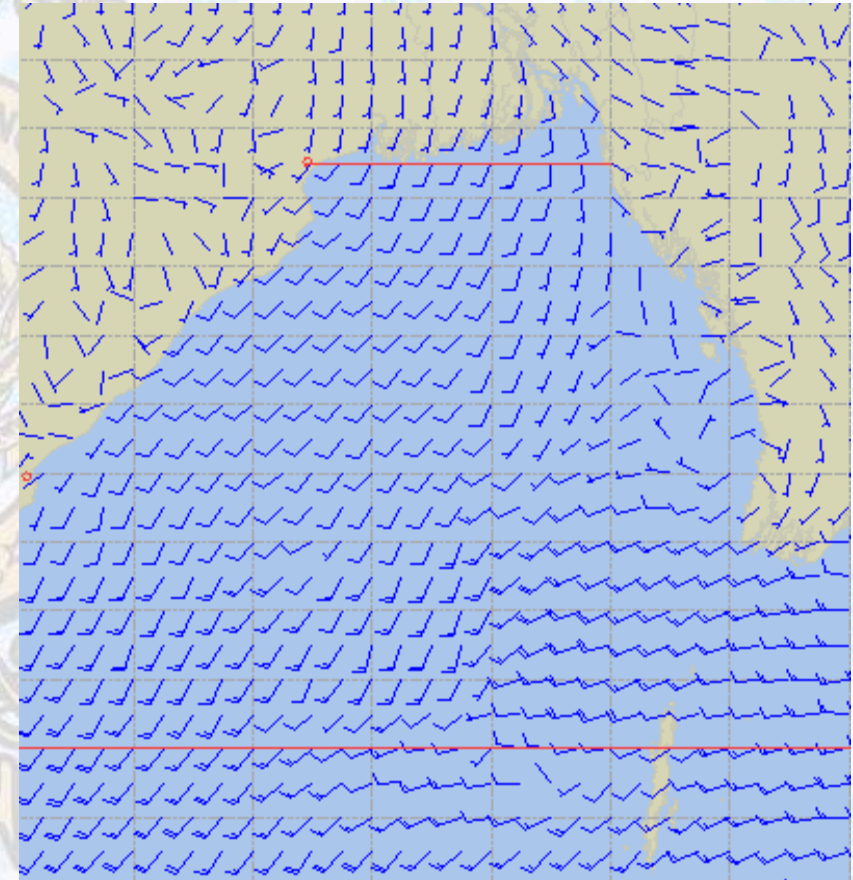
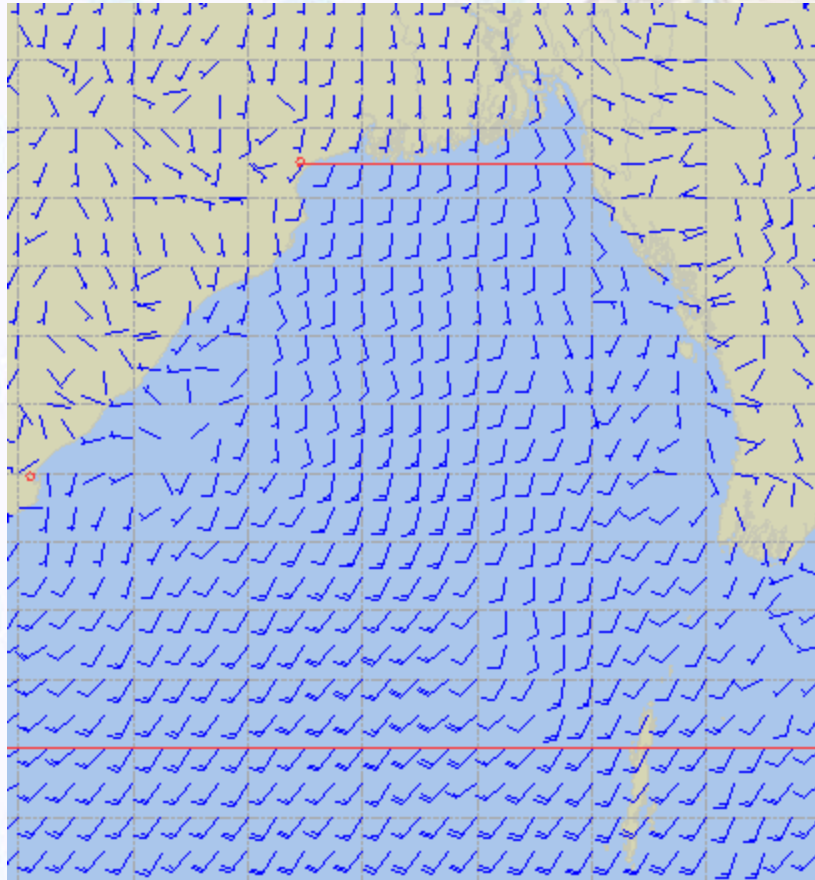




