



# WEATHER FORECAST FOR BN

***19 AUG- 22 AUG 2020***





# WEATHER FORECAST – DHAKA

## 19.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 25	29 / 25	28 / 25	27 / 25
Wind	24 km/h ESE	20 km/h SE	11 km/h SE	10 km/h SE
Humidity	82%	80%	82%	87%
Chance of Precip	57%	34%	68%	45%
Cloud Cover	85%	87%	91%	94%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 35 AM 6: 28 PM			

### Conditions

Pressure : 1000 hpa

Visibility : 4.02 km

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





# WEATHER FORECAST – CHATTOGRAM

## 19.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 26	28 / 26	27 / 25	27 / 26
Wind	20 km/h S	20 km/h S	18 km/h SSE	17 km/h SSE
Humidity	90%	88%	92%	90%
Chance of Precip.	55%	45%	74%	86%
Cloud Cover	90%	92%	96%	94%
Conditions	Light Rain	Light Rain	Rain	Rain
Sunrise	5: 31 AM			
Sunset	6: 21 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 8.07 Km

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



# WEATHER FORECAST – KHULNA

## 19.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	29 / 28	28 / 27	28 / 27
Wind	17 km/h ESE	17 km/h ESE	15 km/h ESE	13 km/h ESE
Humidity	82%	87%	90%	92%
Chance of Precip.	92%	84%	18%	33%
Cloud Cover	92%	95%	90%	86%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Rain	Rain
Sunrise Sunset	5: 40 AM 6: 30 PM			

### Conditions

Pressure : 998 hpa

Visibility : 11.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	20 August 2020	21 August 2020	22 August 2020
<b>Temperature (C)</b>	29°C/ 26°C	29°C/ 26°C	31°C/ 26°C
<b>Summary</b>	Rain	Rain	Light Rain
<b>Sun Rise/Set</b>	5h36m18s/18h27m36s	5h36m42s/18h26m42s	5h37m00s/18h25m42s
<b>Day Length</b>	12h51m18s	12h50m00s	12h48m42s
<b>Moon Rise/ Set</b>	6:35AM 7:41PM	7:39AM 8:22PM	8:42AM 9:02PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 4%	Waxing Crescent, 10%	Waxing Crescent, 19%
<b>Nautical Twilight</b>	04:42, 19:23	04:42, 19:23	04:45, 19:16
<b>Civil Twilight</b>	05:11, 18:55	05:11, 18:55	05:13, 18:48
<b>Humidity</b>	D : 82%    N : 86%	D : 83%    N : 86%	D : 83%    N : 86%
<b>Barometer (mb)</b>	1002	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	90%	80%
<b>Wind (mph)</b>	24 Km/h SE	20 Km/h SSE	11 Km/h S

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	20 August 2020	21 August 2020	22 August 2020
<b>Temperature (C)</b>	30°C/ 26°C	29°C/ 25°C	29°C/ 25°C
<b>Summary</b>	Rain	Light Rain	Rain
<b>Sun Rise/Set</b>	5h32m12s/18h20m12s	5h32m36s/18h19m24s	5h32m48s/18h18m30s
<b>Day Length</b>	12h48m00s	12h46m48s	12h45m42s
<b>Moon Rise/ Set</b>	6:30AM 7:34PM	7:39AM 8:22PM	8:42AM 9:02PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 4%	Waxing Crescent, 10%	Waxing Crescent, 19%
<b>Nautical Twilight</b>	04:38, 19:17	04:38, 19:17	04:42, 19:08
<b>Civil Twilight</b>	05:04, 18:48	05:04, 18:48	05:09, 18:41
<b>Humidity</b>	D : 86% N : 93%	D : 88% N : 93%	D : 88% N : 93%
<b>Barometer (mb)</b>	1003	1007	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	80%	90%
<b>Wind (mph)</b>	27 Km/h SSE	21 Km/h SSE	16 Km/h S

