



**WEATHER FORECAST FOR BN**

**29 AUG TO 01 SEP. 2022**



## WEATHER FORECAST – DHAKA

### 29.08.2022

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34°C/ 24°C	34°C/ 24°C	30°C/ 25°C	30°C/ 25°C
Wind	8 km/h SSW	8 km/h SSW	7 km/h SSW	6 km/h SW
Humidity	57%	59%	71%	76%
Chance of Precip	4%	4%	8%	14%
Cloud Cover	61%	71%	72%	83%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise / Sunset	0538 / 1820			

#### Conditions

Pressure : 1009 hpa

Visibility : 4.02 km

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





## WEATHER FORECAST – CHATTOGRAM

### 29.08.2022

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C / 26°C	31°C / 26°C	29°C / 26°C	28°C / 26°C
Wind	8 km/h W	8 km/h W	4 km/h WSW	1 km/h W
Humidity	73%	75%	86%	89%
Chance of Precip.	3%	5%	7%	8%
Cloud Cover	50%	49%	42%	67%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Mostly Cloudy
Sunrise/ Sunset	0534 / 1813			

#### Conditions

Pressure : 1009 hpa

Visibility : 8.35 Km

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



## WEATHER FORECAST – KHULNA

### 29.08.2022

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33°C / 25°C	32°C / 26°C	30°C / 26°C	28°C / 26°C
Wind	9 km/h SSW	9 km/h SSW	8 km/h S	5 km/h SSW
Humidity	65%	68%	79%	85%
Chance of Precip.	41%	9%	17%	14%
Cloud Cover	72%	78%	59%	57%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise/ Sunset	0543 / 1822			

#### Conditions

Pressure : 1009 hpa

Visibility : 9.66 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	30 Aug 2022	31 Aug 2022	01 Sep 2022
<b>Temperature (C)</b>	35 °C / 27 °C	34 °C / 27 °C	34 °C / 27 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h39m06s/18h19m06s	5h39m24s/18h18m12s	5h39m48s/18h17m06s
<b>Day Length</b>	12h40m00s	12h38m48s	12h37m18s
<b>Moon Rise/ Set</b>	8:04 AM / 8:16 PM	8:59 AM / 8:50 PM	9:56 AM / 9:27 PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 12%	Waxing Crescent, 20%	Waxing Crescent, 29%
<b>Nautical Twilight</b>	04:49, 19:08	04:49, 19:07	04:50, 19:06
<b>Civil Twilight</b>	05:16, 18:41	05:16, 18:40	05:17, 18:39
<b>Humidity</b>	D : 65%    N : 76%	D : 66%    N : 78%	D : 68%    N : 79%
<b>Barometer (mb)</b>	1008	1007	1007
<b>Visibility</b>	Hazy	Hazy	Hazy
<b>Precip Chance</b>	14%	24%	50%
<b>Wind (km/hr)</b>	9 Km/h, WSW	12 Km/h, SW	12 Km/h, SW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	30 Aug 2022	31 Aug 2022	01 Sep 2022
<b>Temperature (C)</b>	31°C/ 26°C	31°C/ 26°C	31°C/ 26°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h34m30s/ 18h12m00s	5h34m54s/ 18h11m24s	5h35m06s/ 18h10m18s
<b>Day Length</b>	12h37m30s	12h36m30s	12h35m12s
<b>Moon Rise/ Set</b>	7:58 AM / 8:11 PM	8:52 AM / 8:46 PM	9:49 AM / 9:23 PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 12%	Waxing Crescent, 20%	Waxing Crescent, 29%
<b>Nautical Twilight</b>	04:45, 19:01	04:45, 19:00	04:46, 18:59
<b>Civil Twilight</b>	05:12, 18:34	05:12, 18:33	05:12, 18:32
<b>Humidity</b>	D : 78%    N : 88%	D : 81%    N : 88%	D : 80%    N : 88%
<b>Barometer (mb)</b>	1009	1008	1008
<b>Visibility</b>	Hazy	Hazy	Hazy
<b>Precip Chance</b>	16%	43%	40%
<b>Wind (km/hr)</b>	10 Km/h, WNW	10 Km/h, SW	12 Km/h, SSW