# Surface Wind Forecast – 30 & 31 July - 2020

30 July 2020 Thursday

31 July 2020 Friday



**Legend:**



**Calm  
Winds**



**5 Knots**



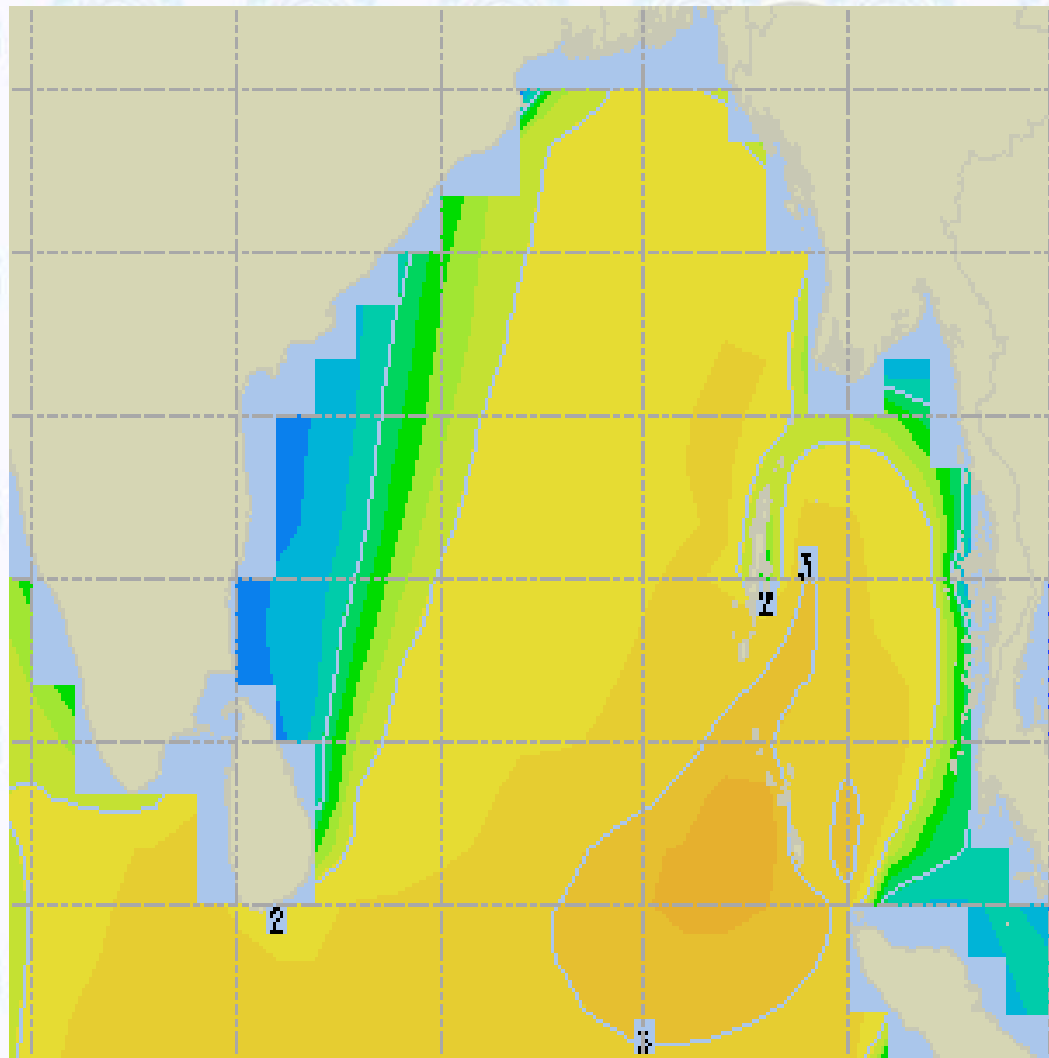
