



# **WEATHER FORECAST FOR BN**

***30 AUG- 02 SEP 2020***





# WEATHER FORECAST – DHAKA

## 30.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 26	33 / 26	30 / 26	29 / 26
Wind	8 km/h WSW	6 km/h SW	6 km/h SSW	6 km/h SSW
Humidity	66%	67%	80%	84%
Chance of Precip	16%	16%	24%	17%
Cloud Cover	79%	80%	81%	74%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 39 AM 18: 18 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 30.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 27	28 / 27	28 / 27
Wind	8 km/h WSW	8 km/h WSW	3 km/h SW	2 km/h SSW
Humidity	80%	83%	90%	91%
Chance of Precip.	14%	8%	11%	13%
Cloud Cover	68%	69%	71%	76%
Conditions	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
Sunrise	5: 35 AM			
Sunset	18: 11 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 3.66 Km

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



# WEATHER FORECAST – KHULNA

## 30.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	32 / 28	30 / 28	29 / 27
Wind	8 km/h SW	8 km/h SSW	7 km/h SSW	5 km/h SSW
Humidity	77%	79%	90%	93%
Chance of Precip.	59%	24%	11%	8%
Cloud Cover	78%	75%	73%	71%
Conditions	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
Sunrise Sunset	5: 44 AM 18: 20 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	31 August 2020	01 Sep 2020	02 Sep 2020
<b>Temperature (C)</b>	33 °C/ 27 °C	30 °C/ 26 °C	32 °C/ 27 °C
<b>Summary</b>	Cloudy	Cloudy/ Rain	Cloudy/ Rain
<b>Sun Rise/Set</b>	5h40m06s/18h17m06s	5h40m30s/18h16m06s	5h40m36s/18h15m00s
<b>Day Length</b>	12h37m00s	12h35m36s	12h34m24s
<b>Moon Rise/ Set</b>	5:22AM 3:40PM	6:02AM 4:36PM	6:38AM 5:31PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 95%	Full Moon, 98%	Full Moon, 99%
<b>Nautical Twilight</b>	04:49, 19:07	04:50, 19:06	04:50, 19:04
<b>Civil Twilight</b>	05:16, 18:40	05:17, 18:39	05:17, 18:38
<b>Humidity</b>	D : 76%    N : 84%	D : 82%    N : 86%	D : 75%    N : 86%
<b>Barometer (mb)</b>	1004	1005	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	60%
<b>Wind (mph)</b>	5 Km/h SW	6 Km/h SSW	9 Km/h SSE

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	31 August 2020	01 Sep 2020	02 Sep 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	30 °C/ 25 °C	31 °C/ 26 °C
<b>Summary</b>	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
<b>Sun Rise/Set</b>	5h35m36s/18h10m12s	5h35m54s/18h09m18s	5h36m00s/18h08m18s
<b>Day Length</b>	12h34m36s	12h33m24s	12h32m18s
<b>Moon Rise/ Set</b>	5:14AM 3:37PM	5:54AM 4:32PM	6:31AM 5:26PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 95%	Full Moon, 98%	Full Moon, 99%
<b>Nautical Twilight</b>	04:45, 18:59	04:46, 18:58	04:46, 18:57
<b>Civil Twilight</b>	05:12, 18:33	05:12, 18:33	05:13, 18:33
<b>Humidity</b>	D : 85% N : 92%	D : 87% N : 93%	D : 81% N : 92%
<b>Barometer (mb)</b>	1006	1007	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	40%
<b>Wind (mph)</b>	6 Km/h SW	7 Km/h SSW	9 Km/h SSW