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





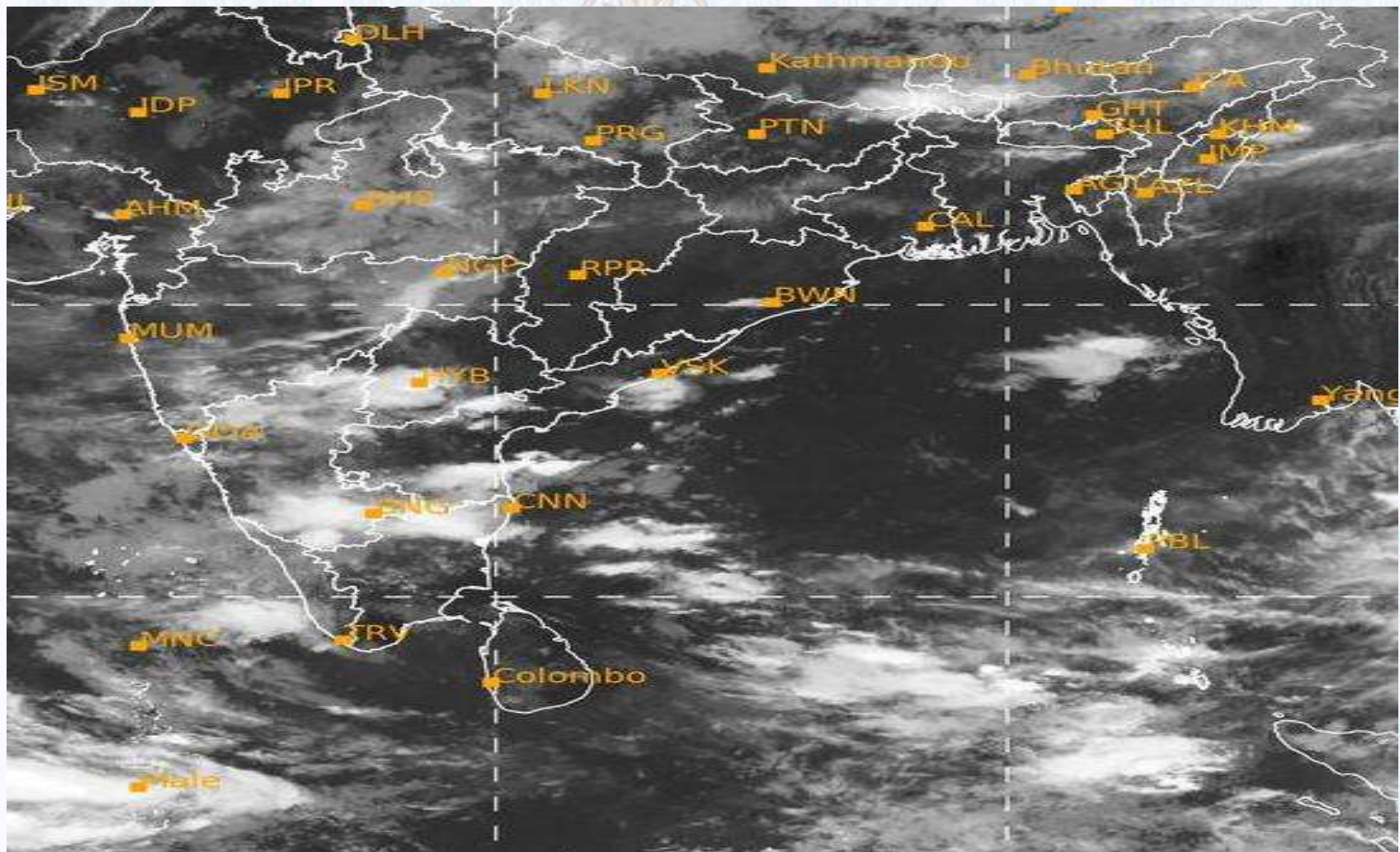
# GENERAL WEATHER FORECAST – KHULNA

Description	30 Aug 2022	31 Aug 2022	01 Sep 2022
<b>Temperature(C)</b>	34 °C / 27 °C	34 °C / 27 °C	33 °C / 27 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h43m24s/18h21m36s	5h43m48s/18h20m54s	5h43m54s/18h19m48s
<b>Day Length</b>	12h38m12s	12h37m06s	12h35m54s
<b>Moon Rise/Set</b>	8:07 AM / 8:20 PM	9:02 AM / 8:55 PM	9:59 AM / 9:32 PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 12%	Waxing Crescent, 20%	Waxing Crescent, 29%
<b>Nautical Twilight</b>	04:53, 19:10	04:54, 19:09	04:54, 19:08
<b>Civil Twilight</b>	05:20, 18:44	05:21, 18:43	05:21, 18:42
<b>Humidity</b>	D : 67 %    N : 78%	D : 68 %    N : 80%	D : 73 %    N : 81%
<b>Barometer (mb)</b>	1008	1008	1007
<b>Visibility</b>	Hazy	Hazy	Hazy
<b>Precip Chance</b>	15%	37%	72%
<b>Wind (km/hr)</b>	10 Km/h, SW	13 Km/h, SW	14 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



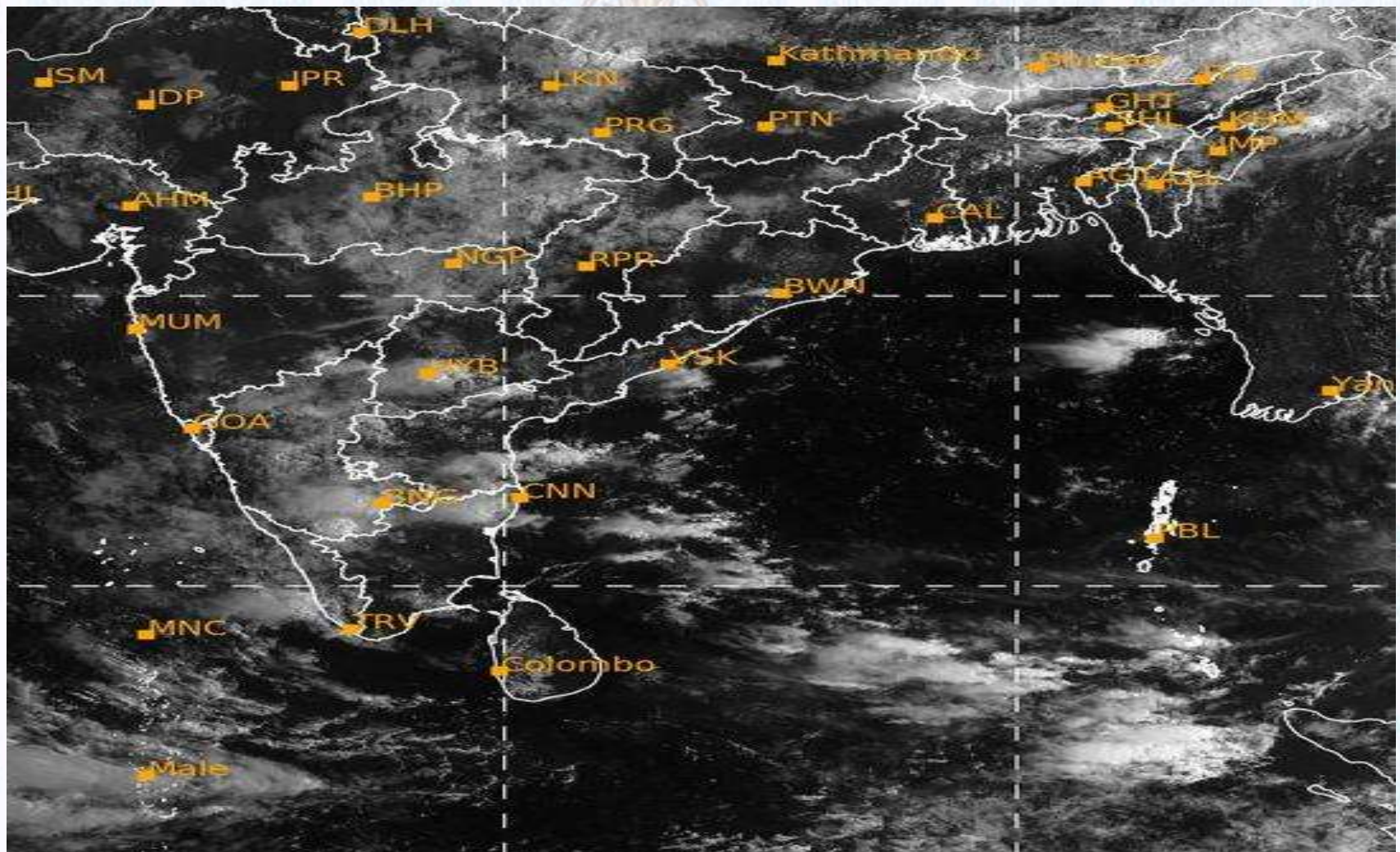
29/08/2022, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



29/08/2022, 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 29.08.2022)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTHWEST BAY. MONSOON IS FAIRLY ACTIVE OVER BANGLADESH AND WEAK TO MODERATE ELSEWHERE OVER NORTH BAY.	
<b>Part hree</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY, 08-12 KTS. TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KM, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 (TWELVE) HOURS: LITTLE CHANGE.
	MSL Pressure	AT =29, 0000 UTC. CHATTOGRAM =1009 HPA