**10 Knots**



**60 Knots**



# Sea State Forecast – 29 July- 2020



Sea State	Ht (m)
0	0-0.1
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



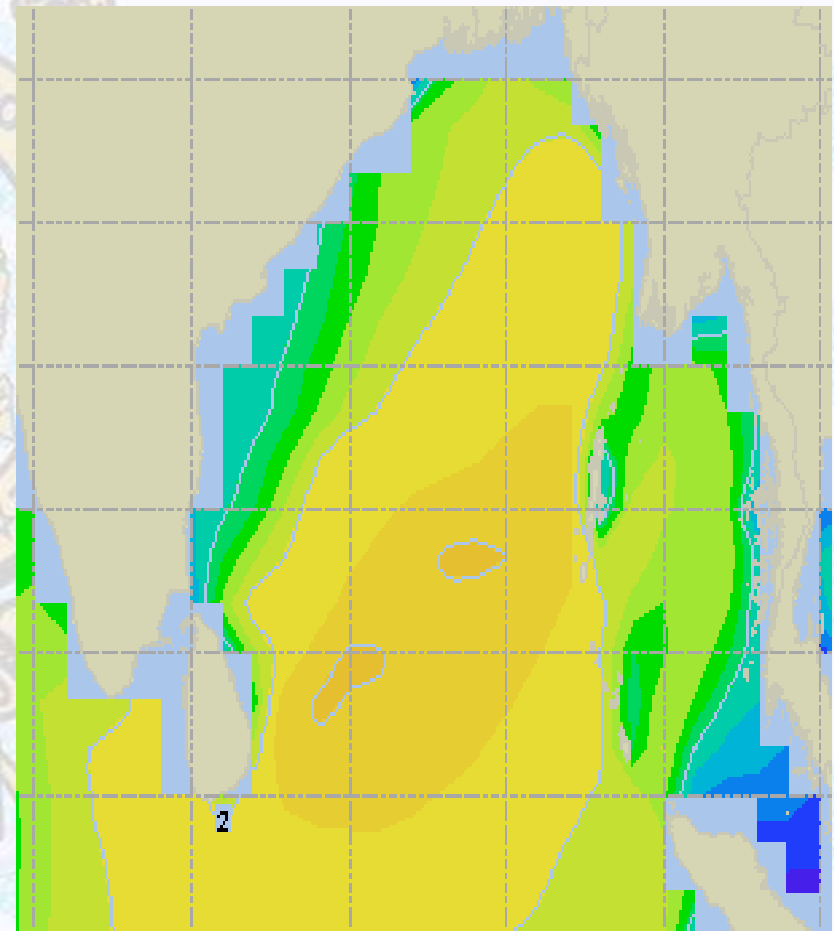
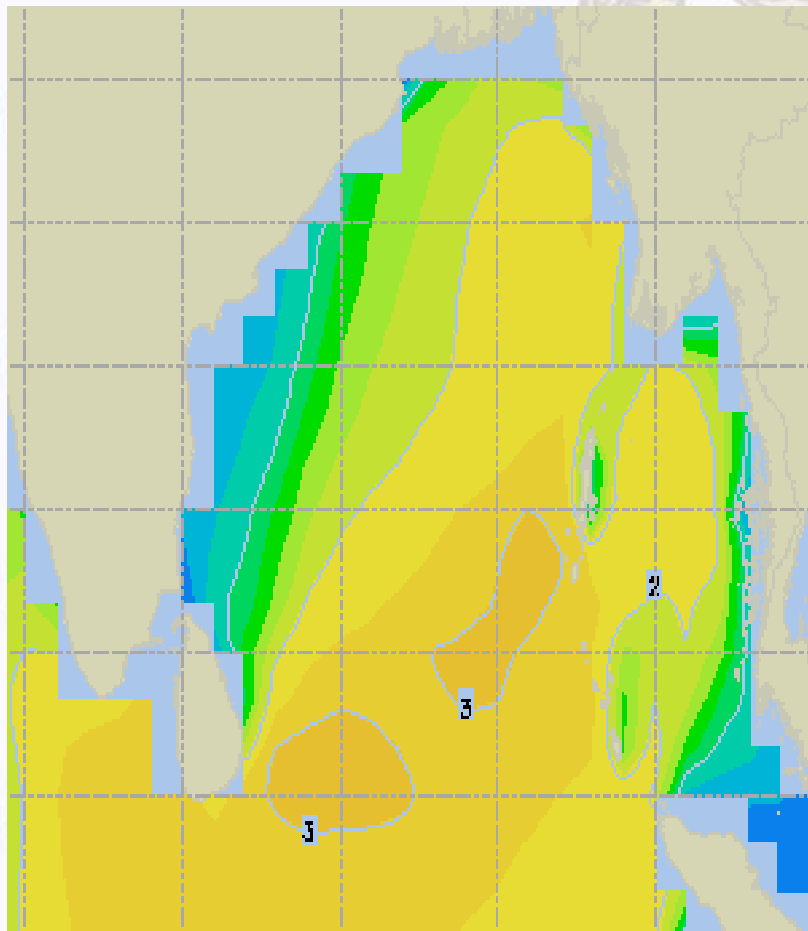