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





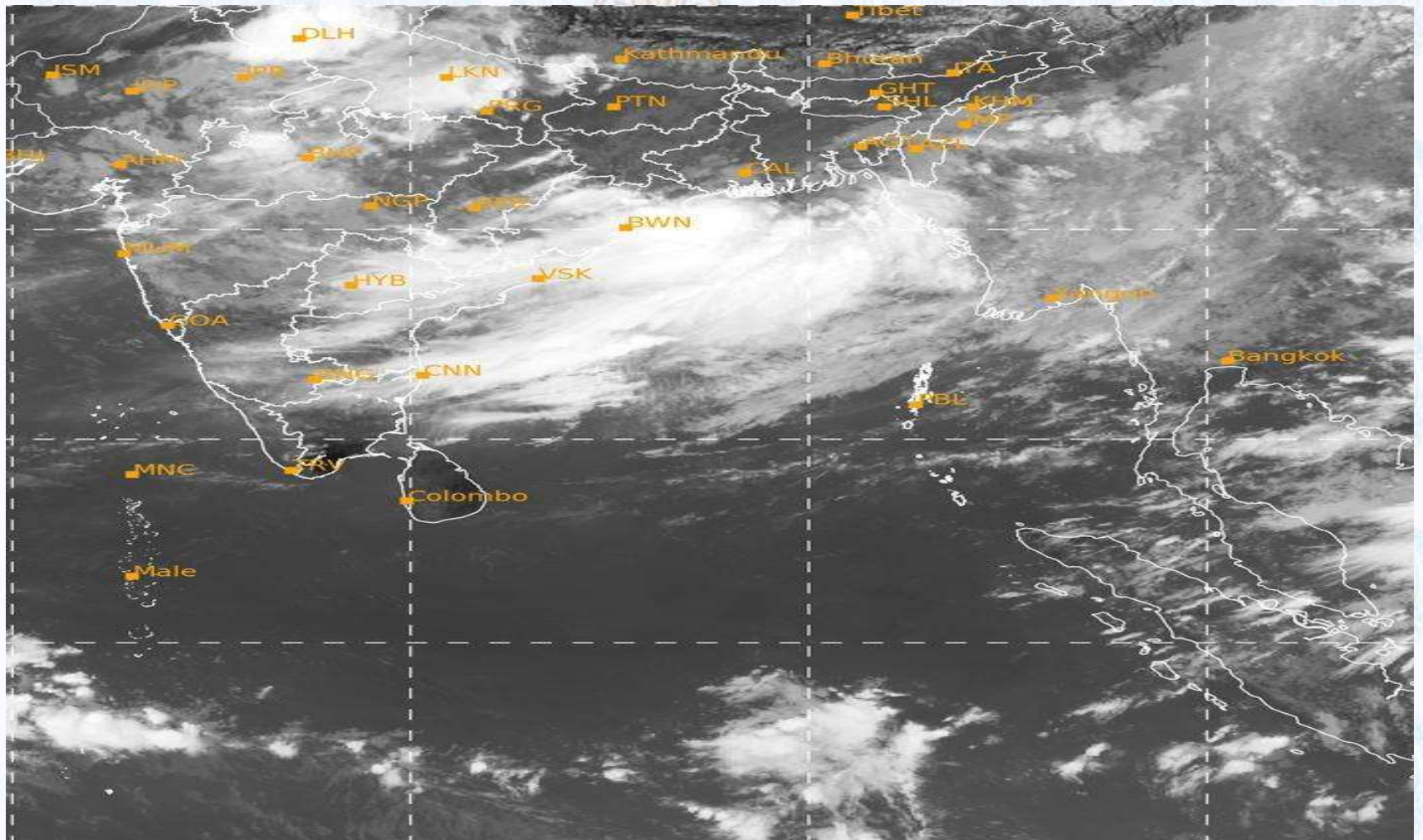
# GENERAL WEATHER FORECAST – KHULNA

Description	20 August 2020	21 August 2020	22 August 2020
<b>Temperature(C)</b>	29°C/ 27°C	30°C/ 27°C	30°C/ 27°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h40m48s/18h29m54s	5h41m12s/18h29m06s	5h41m30s/18h28m06s
<b>Day Length</b>	12h49m06s	12h47m54s	12h46m36s
<b>Moon Rise/Set</b>	6:40AM 7:44PM	7:39AM 8:22PM	8:42AM 9:02PM
<b>Moon Phase/illu</b>	Waxing Crescent, 4%	Waxing Crescent, 10%	Waxing Crescent, 19%
<b>Nautical Twilight</b>	04:47, 19:24	04:47, 19:24	04:50, 19:10
<b>Civil Twilight</b>	05:15, 18:57	05:15, 18:57	05:17, 18:51
<b>Humidity</b>	D : 92% N : 94%	D : 90% N : 93%	D : 90% N : 93%
<b>Barometer (mb)</b>	999	1004	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	90%	90%
<b>Wind (mph)</b>	24 km/h SE	18 km/h S	10 km/h SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



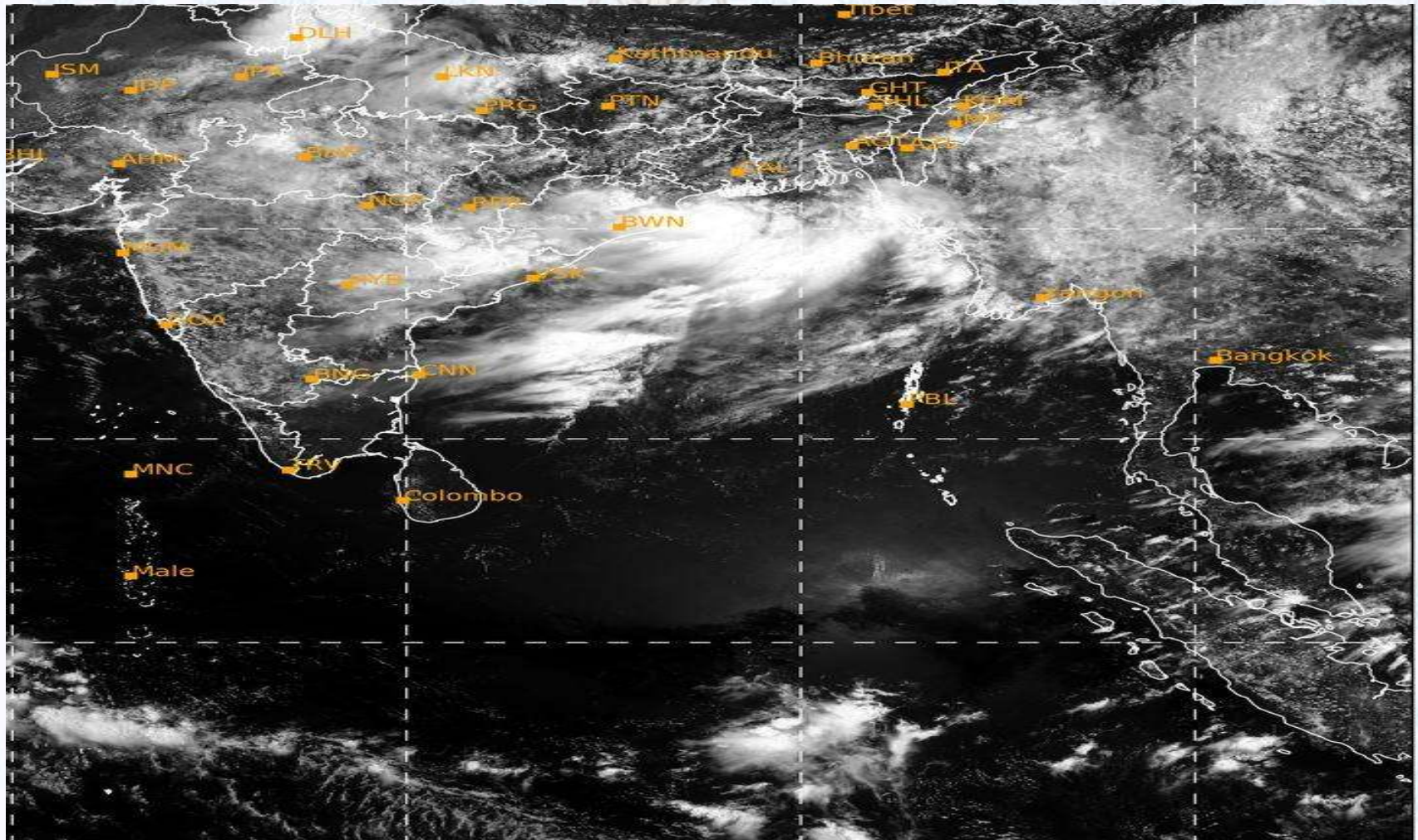
19/08/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



19/08/2020, 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 19.08.2020)

<b>Part One</b>	WARNING BAY OF BENGAL..	
<b>Part Two</b>	A LOW PRESSURE HAS FORMED OVER NORTH-WEST BAY AND ADJOINING GANGETIC WEST BENGAL - BANGLADESH. STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY. MONSOON IS MODERATE TO STRONG OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY, 12-18 KTS, TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO <b>1000</b> M OR LESS IN RAIN/SHOWERS
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 0000 UTC. CHATTOGRAM =1000 HPA





