



# WEATHER FORECAST FOR BN

*17 JULY - 20 JULY 2020*





# WEATHER FORECAST – DHAKA

## 17.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	32 / 26	30 / 25	29 / 25
Wind	14 km/h SSW	13 km/h S	13 km/h S	12 km/h S
Humidity	72%	72%	78%	81%
Chance of Precip	68%	44%	24%	12%
Cloud Cover	78%	85%	92%	88%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 21 AM 6: 48 PM			

### Conditions

Pressure : 1003 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 17.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	28 / 26	28 / 26
Wind	14 km/h SSW	14 km/h SSW	11 km/h S	10 km/h SSE
Humidity	84%	84%	88%	91%
Chance of Precip.	51%	55%	44%	56%
Cloud Cover	82%	87%	89%	93%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 18 AM			
Sunset	6: 39 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 14.48 Km

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



# WEATHER FORECAST – KHULNA

## 17.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 28	32 / 27	30 / 27	29 / 27
Wind	15 km/h S	16 km/h S	12 km/h S	9 km/h SSE
Humidity	76%	74%	84%	87%
Chance of Precip.	18%	10%	6%	11%
Cloud Cover	68%	65%	68%	74%
Conditions	Cloudy	Cloudy	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 26 AM 6: 49 PM			

### Conditions

Pressure : 1002 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	18 July 2020	19 July 2020	20 July 2020
<b>Temperature (C)</b>	33 °C/ 27 °C	32 °C/ 27 °C	31 °C/ 27 °C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h21m42s/18h47m54s	5h22m18s/18h47m36s	5h22m42s/18h47m18s
<b>Day Length</b>	13h26m12s	13h25m18s	13h24m36s
<b>Moon Rise/ Set</b>	2:52 PM 4:46 AM	3:43 PM 5:43 AM	4:39 PM 6:39 AM
<b>Moon Phase/ illu</b>	Waning Crescent, 4%	Waning Crescent, 1%	New Moon, 0%
<b>NauticalTwilight</b>	0427,1941	0427,1941	0428,1941
<b>Civil Twilight</b>	0456,1912	0457,1911	0457,1911
<b>Humidity</b>	D : 74% N : 82%	D : 74% N : 82%	D : 77% N : 84%
<b>Barometer (mb)</b>	1004	1005	1003
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	80%	90%
<b>Wind (mph)</b>	15 Km/h SSW	17 Km/h SSW	18 Km/h SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	18 July 2020	19 July 2020	20 July 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	30 °C/ 25 °C	29 °C/ 26 °C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h18m54s/18h39m18s	5h19m24s/18h39m00s	5h19m48s/18h38m48s
<b>Day Length</b>	13h20m24s	13h19m19s	13h19m00s
<b>Moon Rise/ Set</b>	2:49 PM 4:37 AM	3:40 PM 5:34 AM	4:36 PM 6:30 AM
<b>Moon Phase/ illu</b>	Waning Crescent, 4%	Waning Crescent, 1%	New Moon, 0%
<b>NauticalTwilight</b>	0425, 1932	0425, 1932	0426, 1931
<b>Civil Twilight</b>	0454, 1903	0454, 1903	0455, 1902
<b>Humidity</b>	D : 85% N : 93%	D : 87% N : 94%	D : 89% N : 94%
<b>Barometer (mb)</b>	1005	1006	1006
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	90%	90%
<b>Wind (mph)</b>	12 Km/h S	15 Km/h S	14 Km/h S