# Sea State Forecast – 30 & 31 July - 2020

30 July 2020 Thursday

31 July 2020 Friday

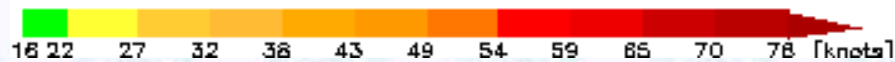
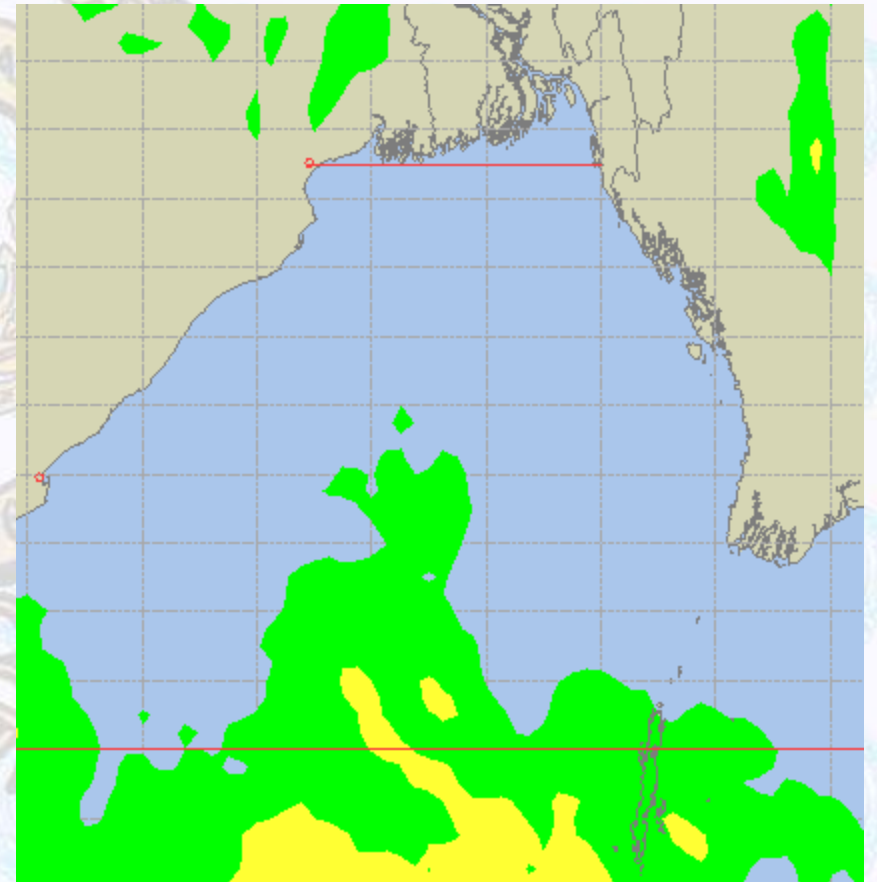
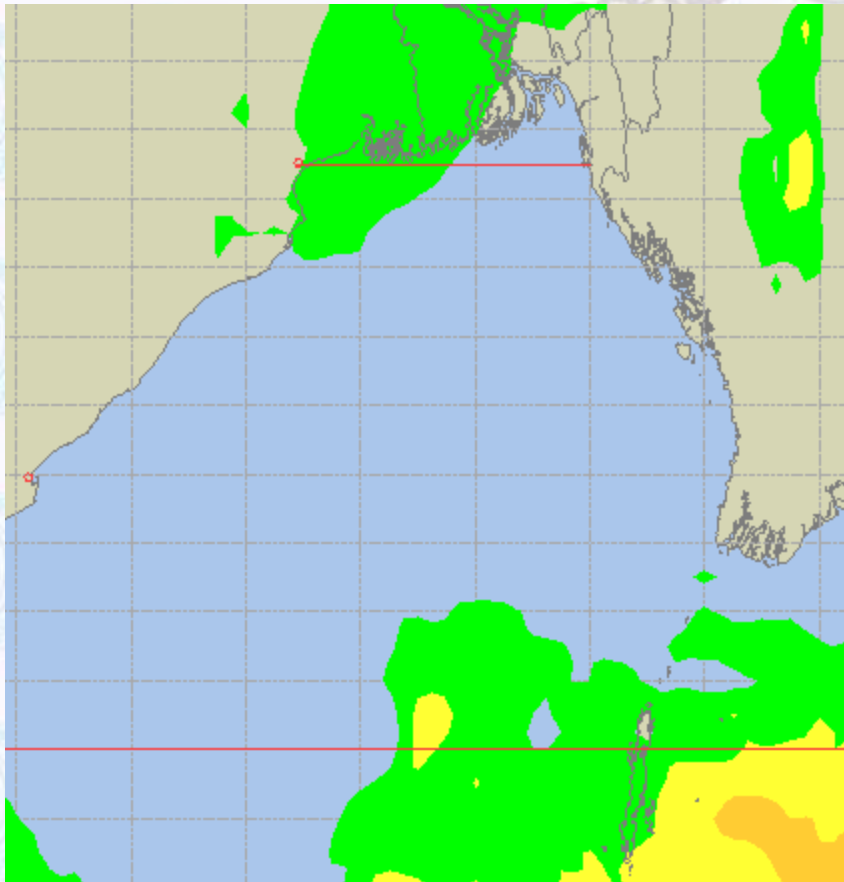