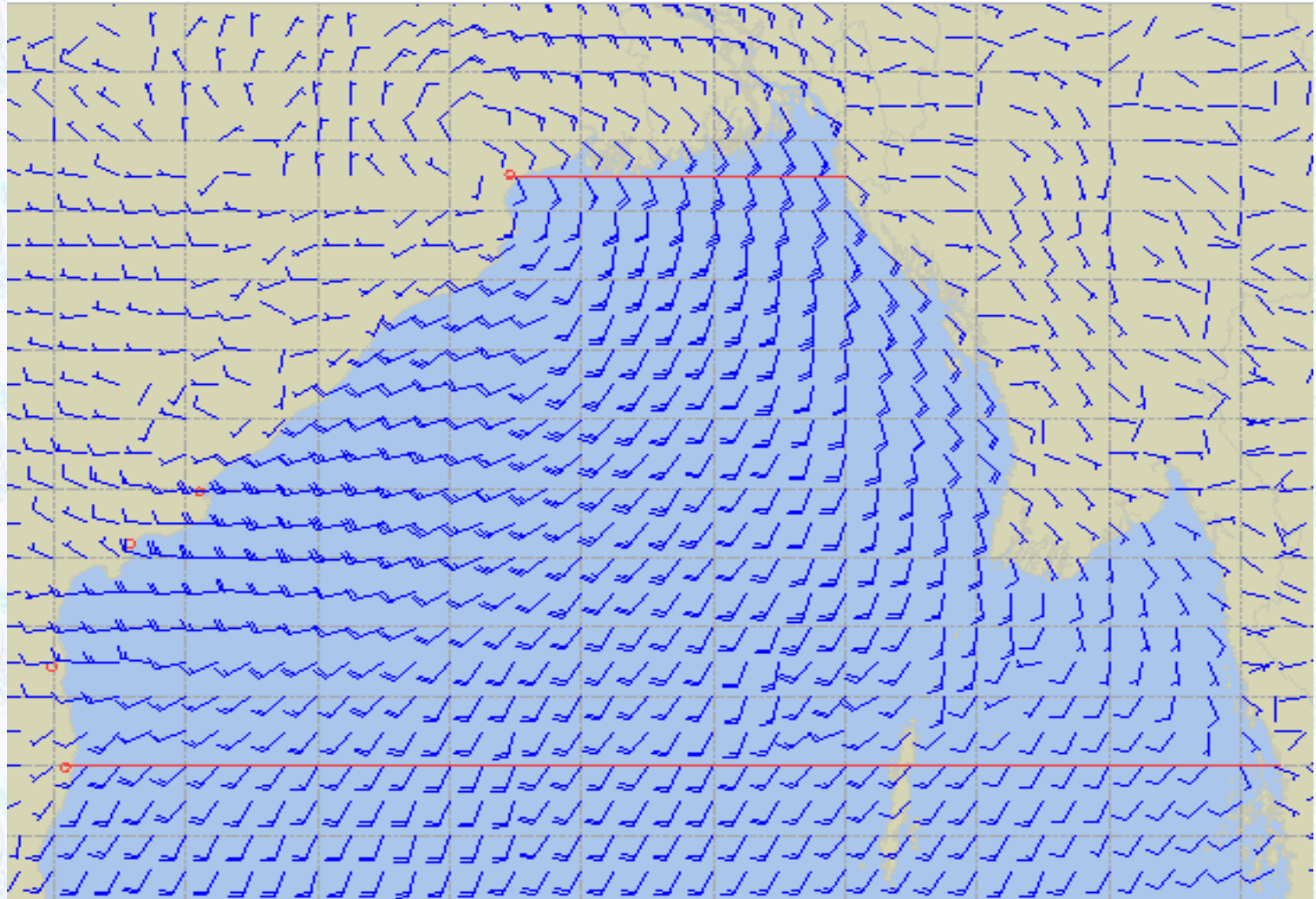
# Inland River Port Warning (VALID TILL 06 PM OF 19.08.2020)

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 PABNA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, KUSHTIA, JASHORE, 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- 20 Aug- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

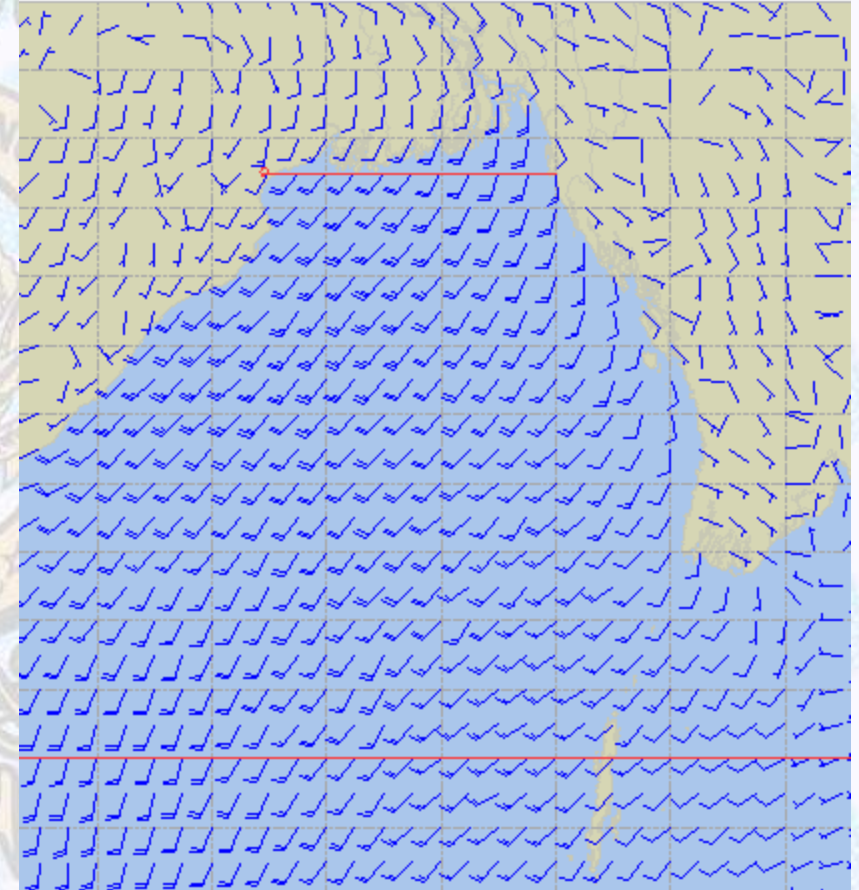
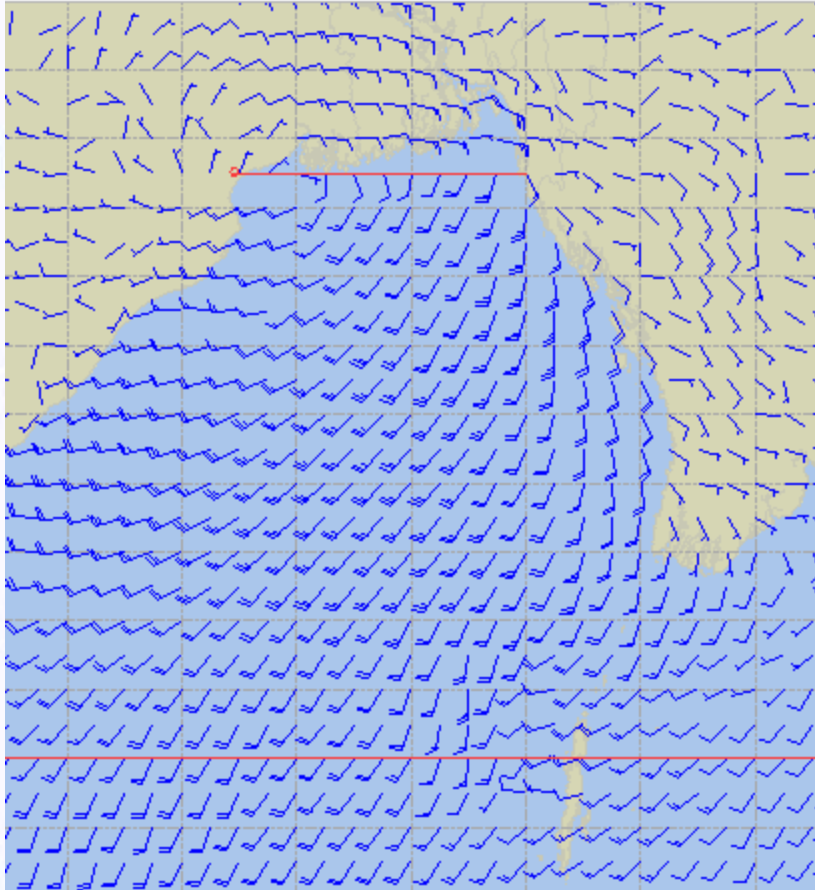