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



# GENERAL WEATHER FORECAST – KHULNA

Description	18 July 2020	19 July 2020	20 July 2020
<b>Temperature(C)</b>	33°C/ 27°C	33°C/ 27°C	32°C/ 27°C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h27m00s/18h49m30s	5h27m36s/18h49m12s	5h27m54s/18h48m54s
<b>Day Length</b>	13h22m30s	13h21m36s	13h21m00s
<b>Moon Rise/Set</b>	2:59 PM 4:48 AM	3:50 PM 5:45 AM	4:46 PM 6:40 AM
<b>Moon Phase/illu</b>	Waning Crescent, 4%	Waning Crescent, 1%	New Moon, 0%
<b>Nautical Twilight</b>	0433, 1942	0433, 1942	0434, 1942
<b>Civil Twilight</b>	0502, 1913	0502, 1913	0503, 1912
<b>Humidity</b>	D : 77%    N : 83%	D : 76%    N : 84%	D : 79%    N : 86%
<b>Barometer (mb)</b>	1004	1005	1004
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	60%	60%	90%
<b>Wind (mph)</b>	15 km/h S	17 km/h SSW	18 km/h SSW

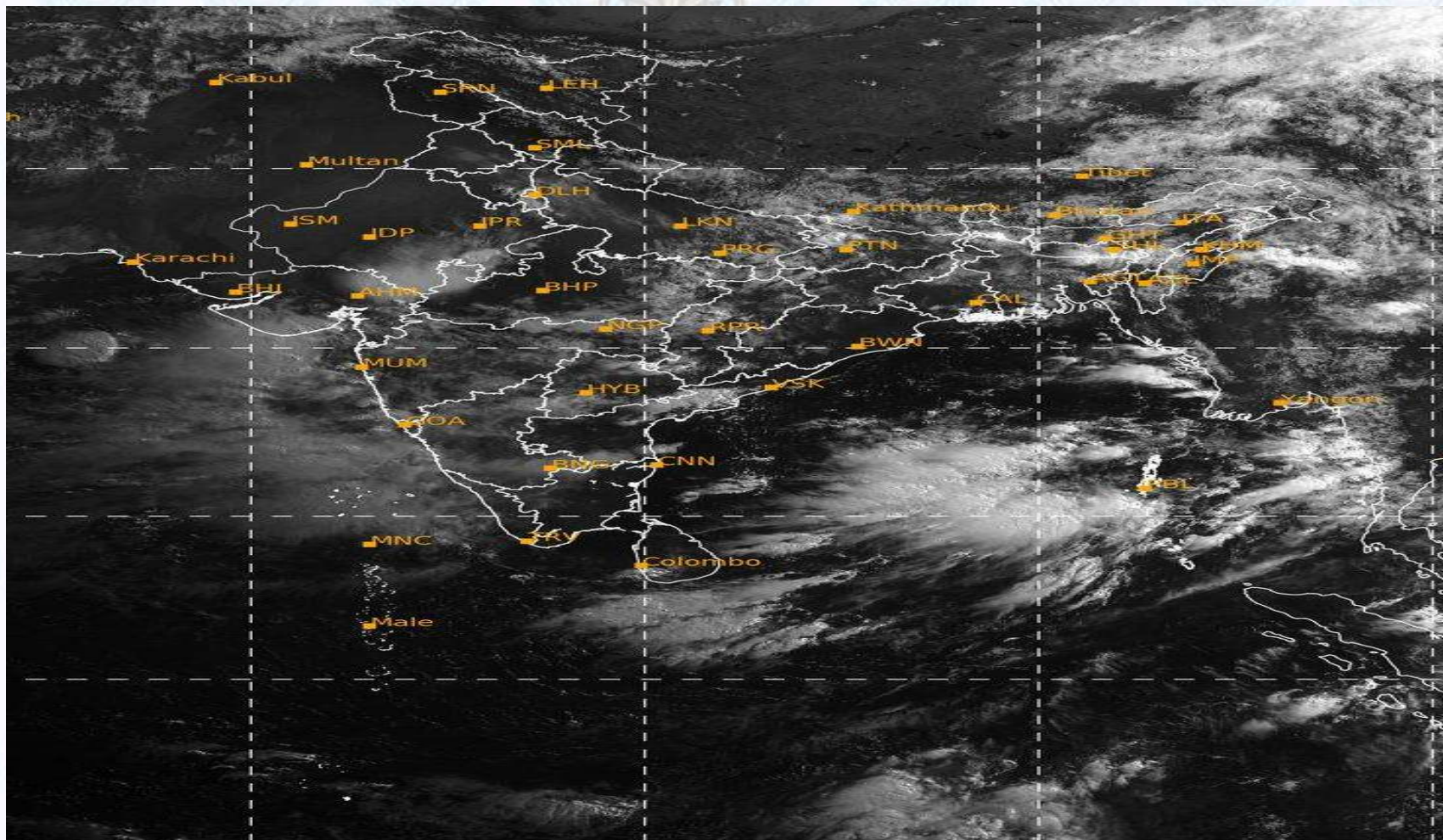
Ref: <https://weather.com/weather/5day//BGXX0005:1:BG>