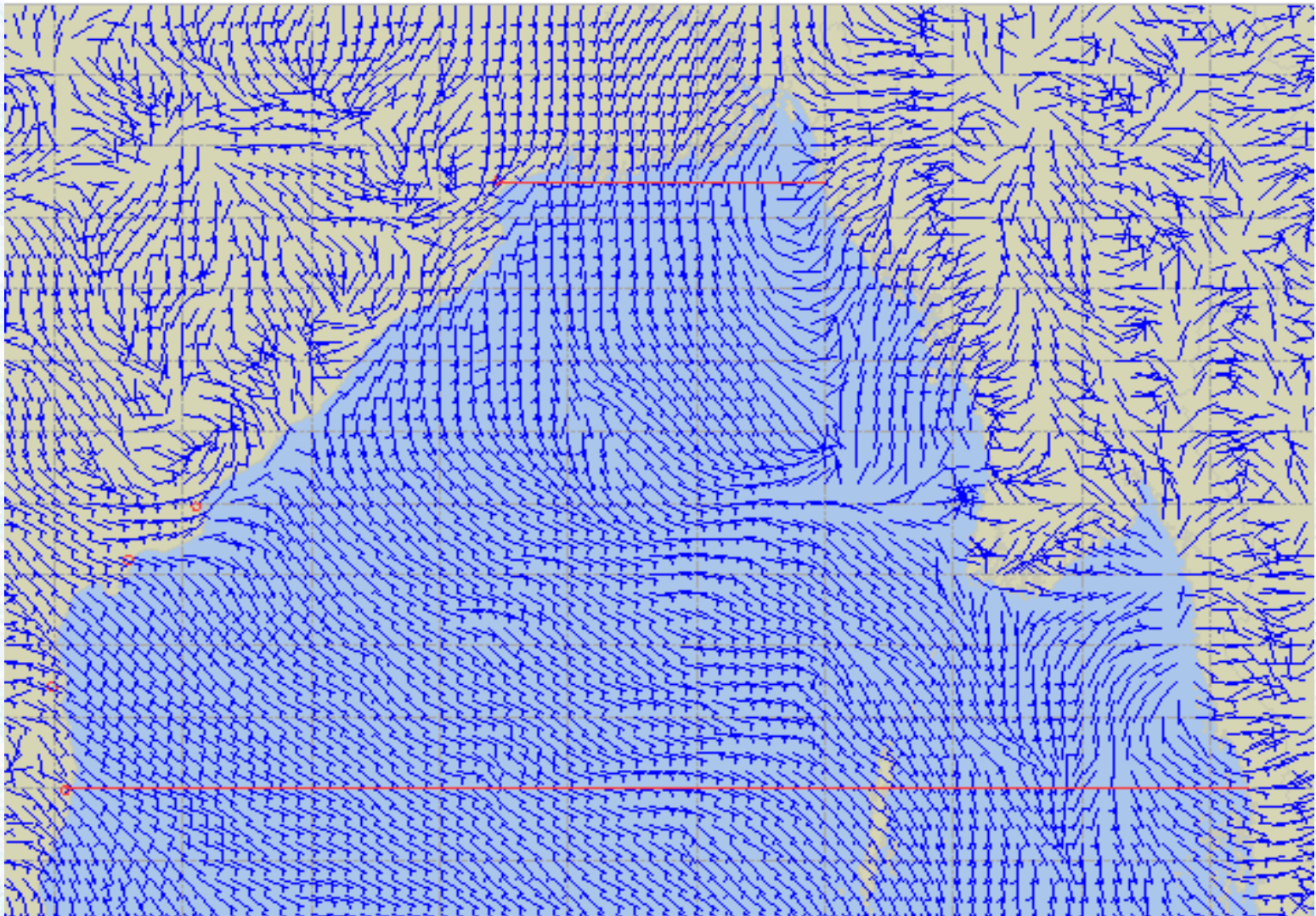
## **Inland River Port Warning** **(VALID TILL 06 PM OF 29.08.2022)**