# Surface Wind Forecast – 21 & 22 Aug - 2020

21 August 20 Friday

22 August 20 Saturday



**Legend:**



**Calm  
Winds**



**5 Knots**



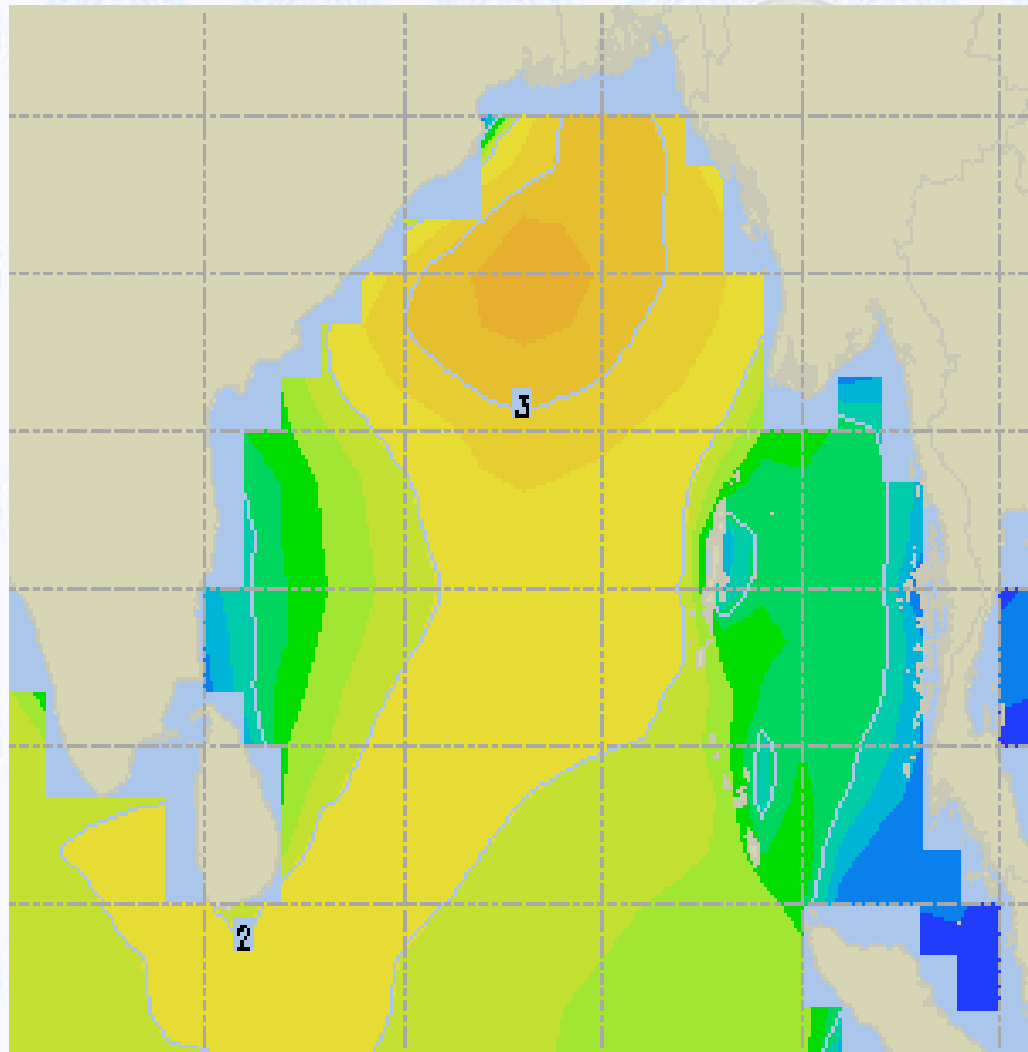
**10 Knots**



**60 Knots**



# Sea State Forecast – 20 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



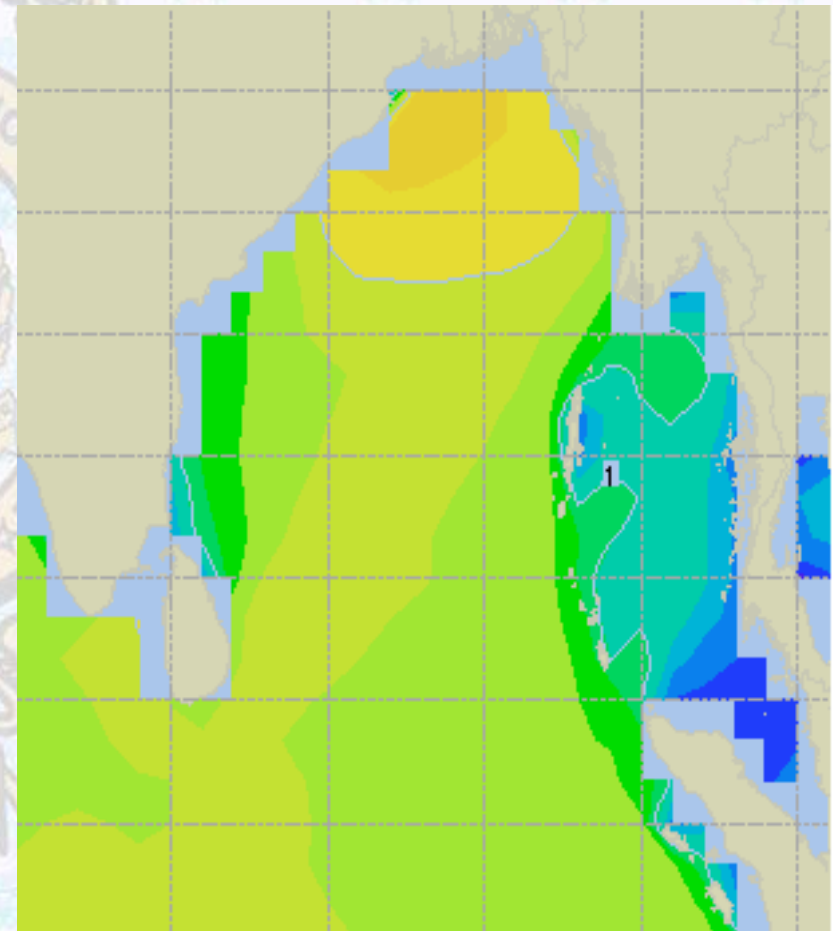
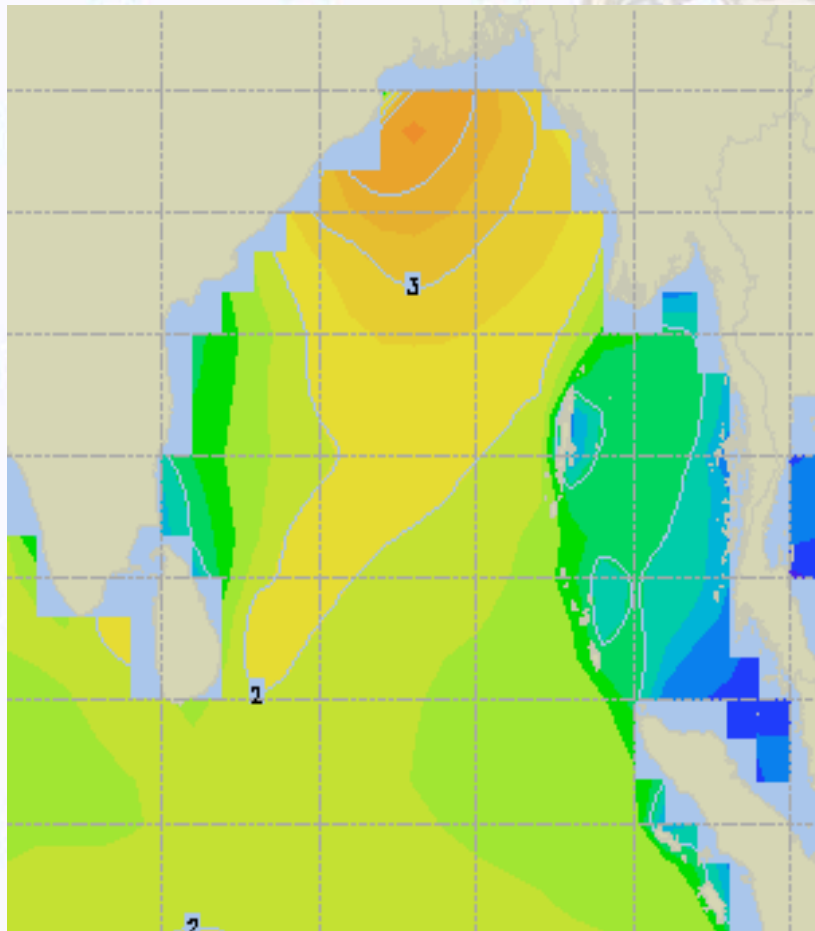