# SATELLITE VIEW OF BAY OF BENGAL



17/07/2020, 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 17.07.2020)

<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	TEMPORARY RAIN/T. SHOWERS OVER AREA C-90.
	Wind	SOUTH /SOUTH- WESTERLY, 10-15 KTS. TEMPORARY GUSTING TO 25
	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 =1002 HPA



# Inland River Port Warning (VALID TILL 07 PM OF 17.07.2020)

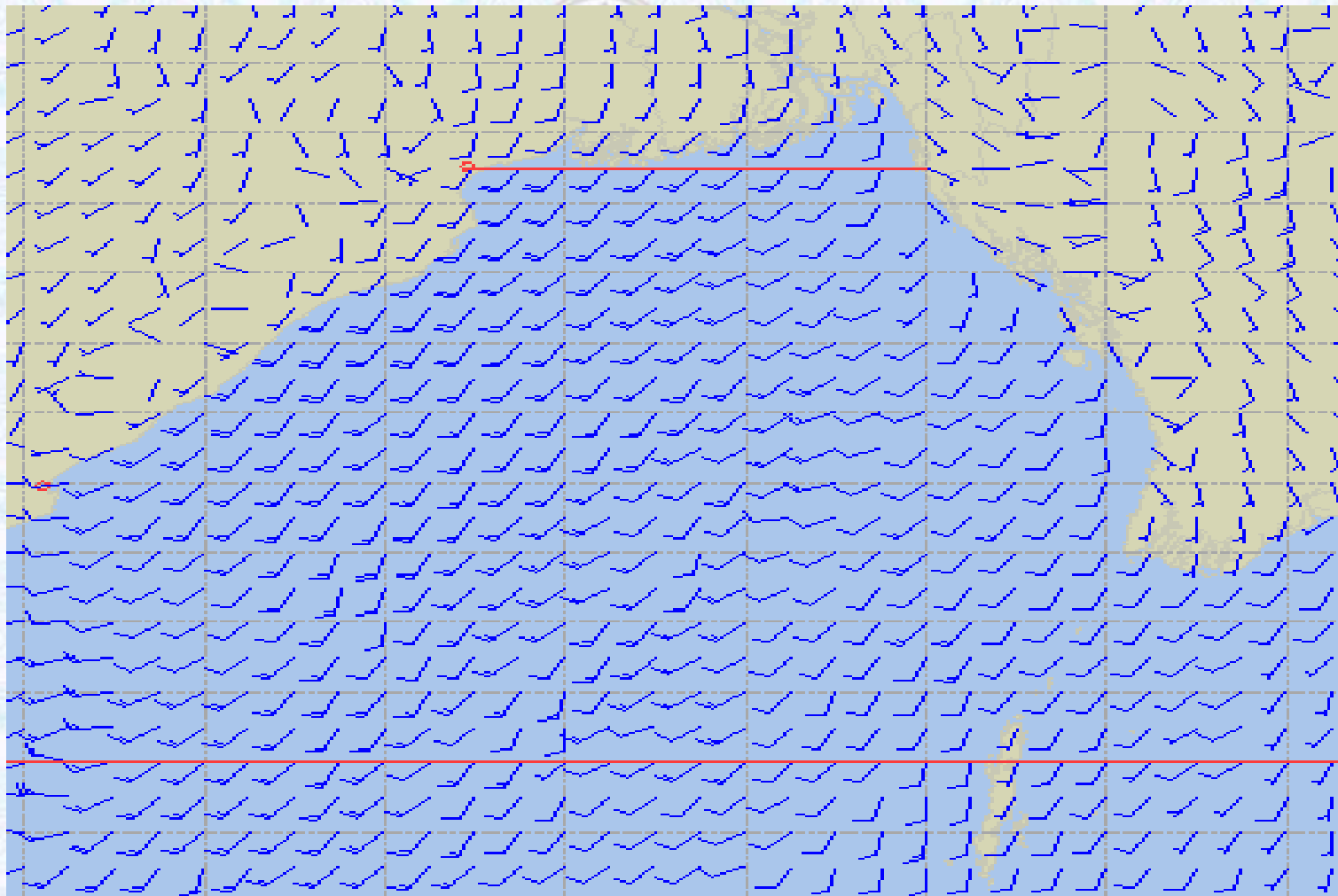
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 18 July- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