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



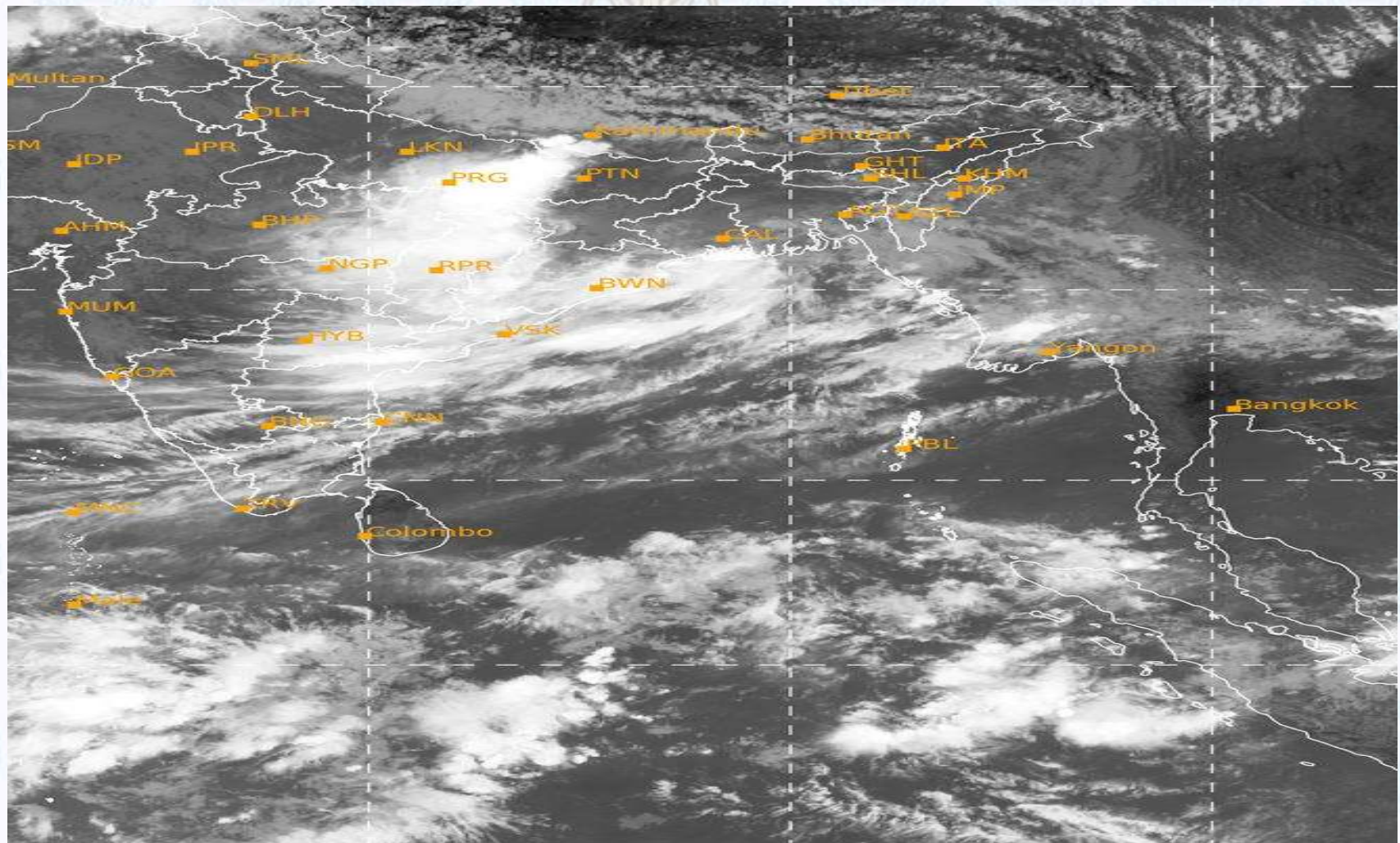
# GENERAL WEATHER FORECAST – KHULNA

Description	31 August 2020	01 Sep 2020	02 Sep 2020
<b>Temperature(C)</b>	34°C/ 27°C	30°C/ 26°C	32°C/ 26°C
<b>Summary</b>	Cloudy/ Rain	Cloudy/ Rain	Cloudy/ Rain
<b>Sun Rise/Set</b>	5h44m24s/18h19m48s	5h44m36s/18h18m48s	5h44m48s/18h17m48s
<b>Day Length</b>	12h35m24s	12h34m12s	12h33m00s
<b>Moon Rise/Set</b>	5:25AM 3:47PM	6:05AM 4:42PM	6:41AM 5:37PM
<b>Moon Phase/illu</b>	Waxing Gibbous, 95%	Full Moon, 98%	Full Moon, 99%
<b>Nautical Twilight</b>	04:54, 19:10	04:54, 19:08	04:55, 19:07
<b>Civil Twilight</b>	05:22, 18:43	05:21, 18:41	05:21, 18:40
<b>Humidity</b>	D : 77%    N : 88%	D : 87%    N : 90%	D : 80%    N : 89%
<b>Barometer (mb)</b>	1005	1005	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	100%	80%
<b>Wind (mph)</b>	7 km/h WSW	5 km/h ENE	10 km/h SE

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



# SATELLITE VIEW OF BAY OF BENGAL



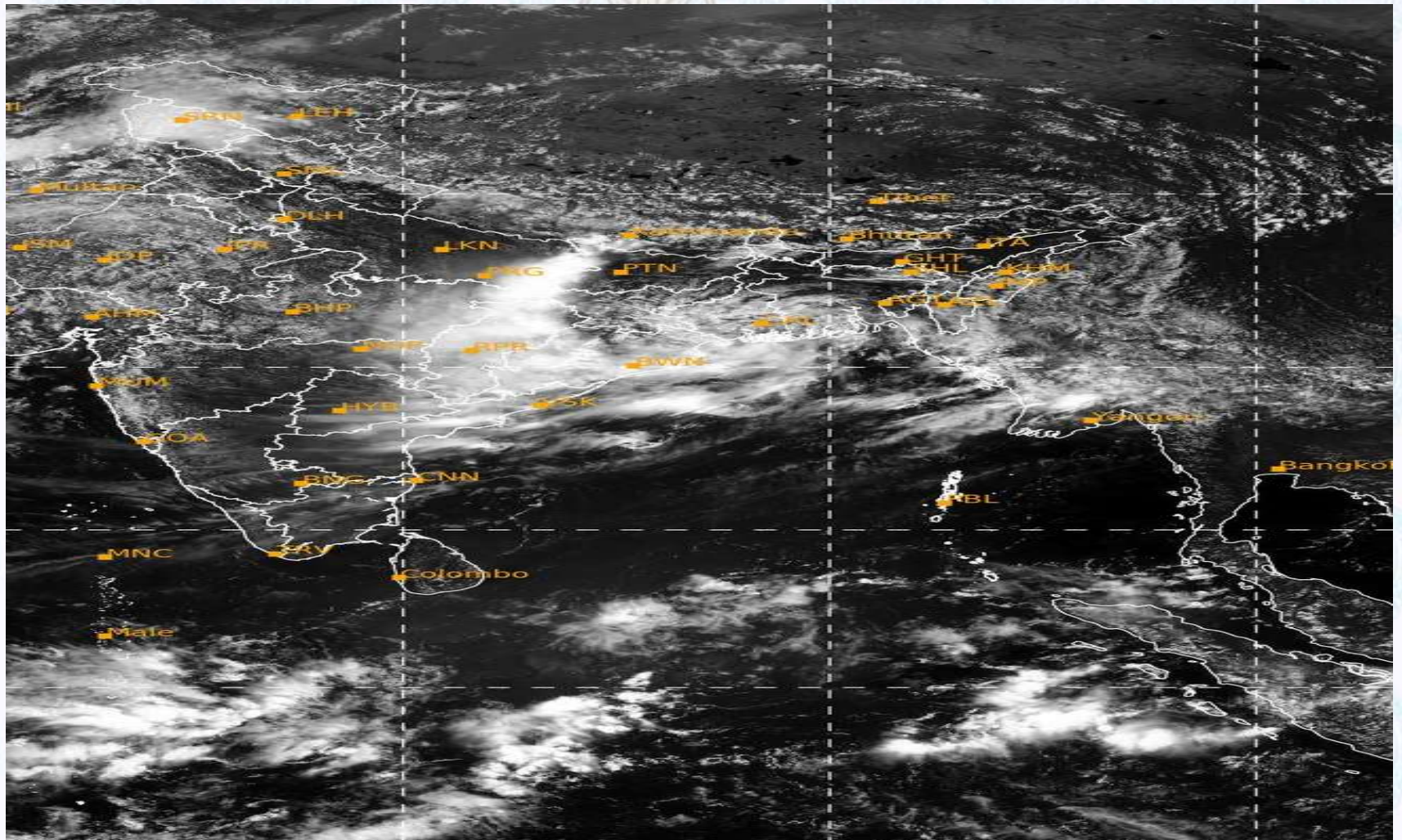
30/08/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



30/08/2020, 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 30.08.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY . MONSOON IS WEAK OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/WESTERLY, 08-12 KTS.TEMPORARY GUSTING TO 22 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 =1007 HPA