# Sea State Forecast – 21 & 22 Aug - 2020

21 August 20 Friday

22 August 20 Saturday

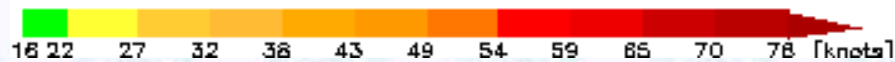
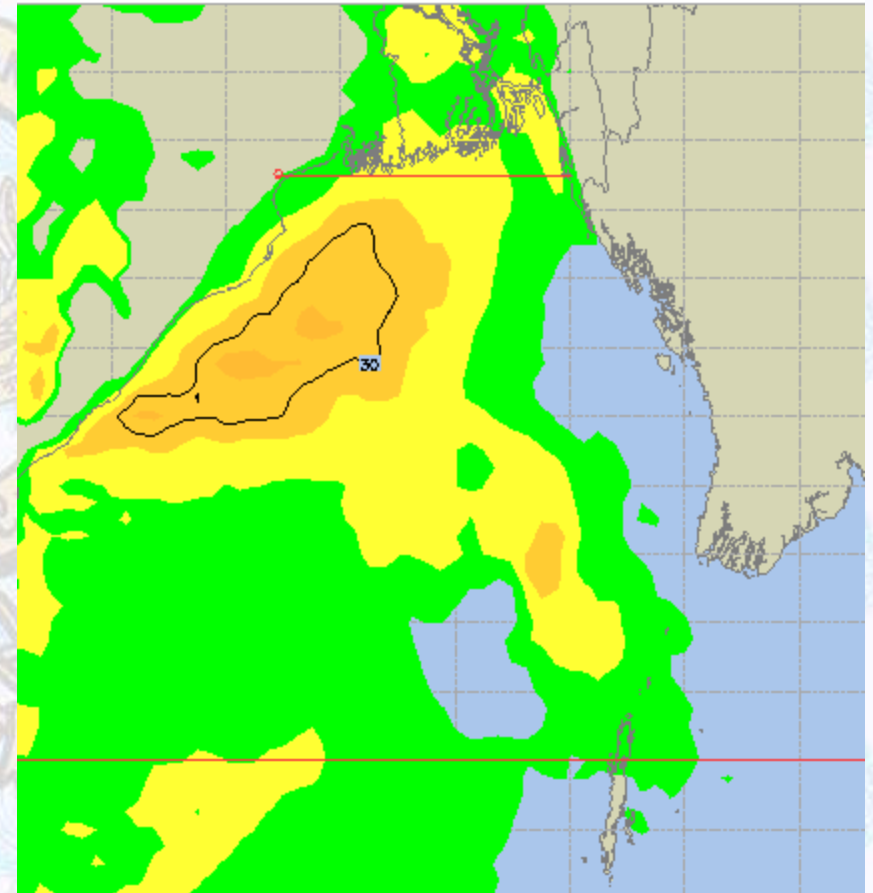
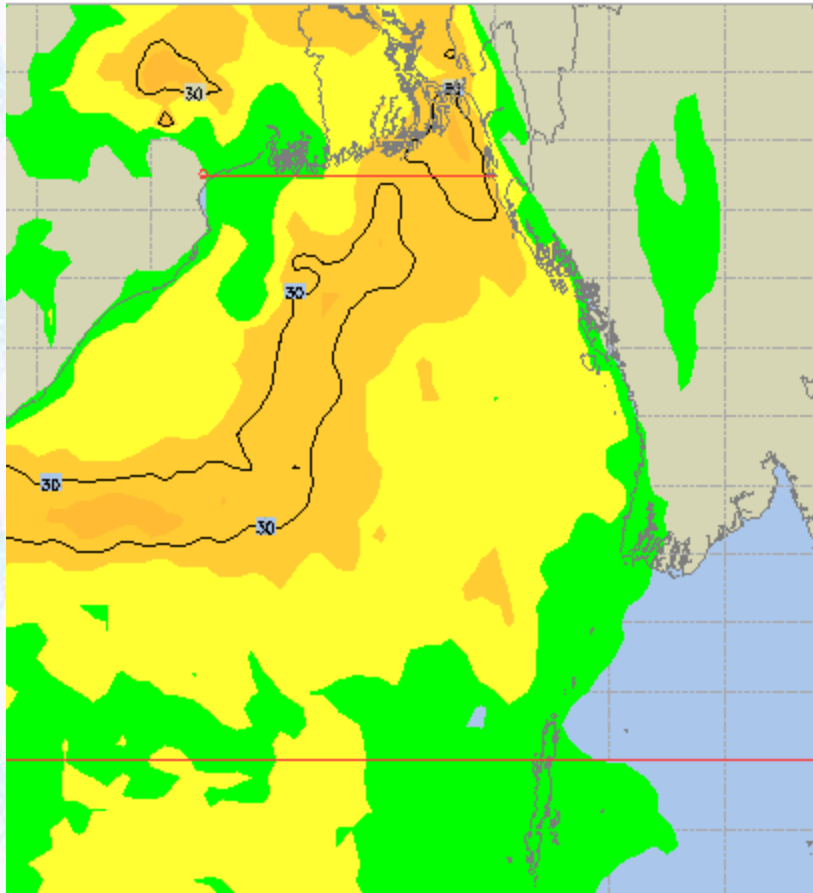