# Peak Gusting Possibilities— 29 & 30 July 2020

29 July 2020 Wednesday

30 July 2020 Thursday



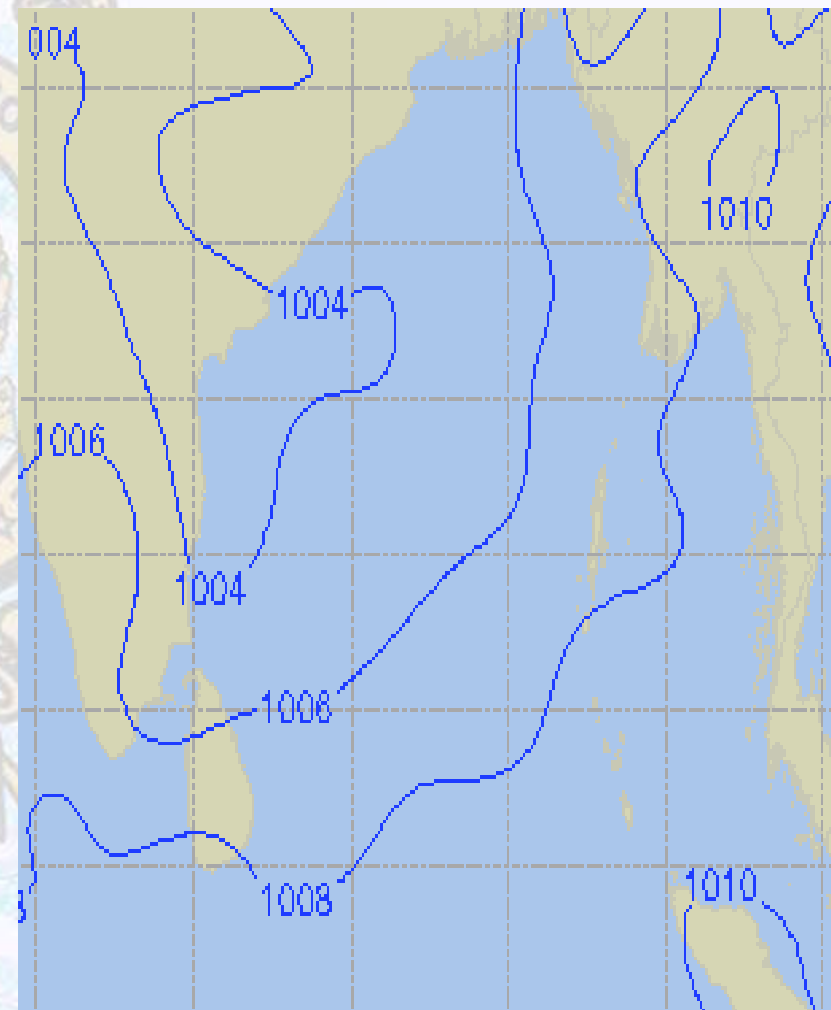
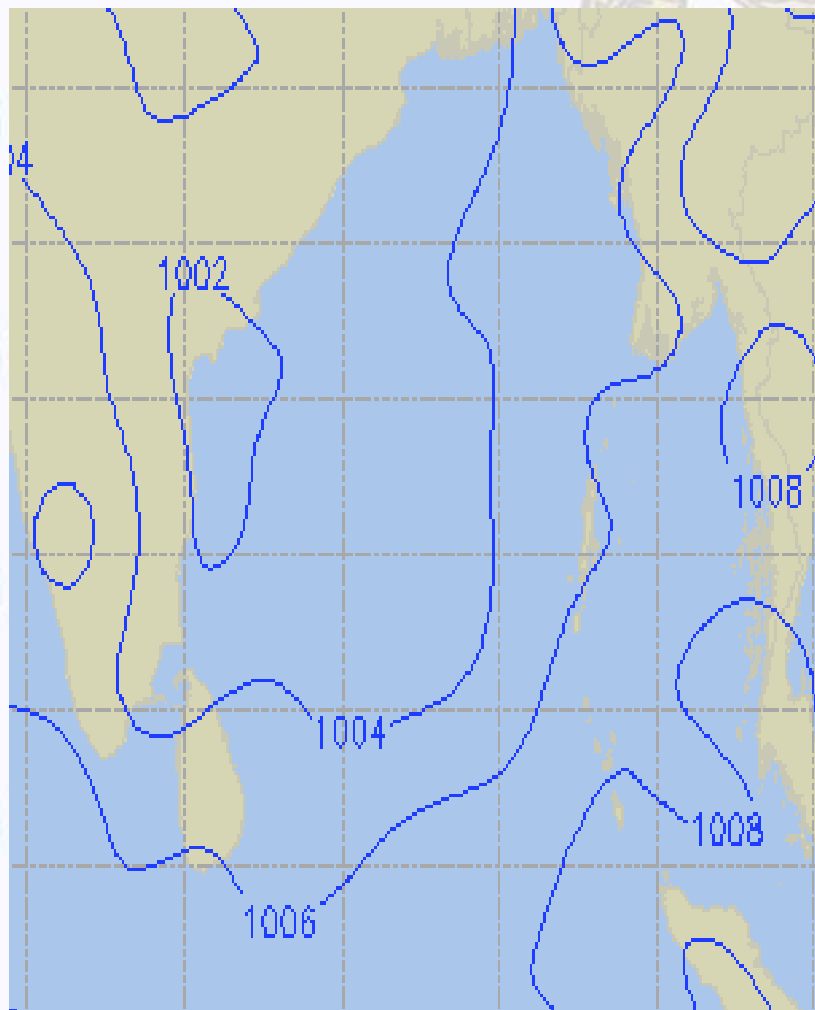