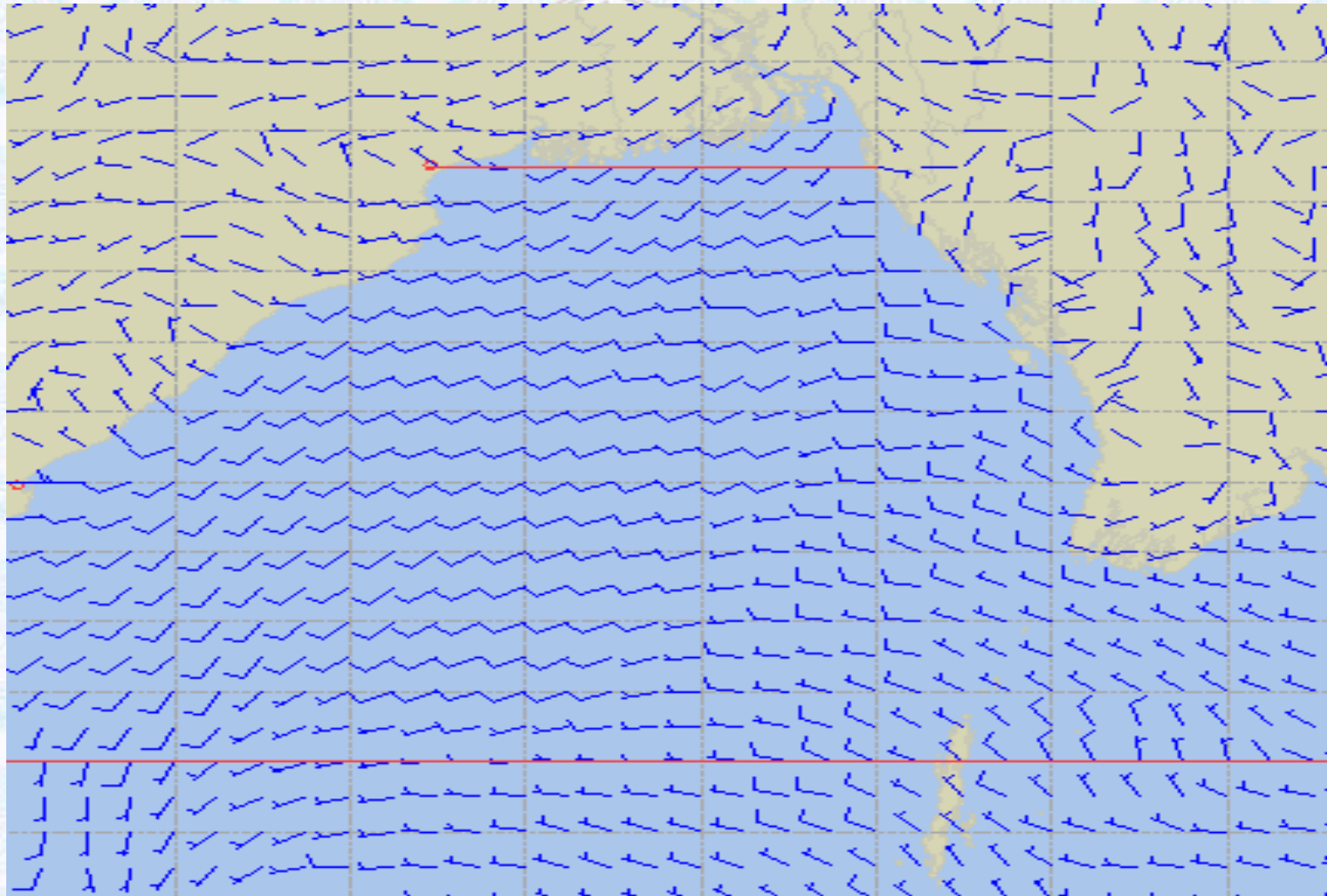
# **Inland River Port Warning** **(VALID TILL 06 PM OF 30.08.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY S/SE'LY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF MYMENSINGH AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 31 Aug- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



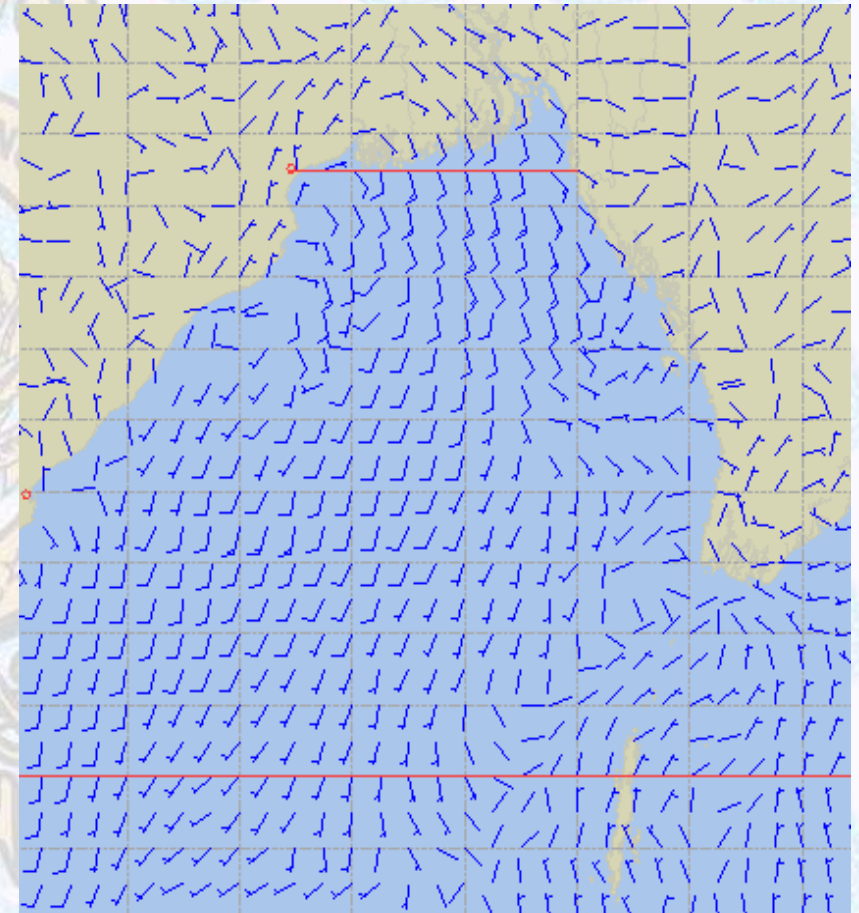
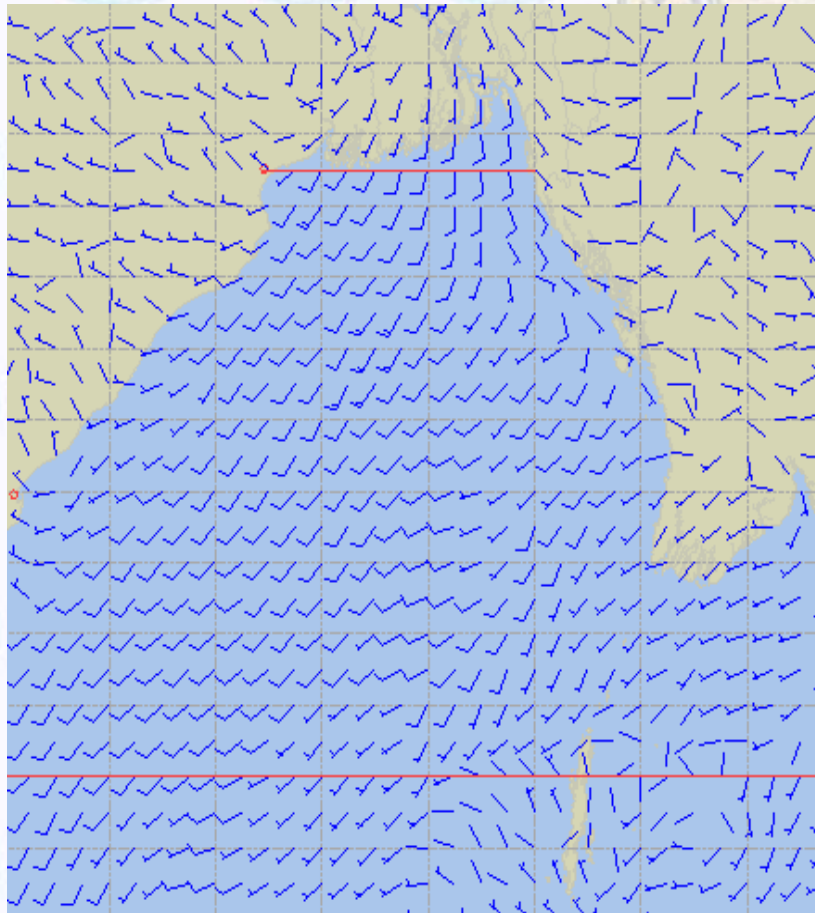
**60 Knots**