# Peak Gusting Possibilities– 20 & 21 Aug 2020

20 August 20 Thursday

21 August 20 Friday

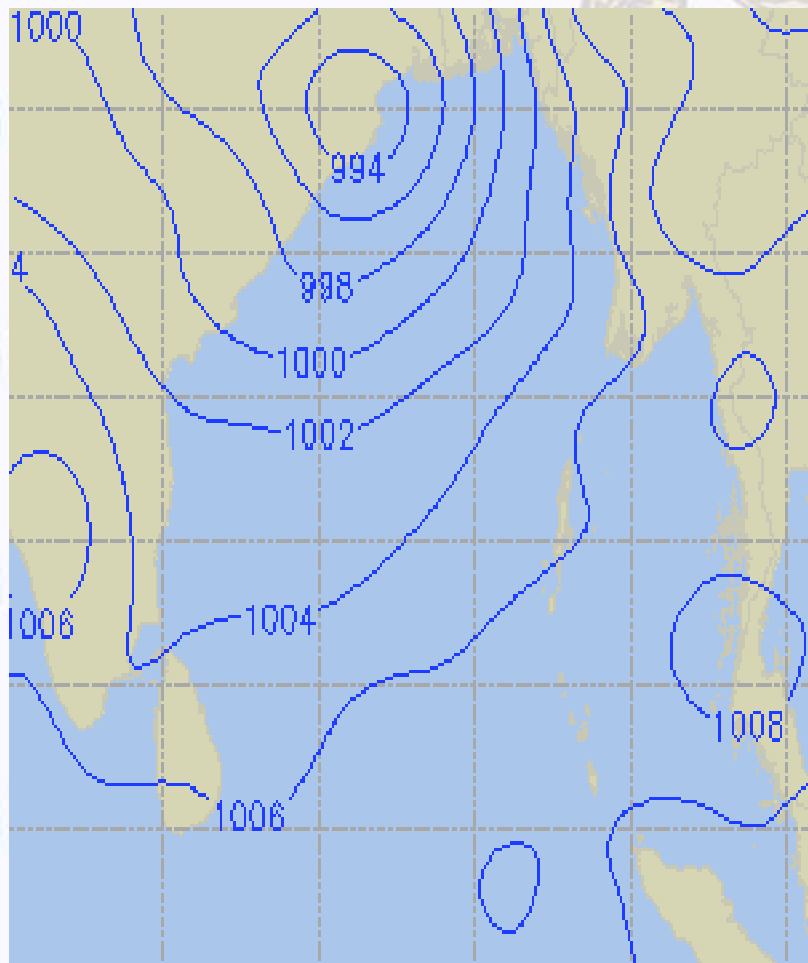




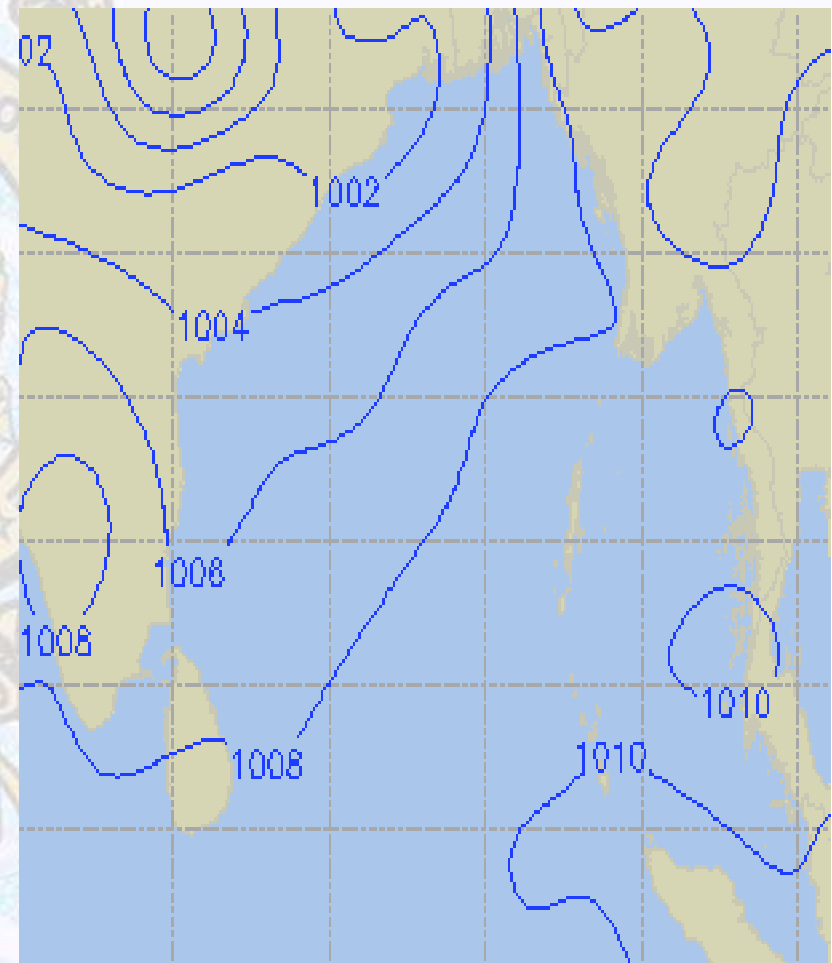


# Surface Pressure forecast– 20 & 21 Aug 2020

20 August 20 Thursday



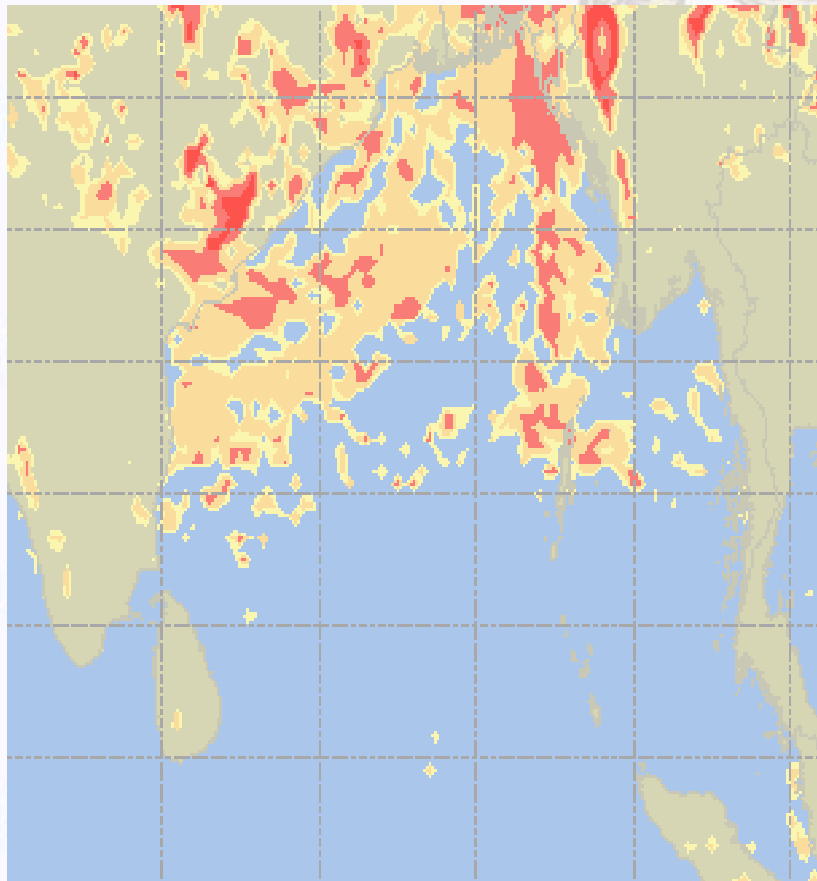
21 August 20 Friday



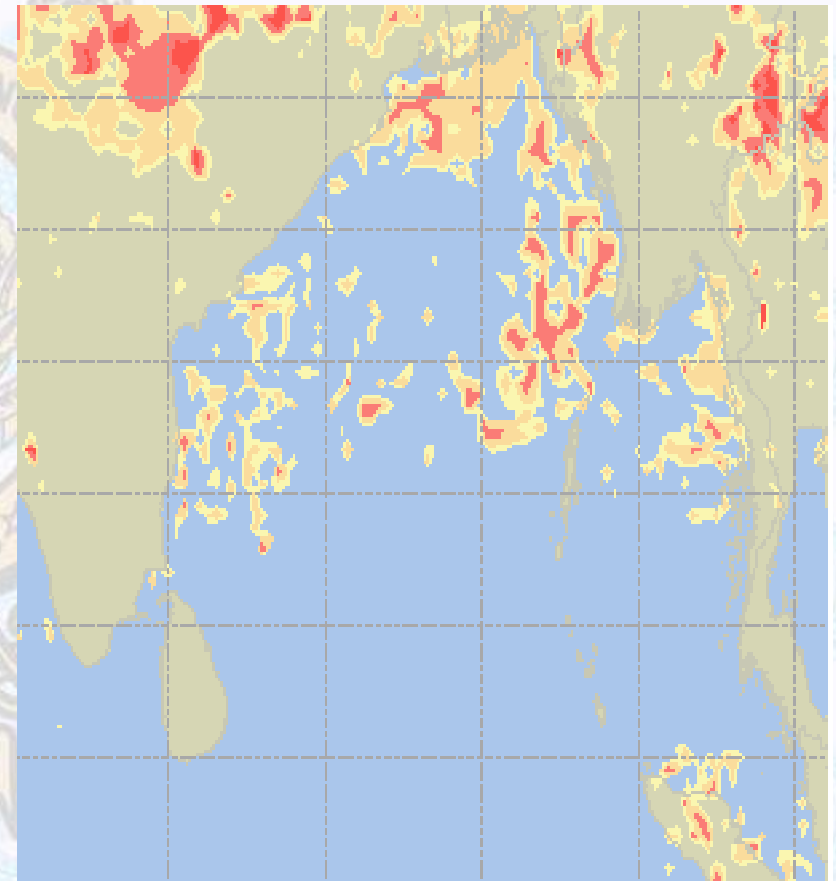


# Visibility at Sea Forecast – 20 & 21 Aug 2020

20 August 20 Thursday