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

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



# Surface Wind Forecast- 30 August- 2022



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



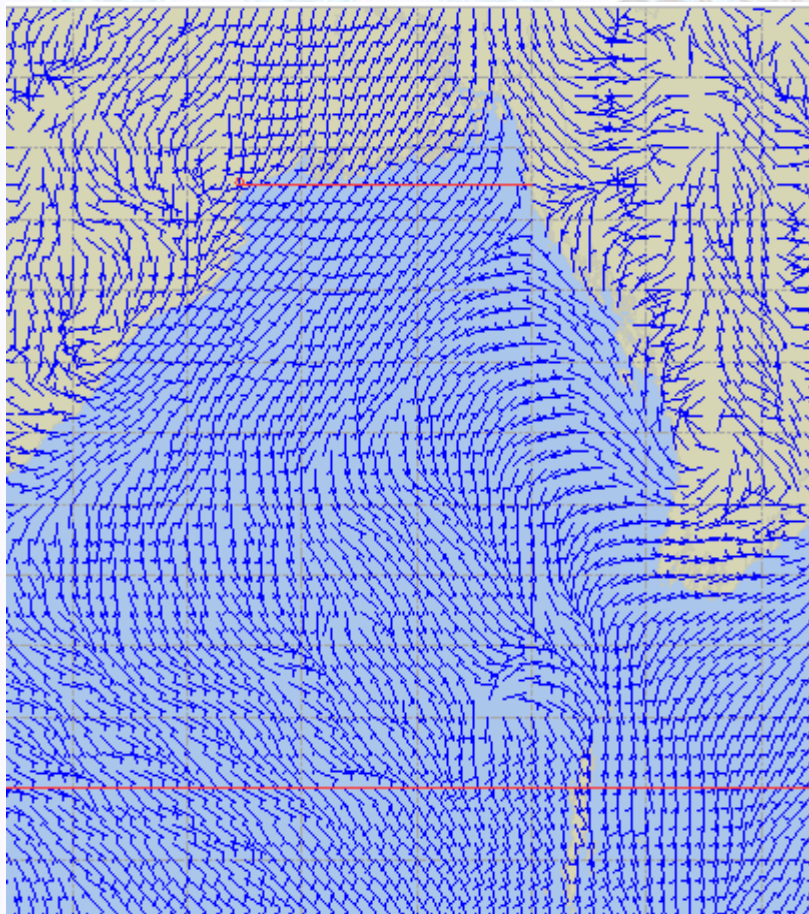
**60 Knots**



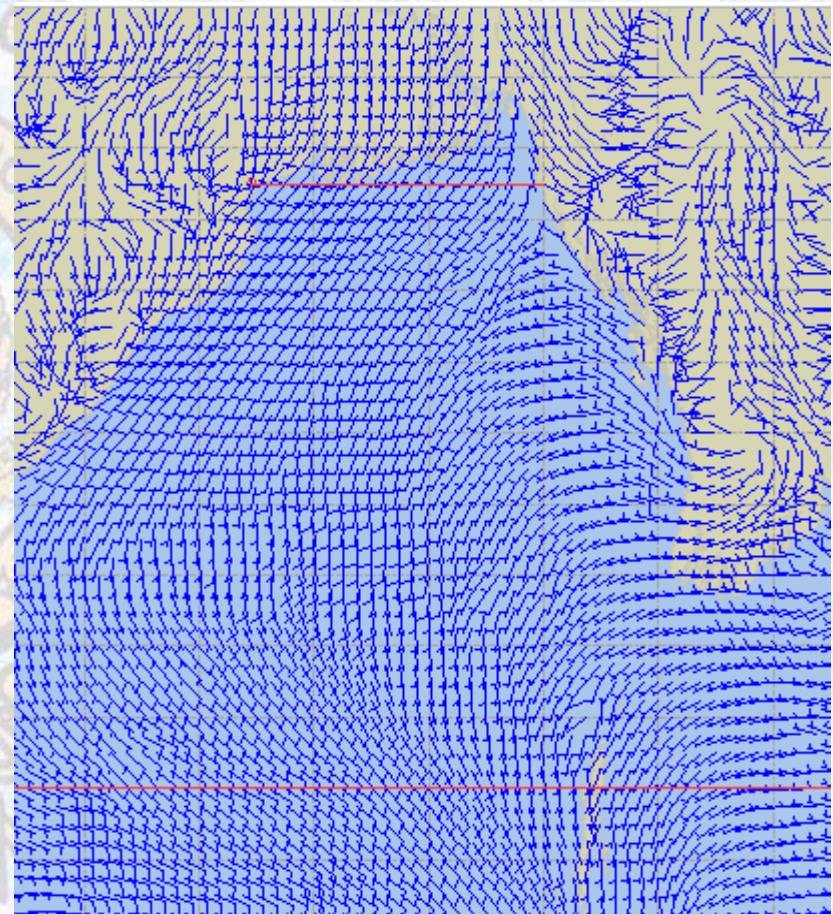