# Surface Wind Forecast – 01 & 02 Sep - 2020

01 Sep 20 Tuesday

02 Sep 20 Wednesday



**Legend:**



**Calm  
Winds**



**5 Knots**



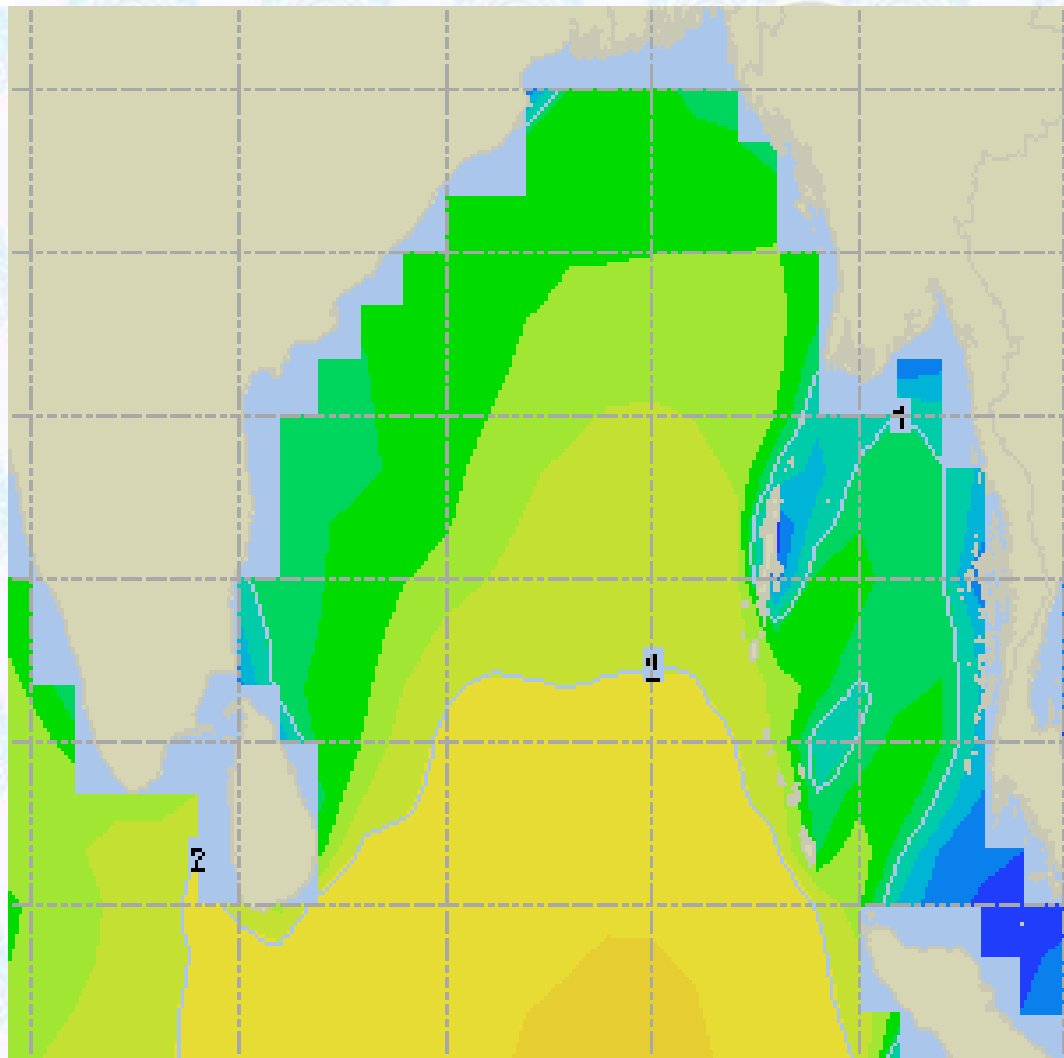
**10 Knots**



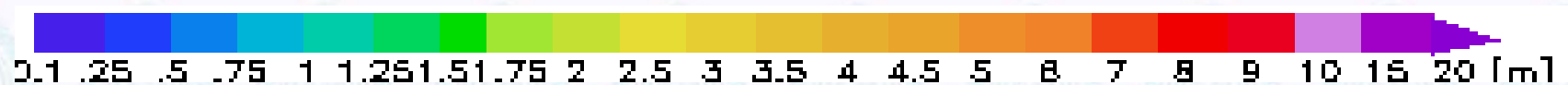
**60 Knots**



# Sea State Forecast – 31 Aug- 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

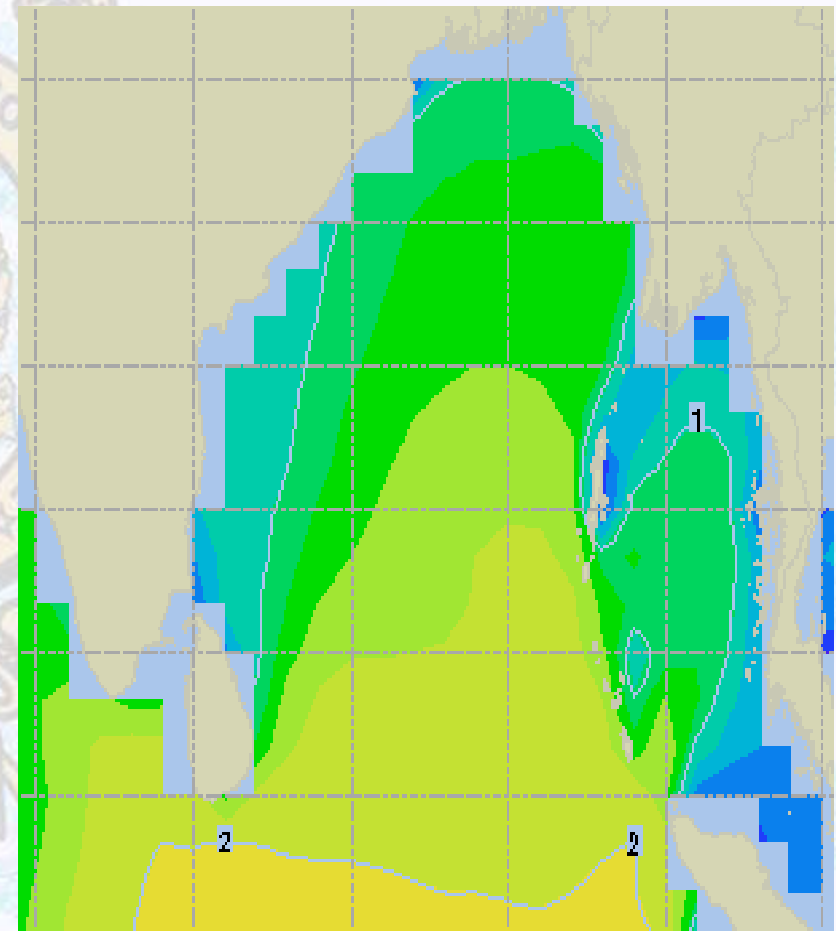
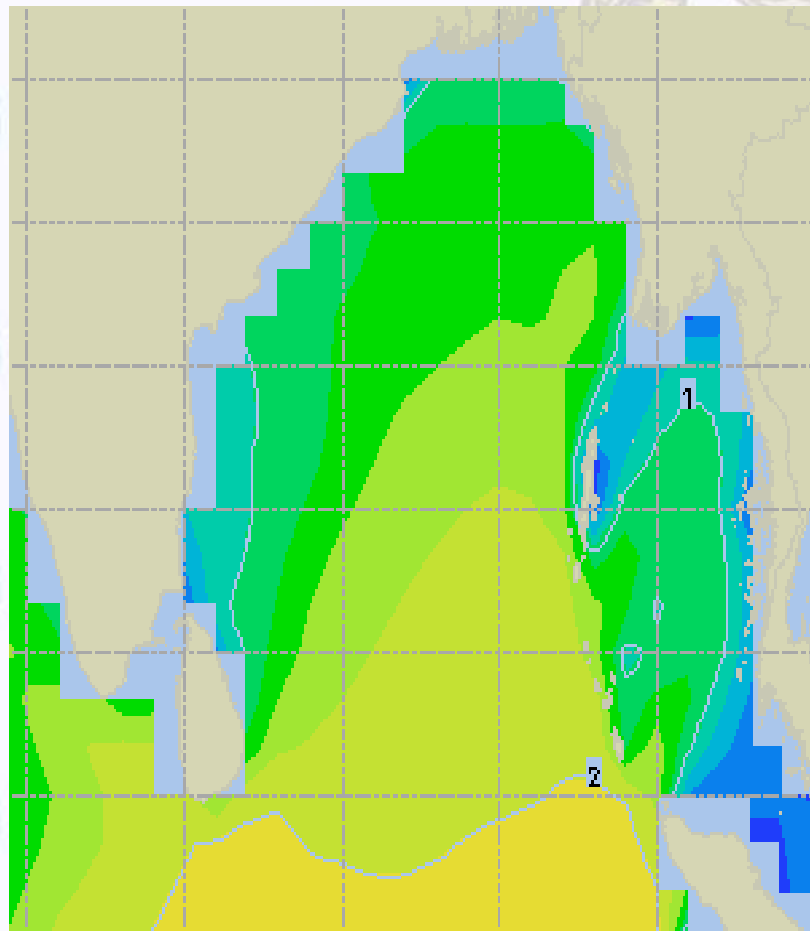