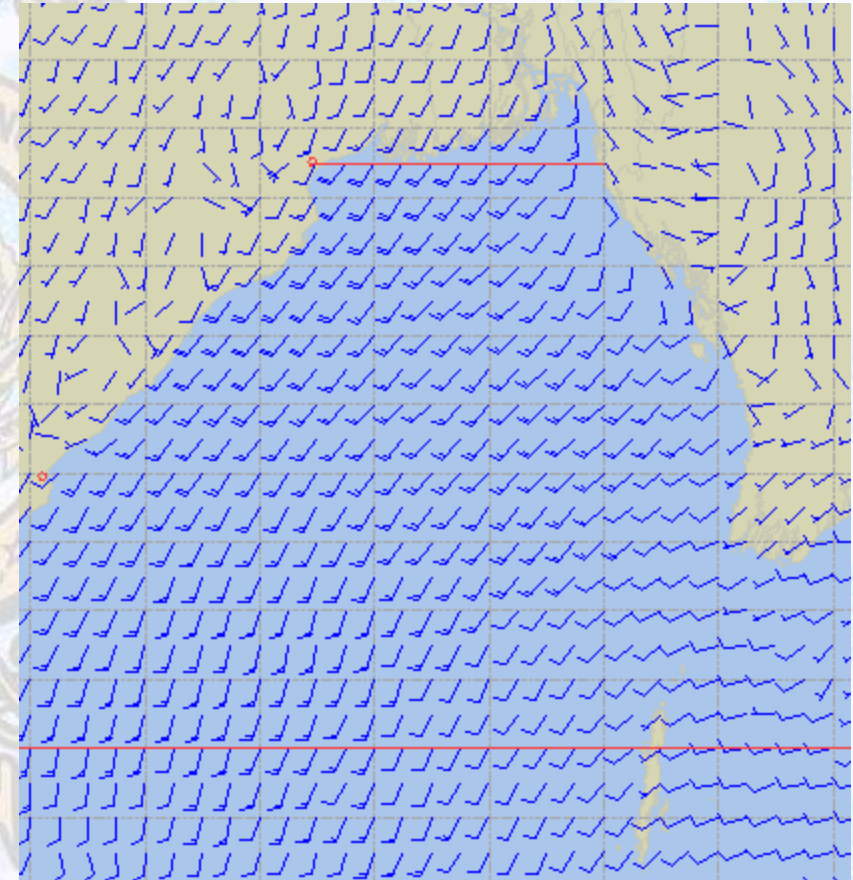
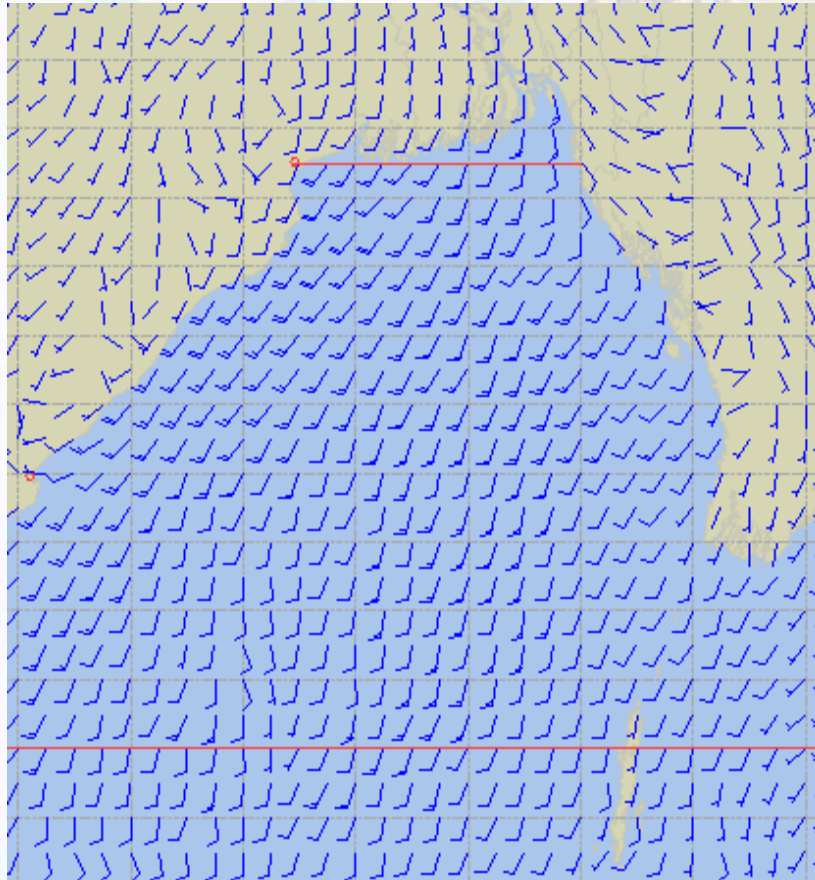
**60 Knots**