# Surface Wind Forecast – 31 Aug to 01 Sep 2022

31 Aug 22 Wednesday



01 Sep 22 Thursday



**Legend:**



Calm  
Winds



5 Knots



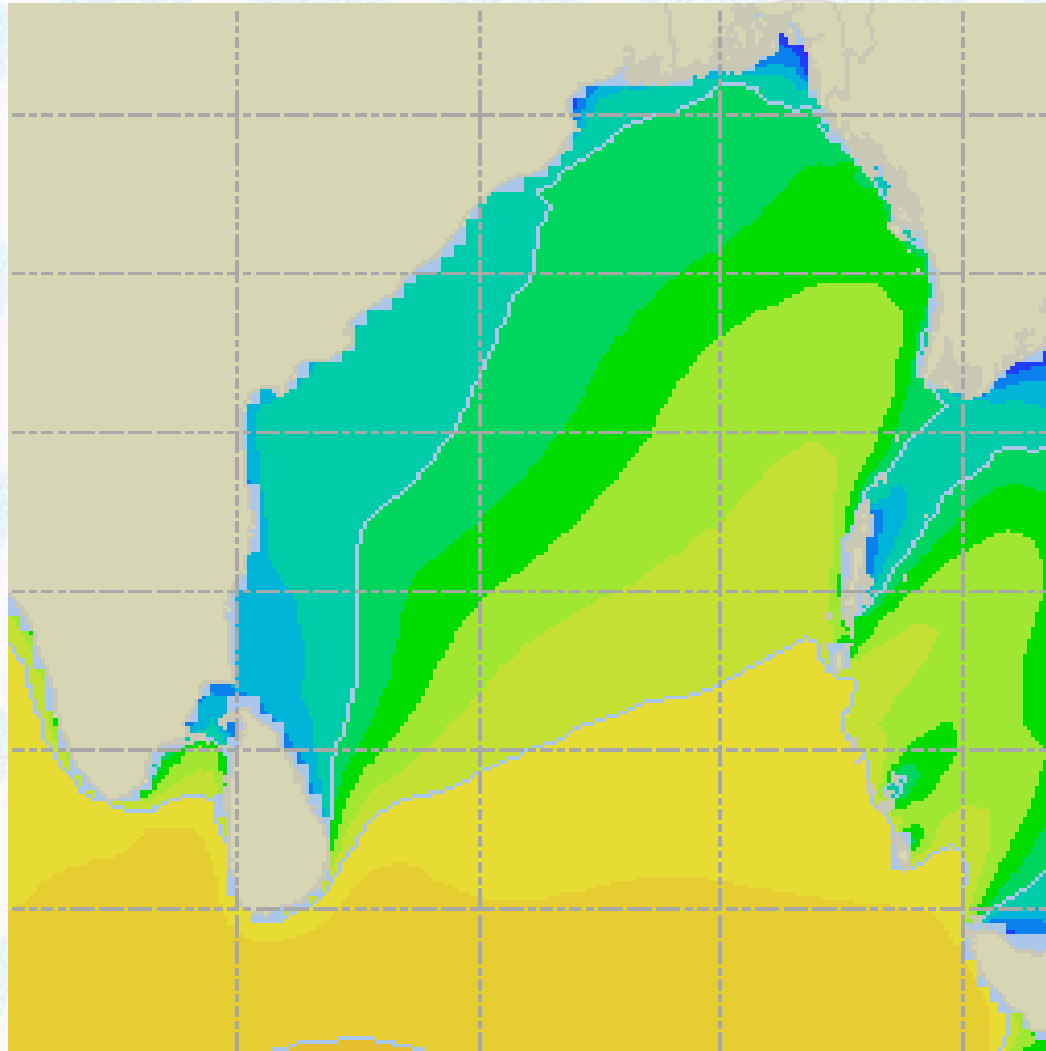
10 Knots



60 Knots



# Sea State Forecast – 30 Aug - 2022



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