# Sea State Forecast – 01 & 02 Sep - 2020

01 Sep 20 Tuesday

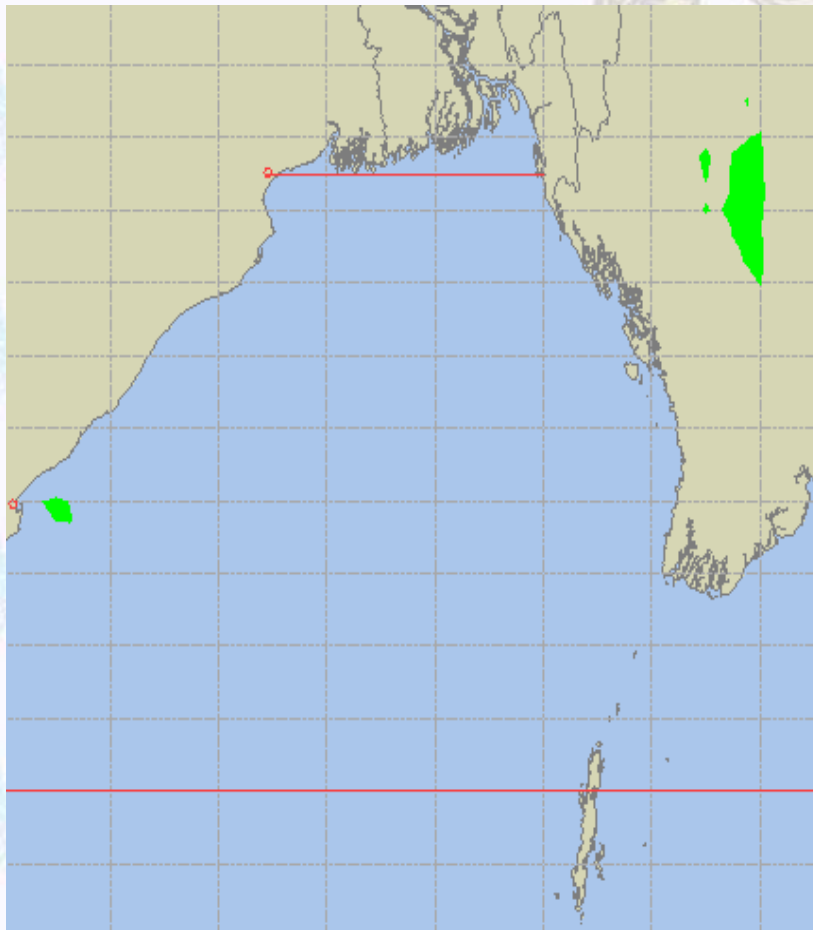
02 Sep 20 Wednesday



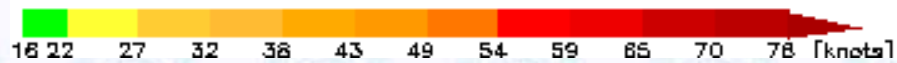
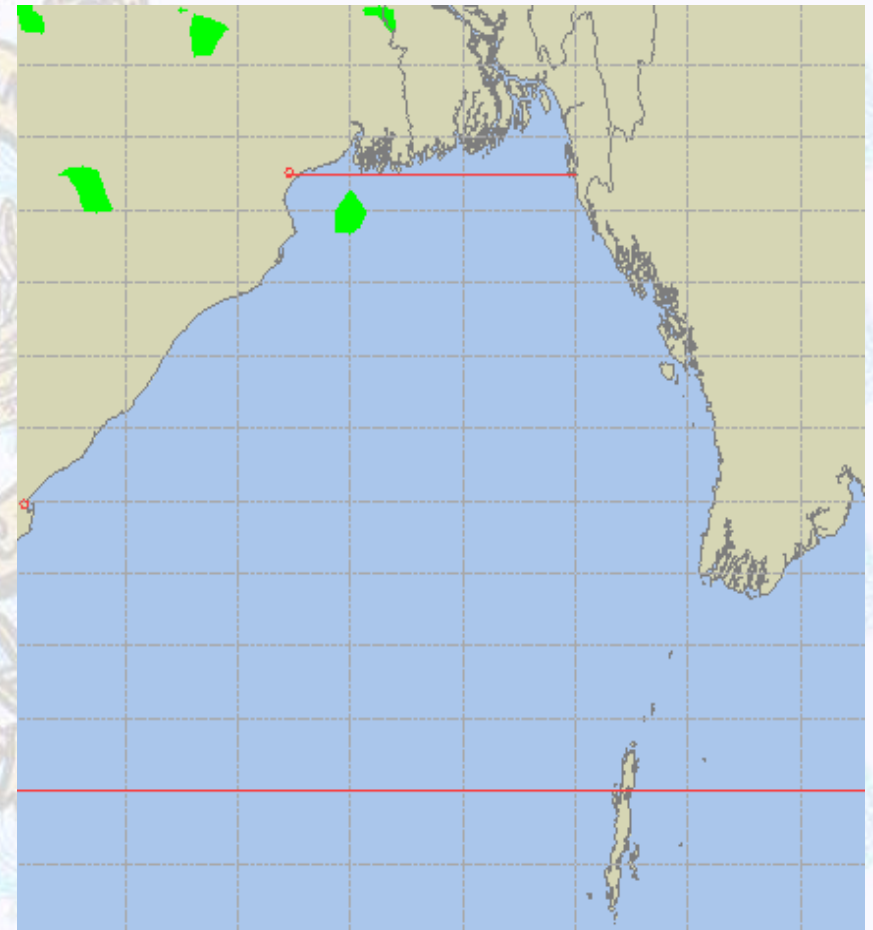