# Surface Pressure forecast— 29 & 30 July 2020

29 July 2020 Wednesday

30 July 2020 Thursday

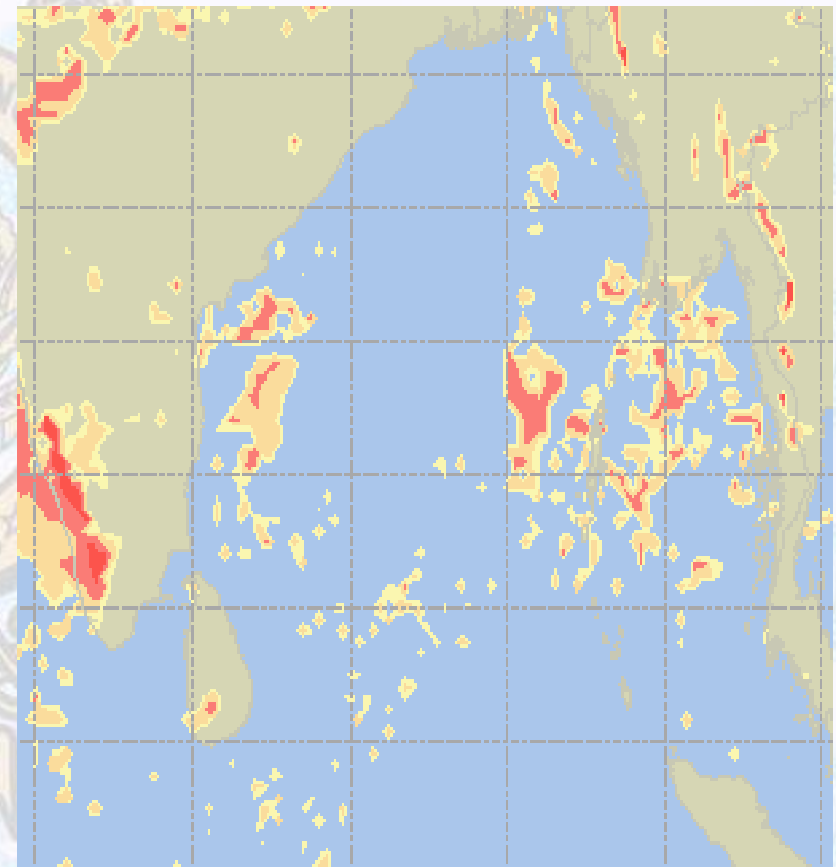
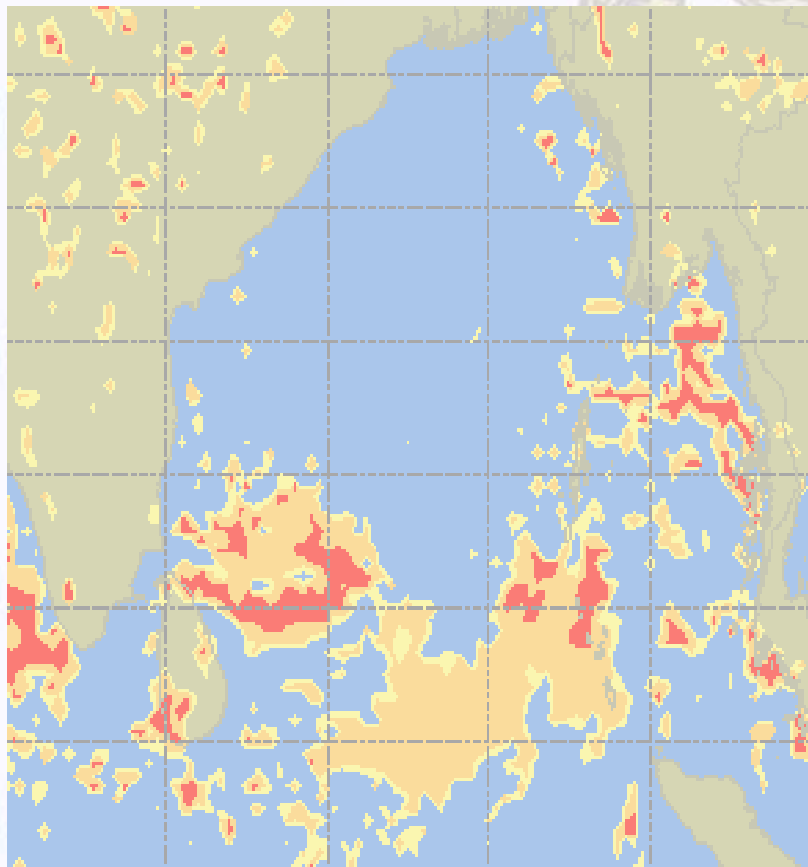