# Surface Wind Forecast – 19 & 20 July - 2020

19 July 2020 Sunday

20 July 2020 Monday



**Legend:**



**Calm  
Winds**



**5 Knots**



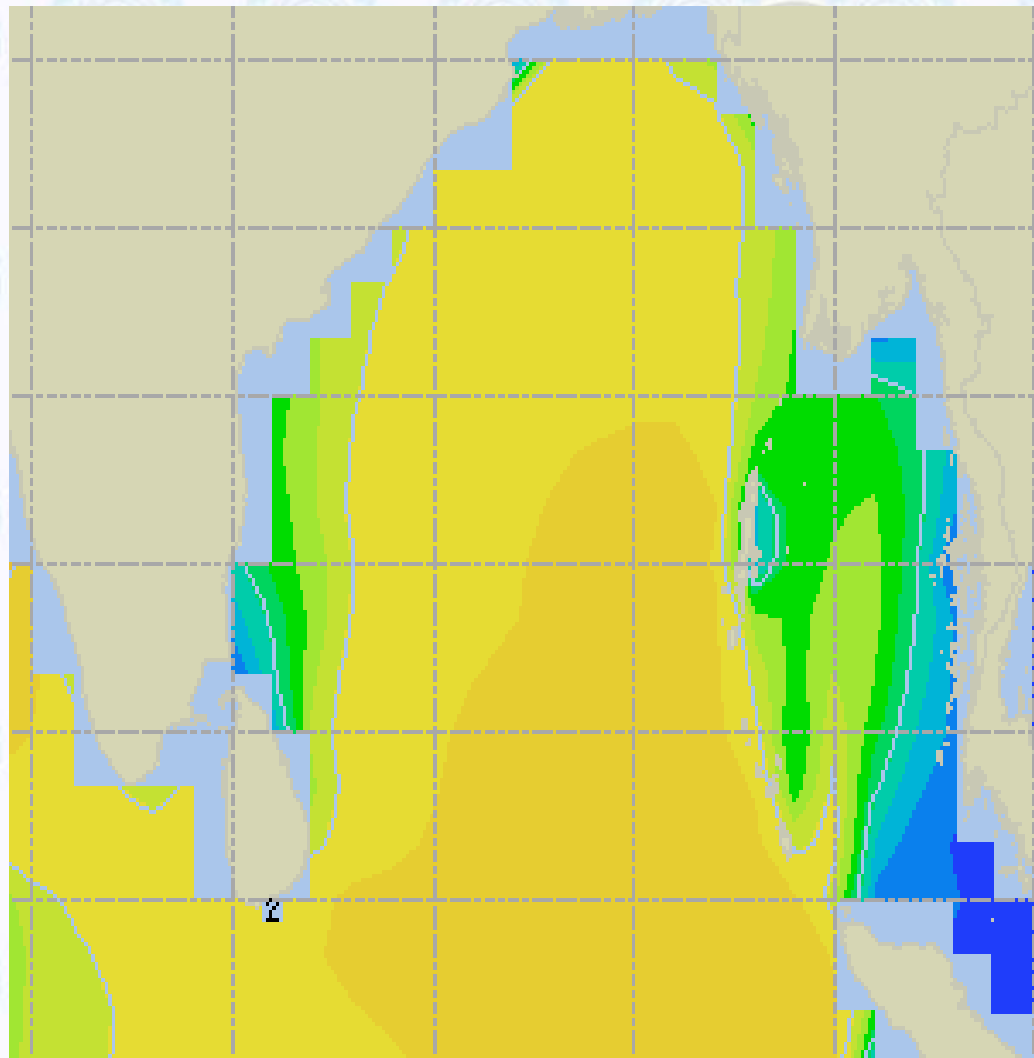