# Peak Gusting Possibilities— 31 Aug & 01 Sep 2020

31 August 20 Monday



01 Sep 20 Tuesday

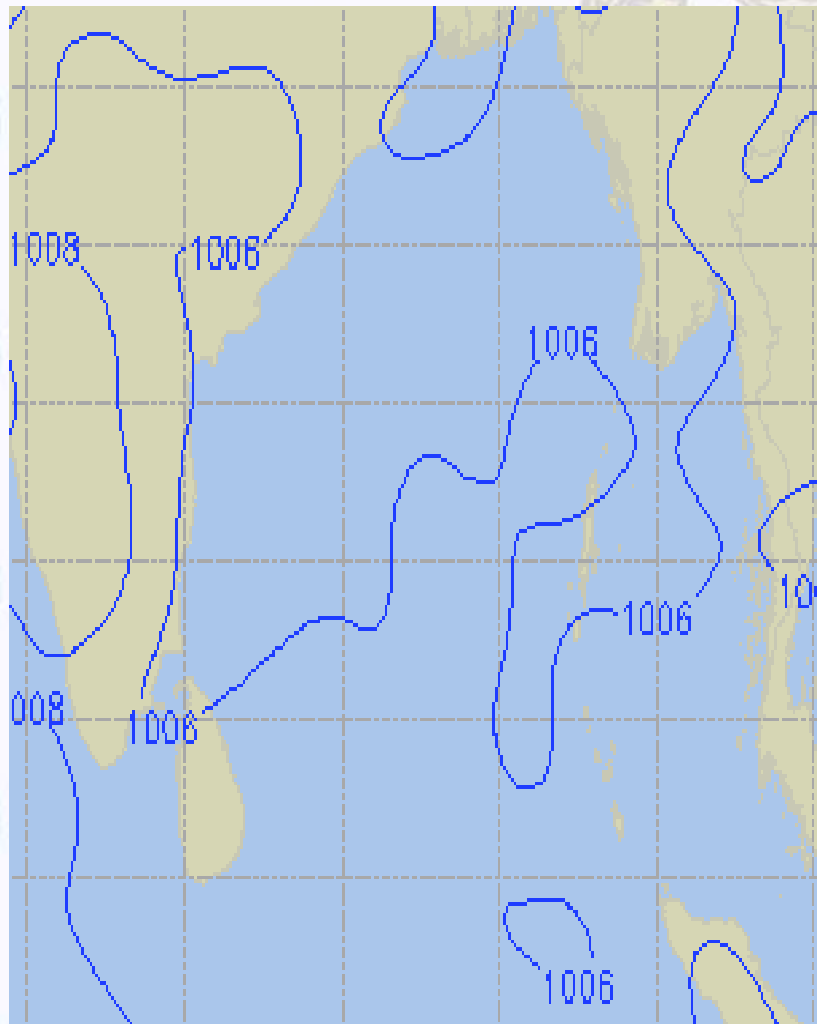




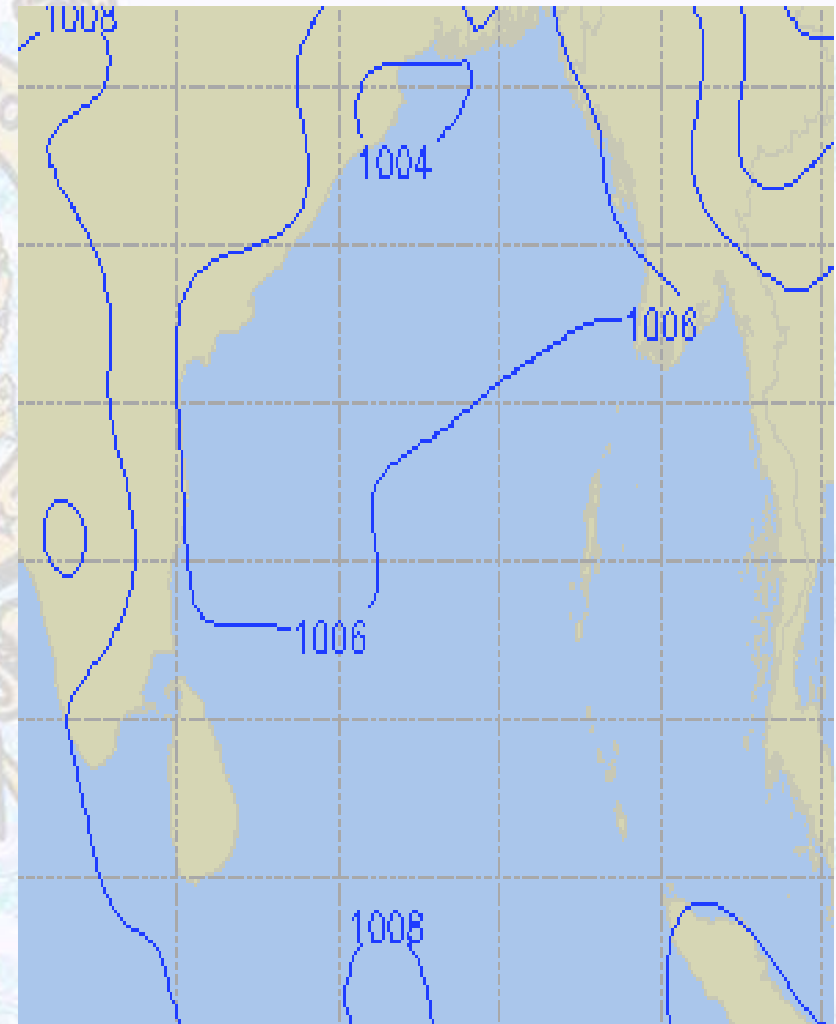