# Visibility at Sea Forecast – 29 & 30 July 2020

29 July 2020 Wednesday

30 July 2020 Thursday



**Visibility Scale:**



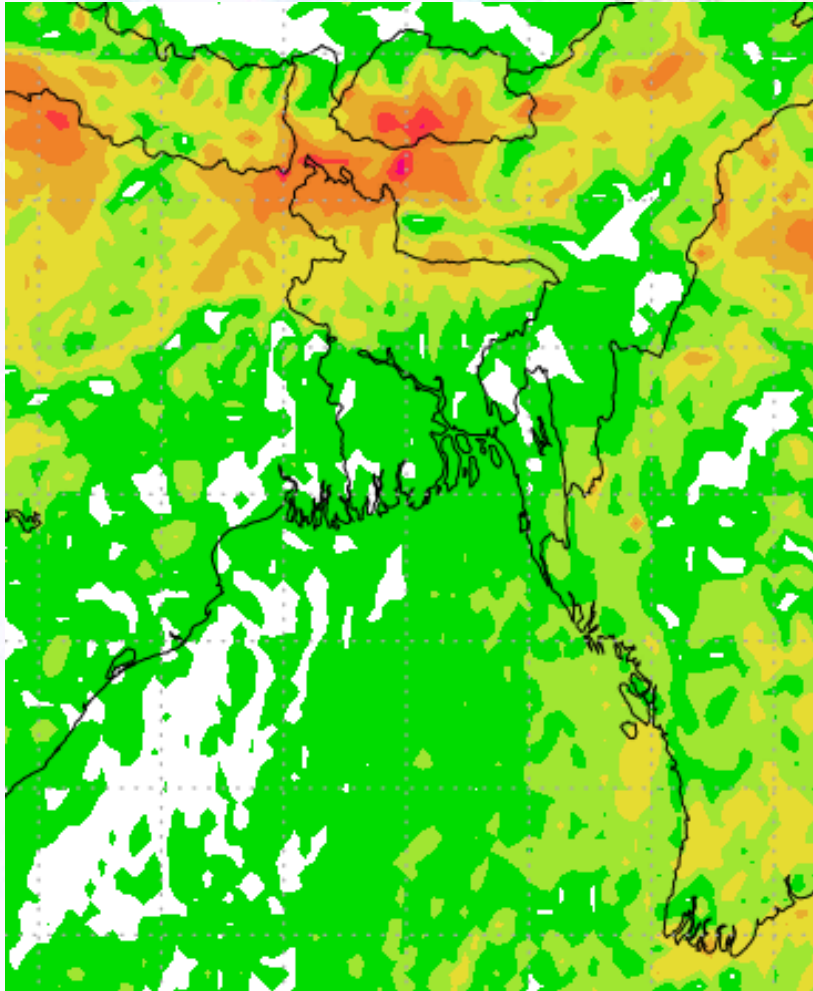
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