21 August 20 Friday



**Visibility Scale:**



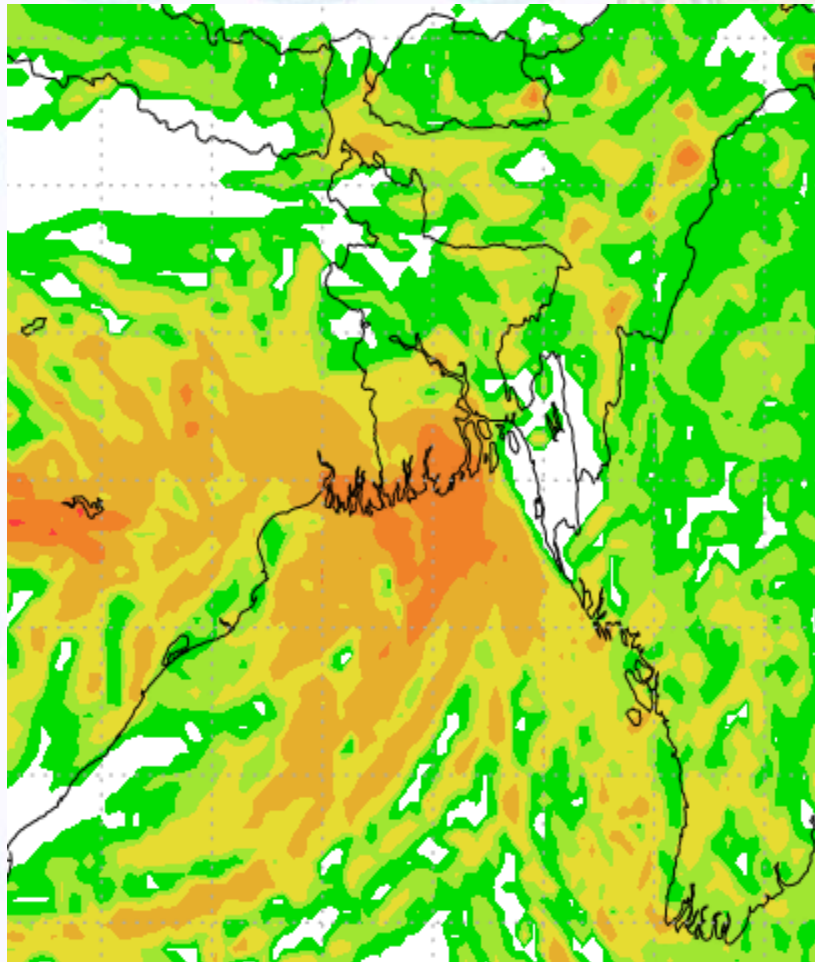
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



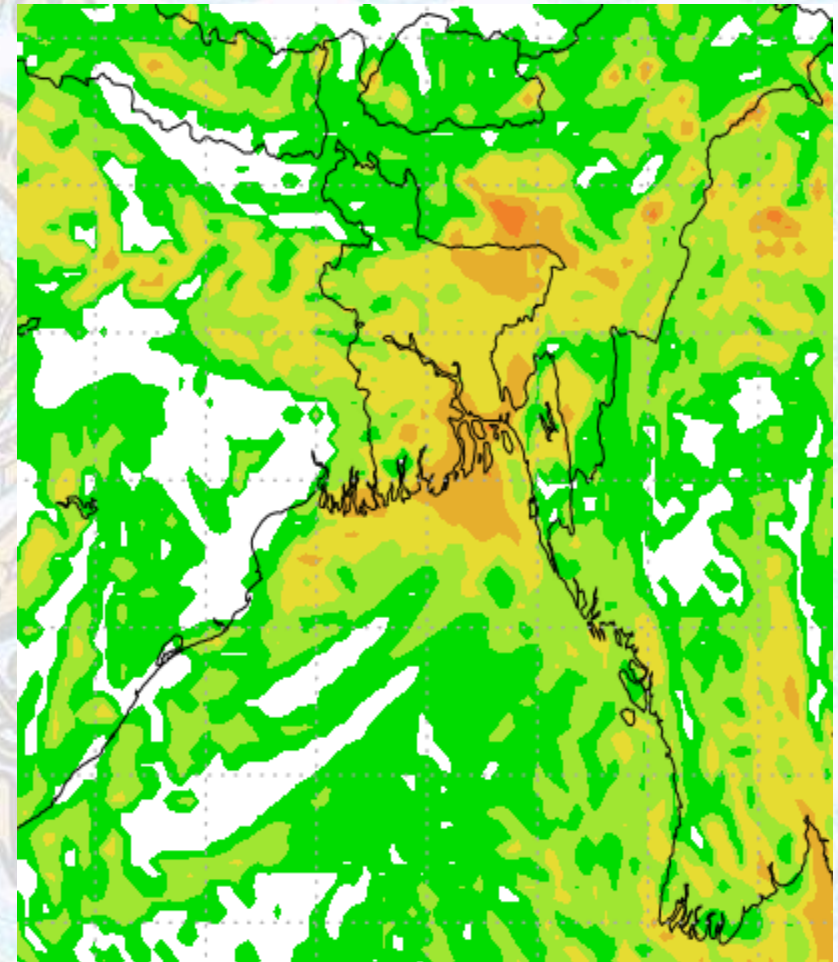


# Precipitation

Rain(mm) 20 & 21 Aug 2020



Rain(mm) 21 & 22 Aug 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>20 Aug 2020</b>	0129	5.24		0544	0.89		0518	0.79
	0758	0.71		1124	4.04		1117	3.56
	1340	5.62		1809	0.88		1750	0.73
	2029	0.65		2339	3.79		2342	3.40
<b>21 Aug 2020</b>	Time	Height		Time	Height		Time	Height
	0206	5.37		0625	0.84		0558	0.75
	0838	0.63		1204	4.02		1155	3.55
	1419	5.56		1849	0.85		1827	0.68
	2106	0.56		-	-		-	-
<b>22 Aug 2020</b>	Time	Height		Time	Height		Time	Height
	0245	5.43		0021	3.77		0021	3.42
	0919	0.61		0706	0.85		0638	0.78
	1500	5.58		1246	3.91		1234	3.47
	2145	0.53		1929	0.87		1904	0.71