# Surface Pressure forecast– 31 Aug & 01 Sep 2020

31 August 20 Monday



01 Sep 20 Tuesday

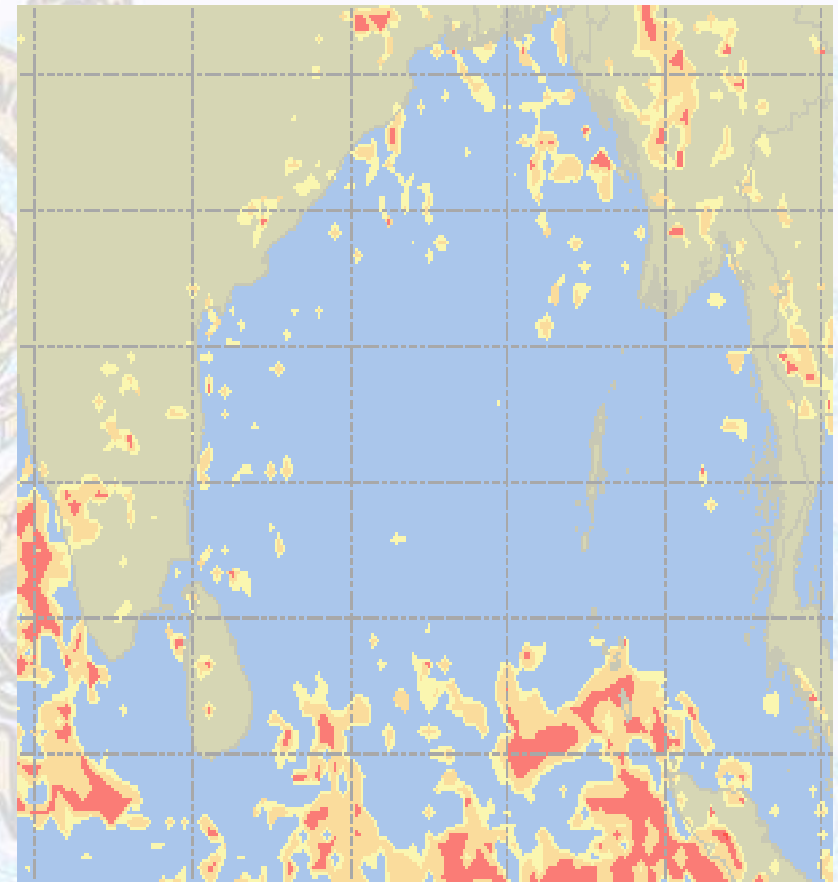
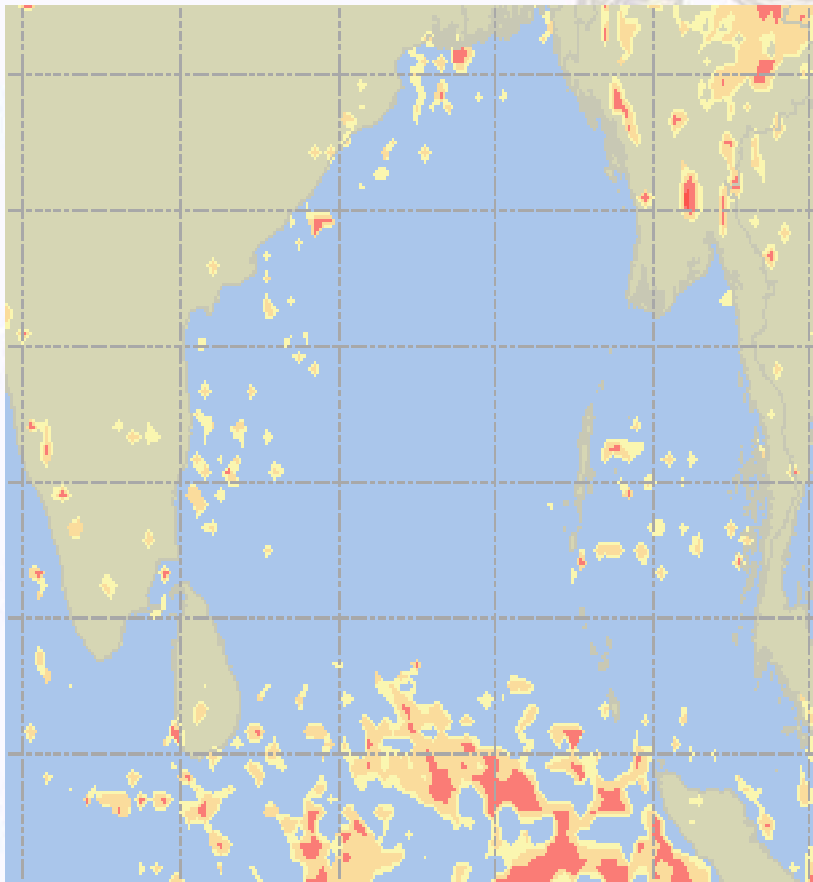