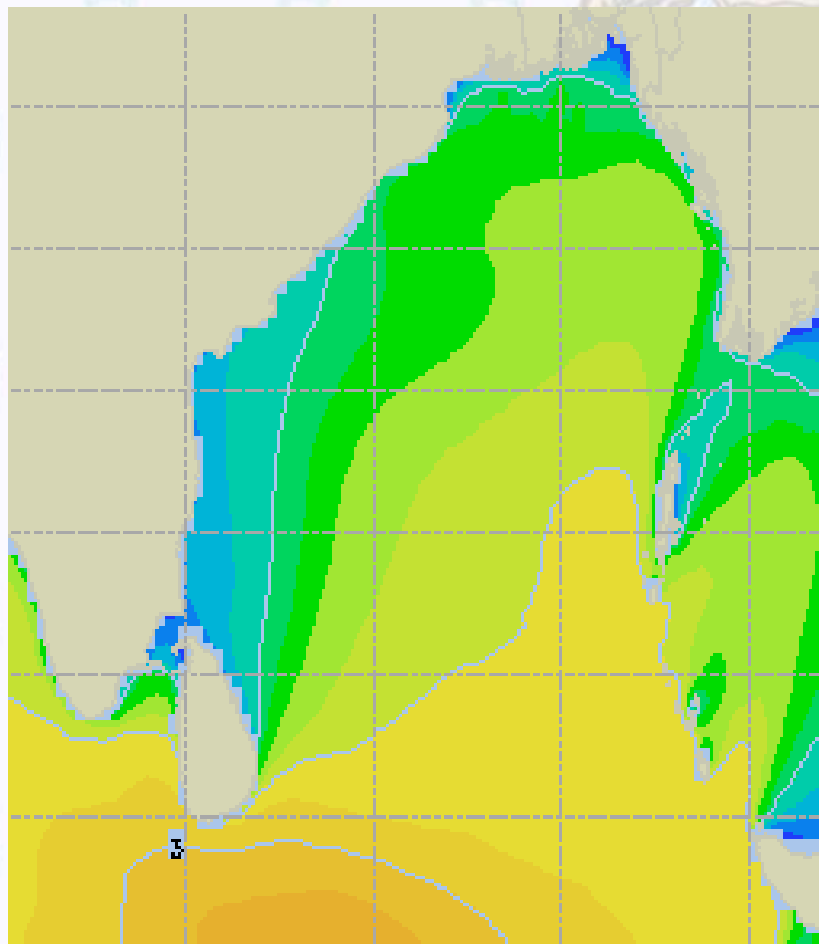




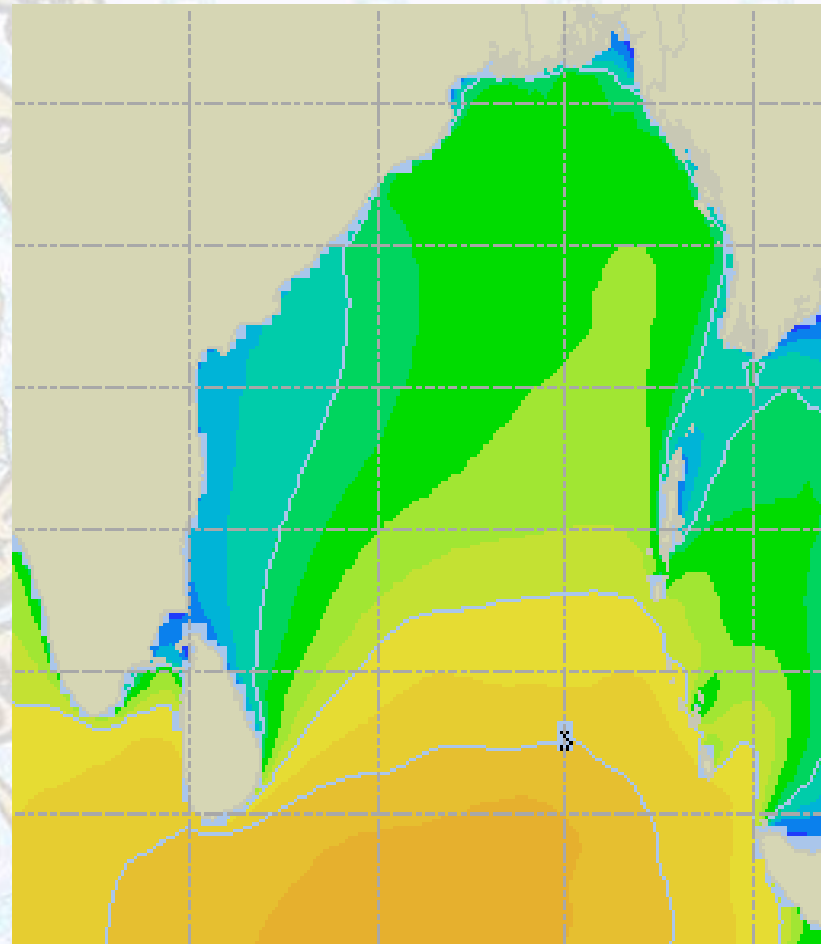


# Sea State Forecast – 31 Aug to 01 Sep 2022

31 Aug 22 Wednesday



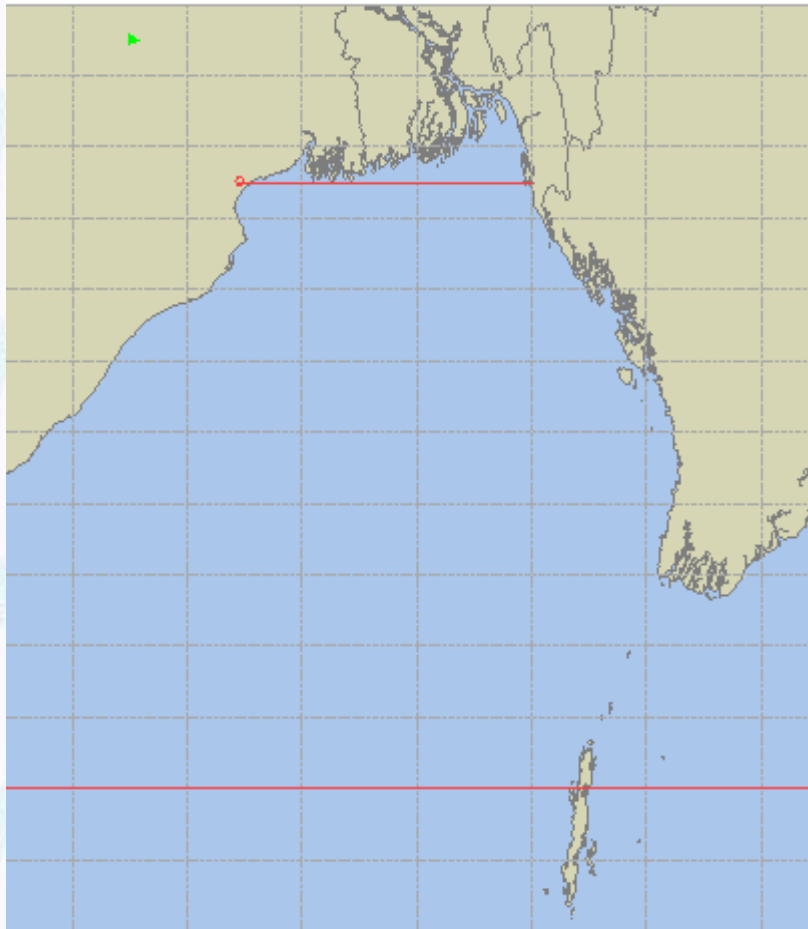
01 Sep 22 Thursday



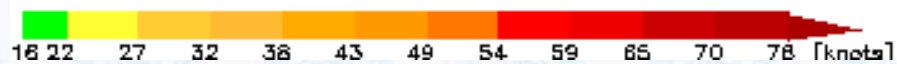
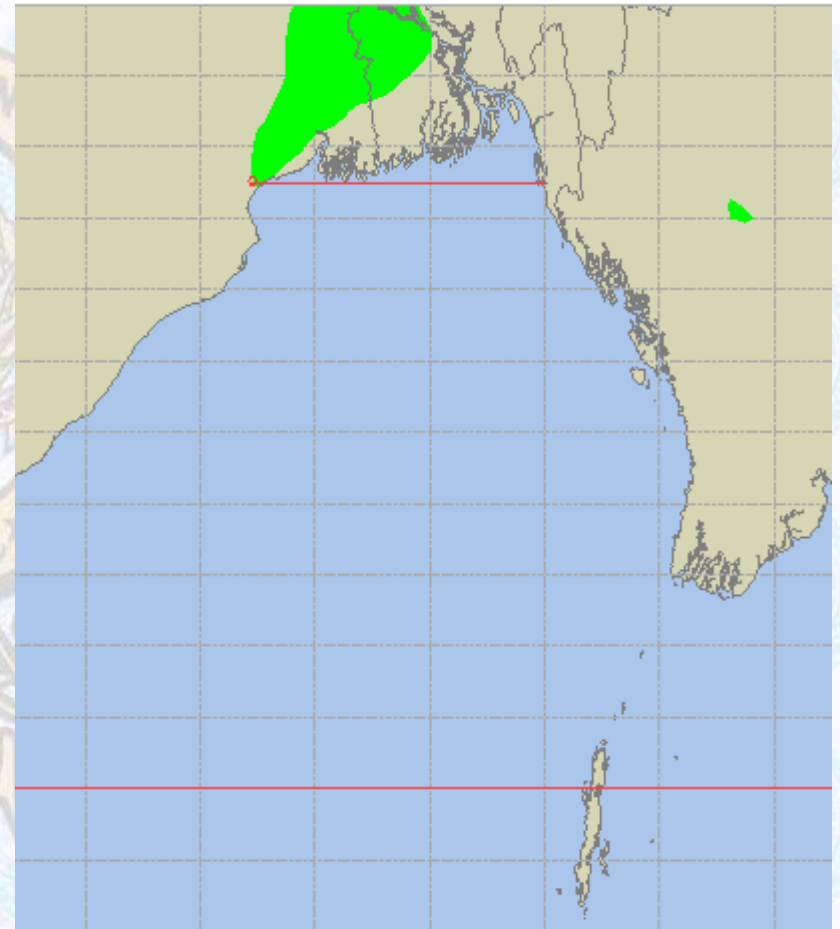