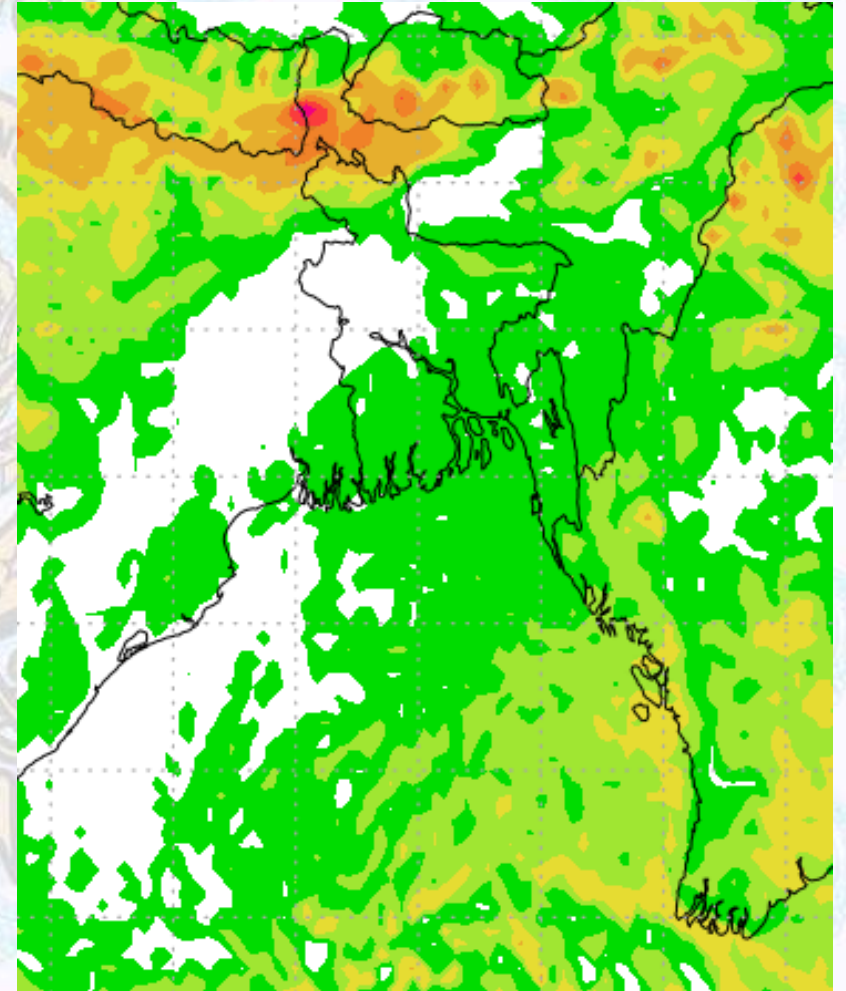


# Precipitation

Rain(mm) 29 & 30 July 2020



Rain(mm) 30 & 31 July 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0151		1.25			0525	3.11
29 July 2020	0808	4.75		1203	1.39		1142	1.63
	1441	1.43		1758	2.99		1737	2.67
	2043	4.37		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0306		1.32			0039	1.39
30 July 2020	0924	4.78		0643	3.16		0644	2.95
	1600	1.35		1324	1.37		1316	1.62
	2203	4.39		1915	2.99		1913	2.65
	Time	Height		Time	Height		Time	Height
		0417		1.28			0151	1.33
31 July 2020	1031	4.89		0752	3.29		0800	3.04
	1709	1.21		1435	1.30		1434	1.50
	2309	4.52		2022	3.08		2031	2.74