# Visibility at Sea Forecast – 31 Aug & 01 Sep 2020

31 August 20 Monday

01 Sep 20 Tuesday



**Visibility Scale:**



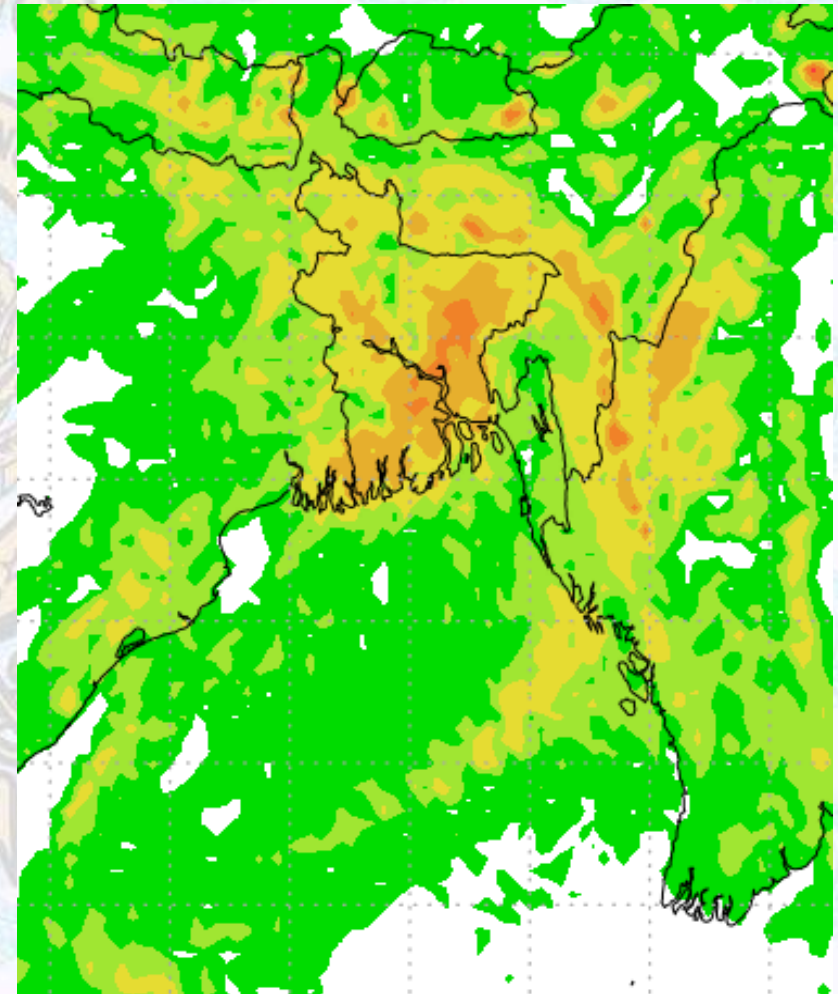
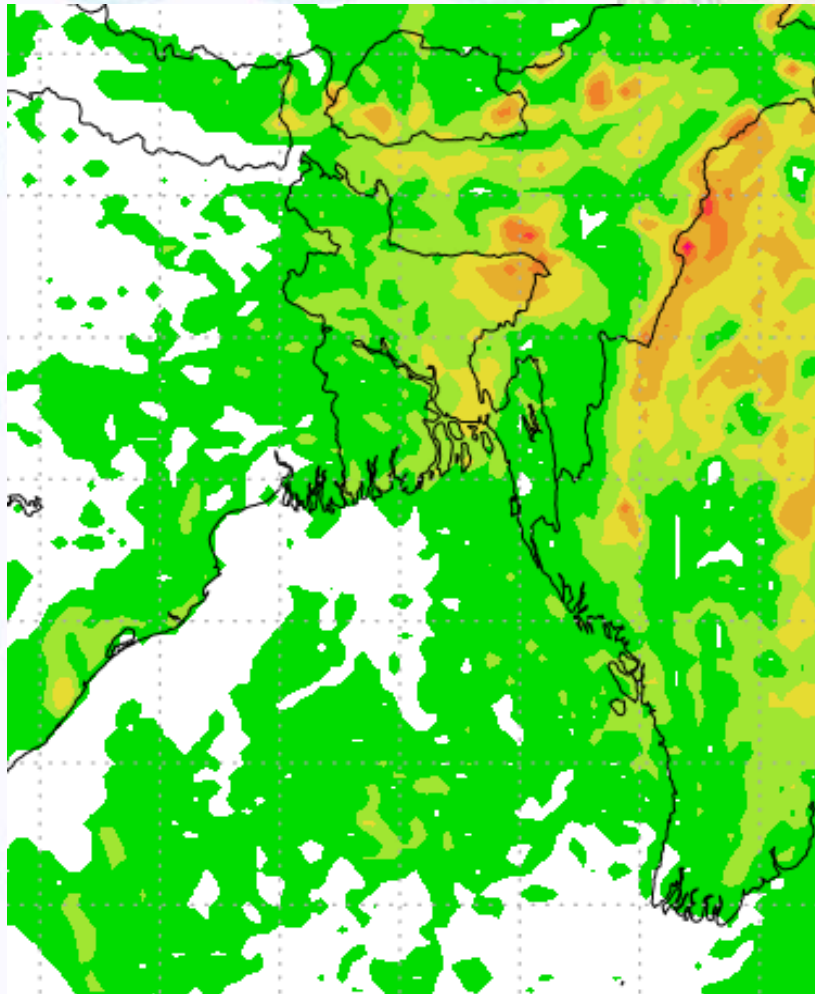
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 31 Aug & 01 Sep 2020

Rain(mm) 01 & 02 Sep 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>31 Aug 2020</b>	0606	1.05		0343	1.12		0328	1.21
	1206	5.01		0929	3.42		0941	3.19
	1840	0.85		1613	1.08		1607	1.14
	-	-		2153	3.27		2204	3.02
<b>01 Sep 2020</b>	Time	Height		Time	Height		Time	Height
	0034	4.85		0430	1.02		0410	1.09
	0648	0.89		1010	3.57		1016	3.27
	1242	5.17		1654	1.00		1641	1.03
	1916	0.75		2230	3.41		2236	3.13
<b>02 Sep 2020</b>	Time	Height		Time	Height		Time	Height
	0106	5.02		0509	0.95		0445	1.01
	0723	0.78		1047	3.68		1047	3.31
	1312	5.29		1731	0.95		1711	0.96
	1948	0.68		2305	3.50		2305	3.20