# Peak Gusting Possibilities – 30 to 31 Aug 2022

30 Aug 22 Tuesday



31 Aug 22 Wednesday

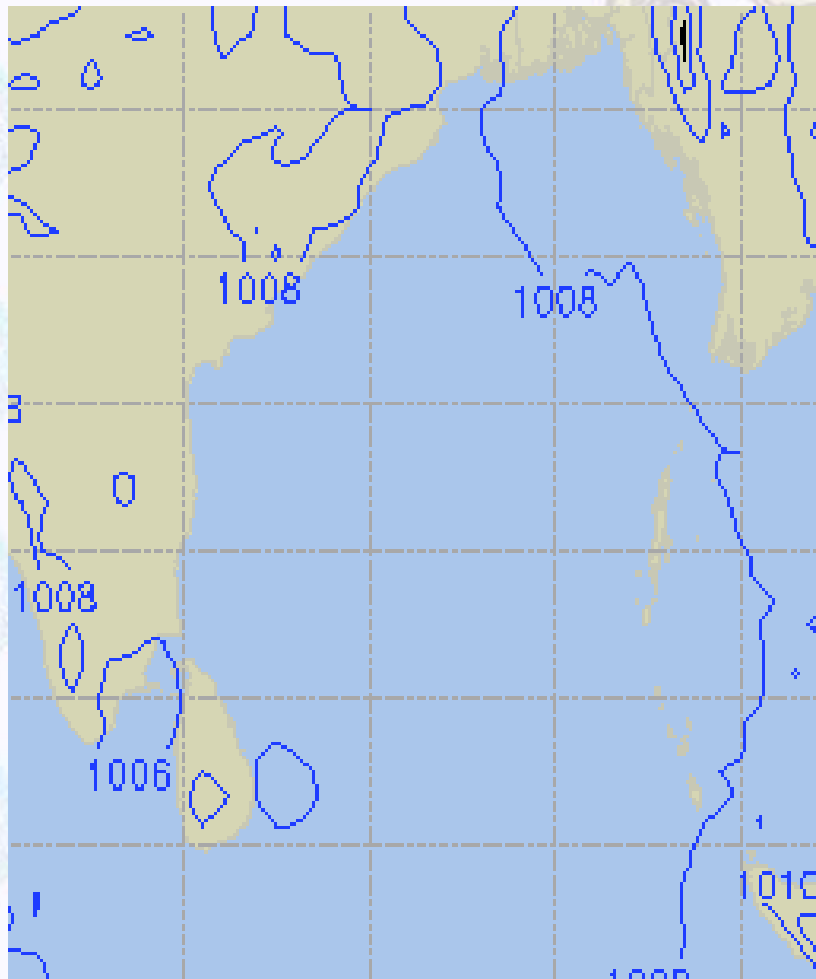




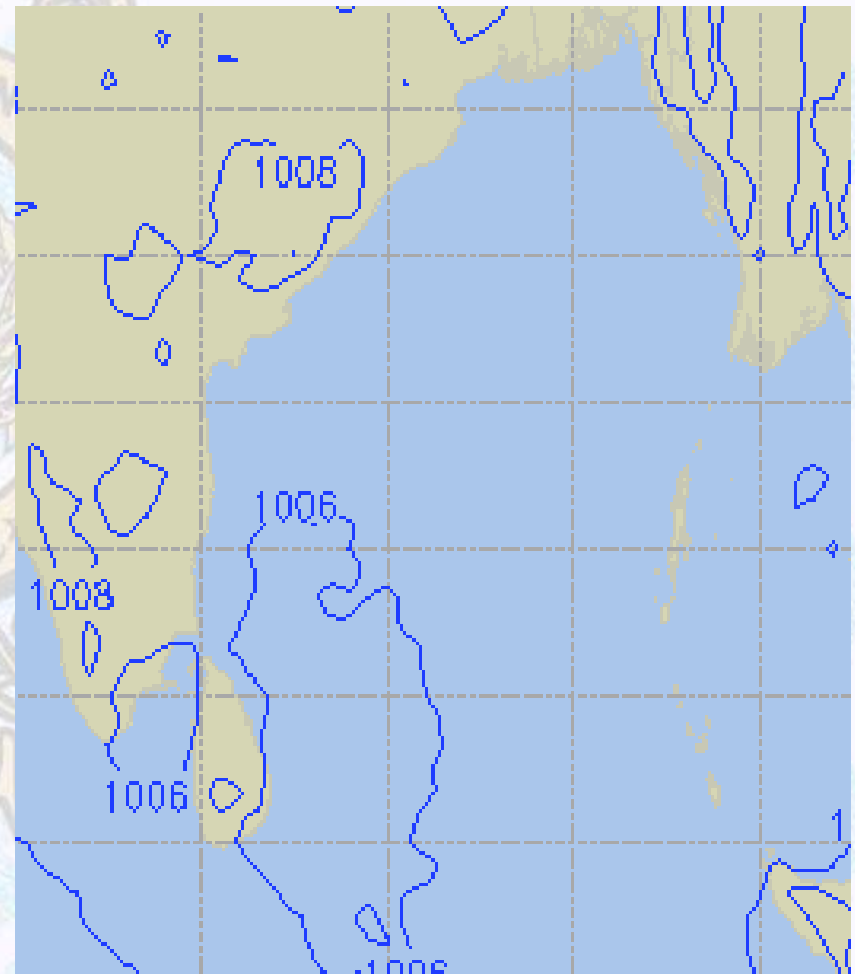


## Surface Pressure forecast – 30 to 31 Aug 2022

30 Aug 22 Tuesday



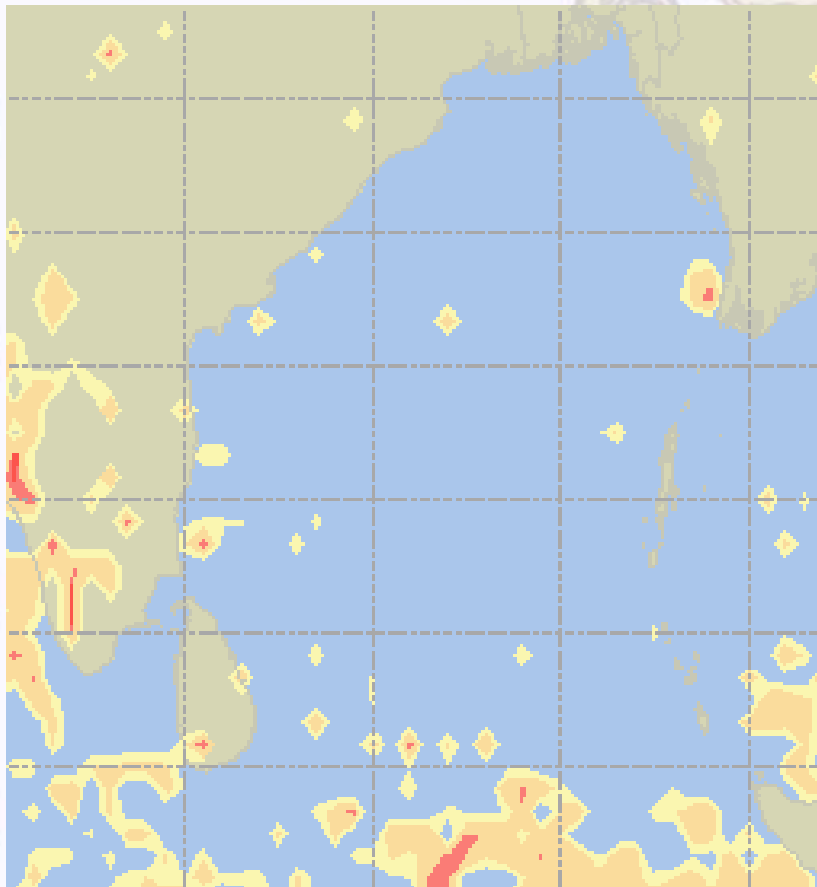
31 Aug 22 Wednesday



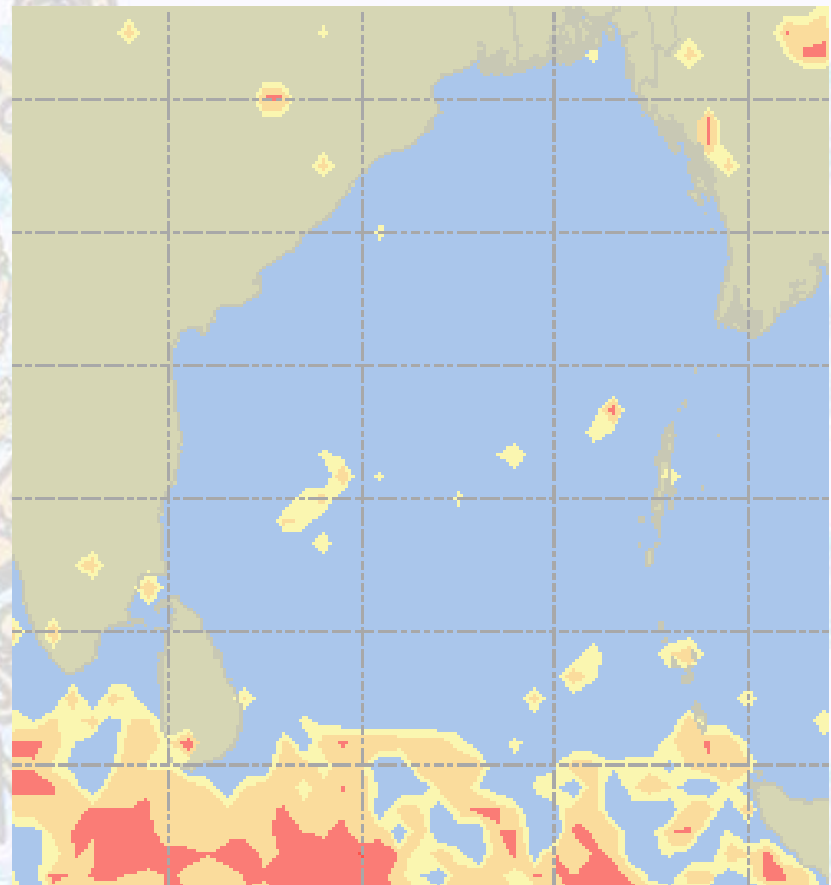


## Visibility at Sea Forecast – 30 to 31 Aug 2022

30 Aug 22 Tuesday



31 Aug 22 Wednesday



**Visibility Scale:**



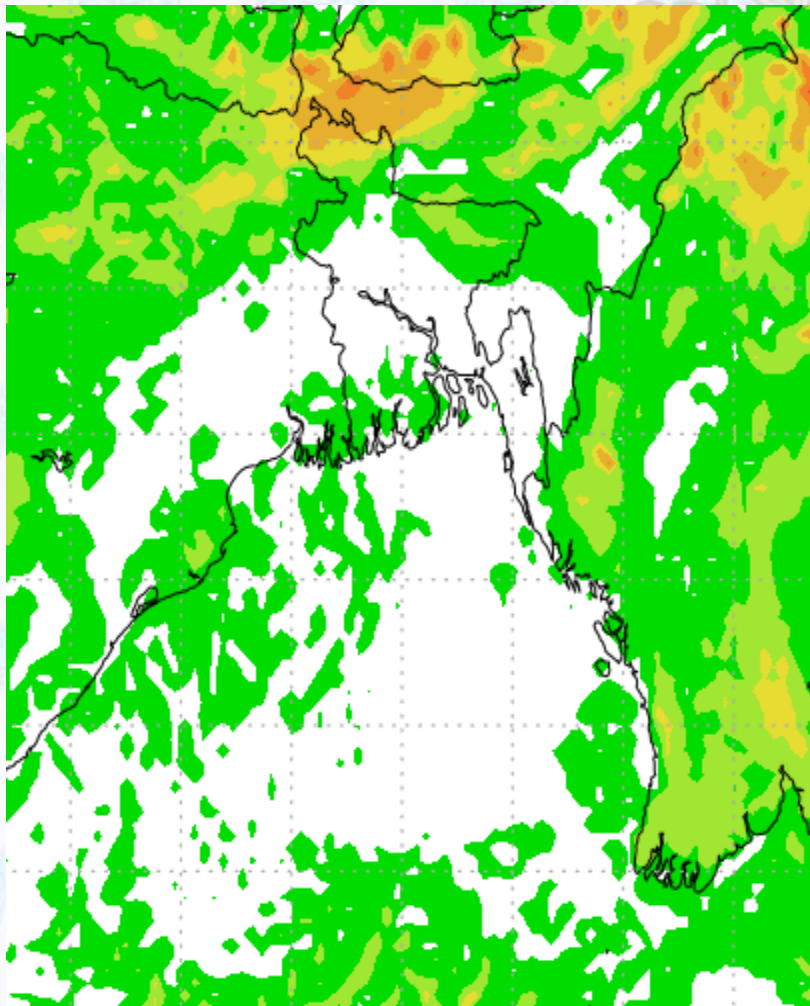
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



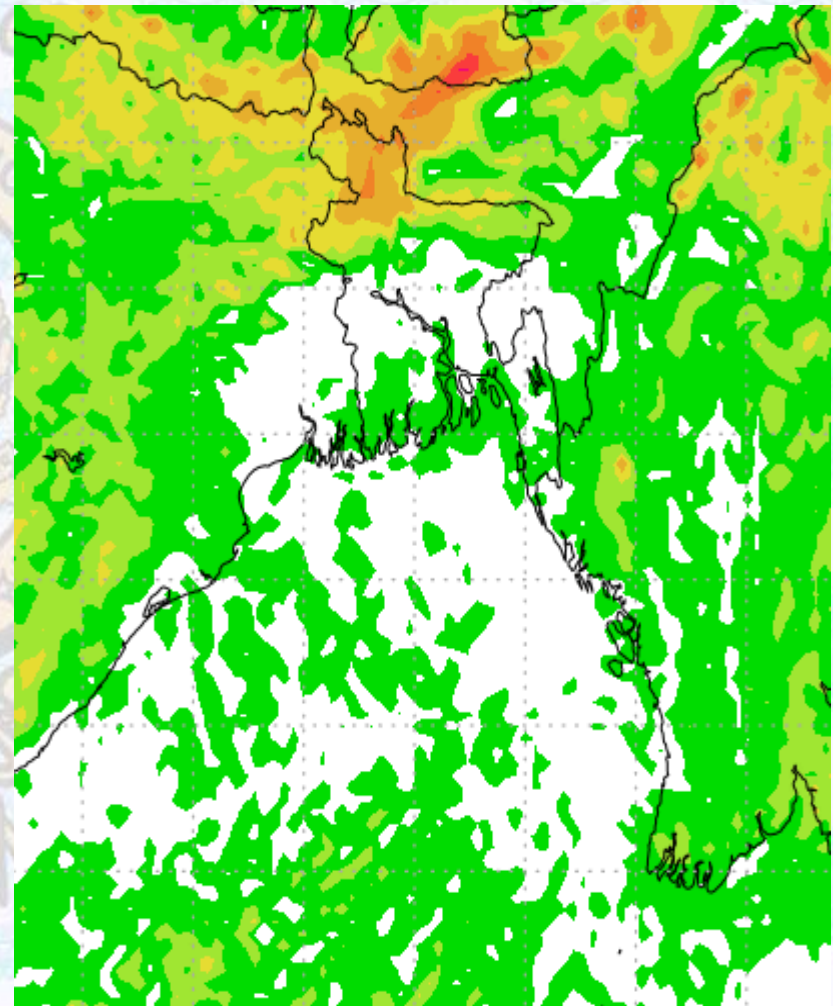


# Precipitation

Rain(mm) 30 to 31 Aug 2022



Rain(mm) 31 Aug to 01 Sep 2022



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

30 Aug 2022	Time	Height		Time	Height		Time	Height
	0226	5.19		0005	3.61		0615	0.90
	0854	0.69		0637	0.99		1207	3.32
	1436	5.35		1224	3.70		1835	0.82
	2116	0.61		1857	0.94		***	***
31 Aug 2022	Time	Height		Time	Height		Time	Height
	0257	5.19		0039	3.57		0029	3.28
	0928	0.71		0709	1.01		0647	0.95
	1509	5.24		1256	3.58		1236	3.25
	2149	0.62		1927	0.98		1905	0.85
01 Sep 2022	Time	Height		Time	Height		Time	Height
	0332	5.13		0115	3.49		0102	3.25
	1005	0.79		0744	1.07		0722	1.04
	1549	5.04		1333	3.40		1309	3.15
	2225	0.72		2000	1.06		1937	0.94