**10 Knots**



**60 Knots**



# Sea State Forecast – 18 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

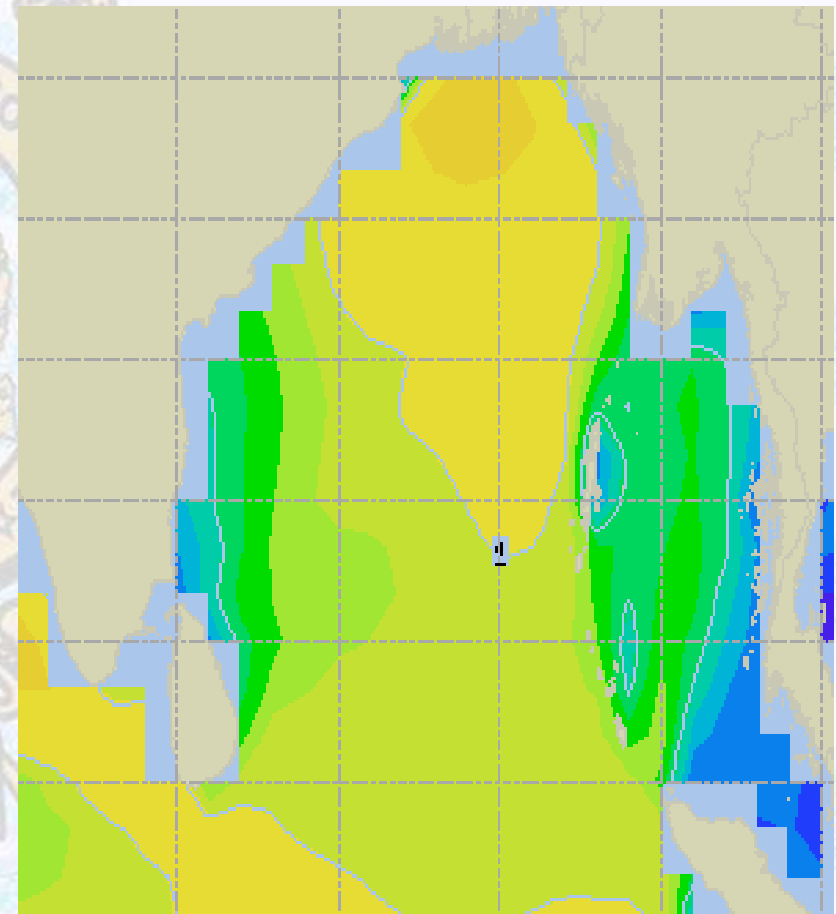
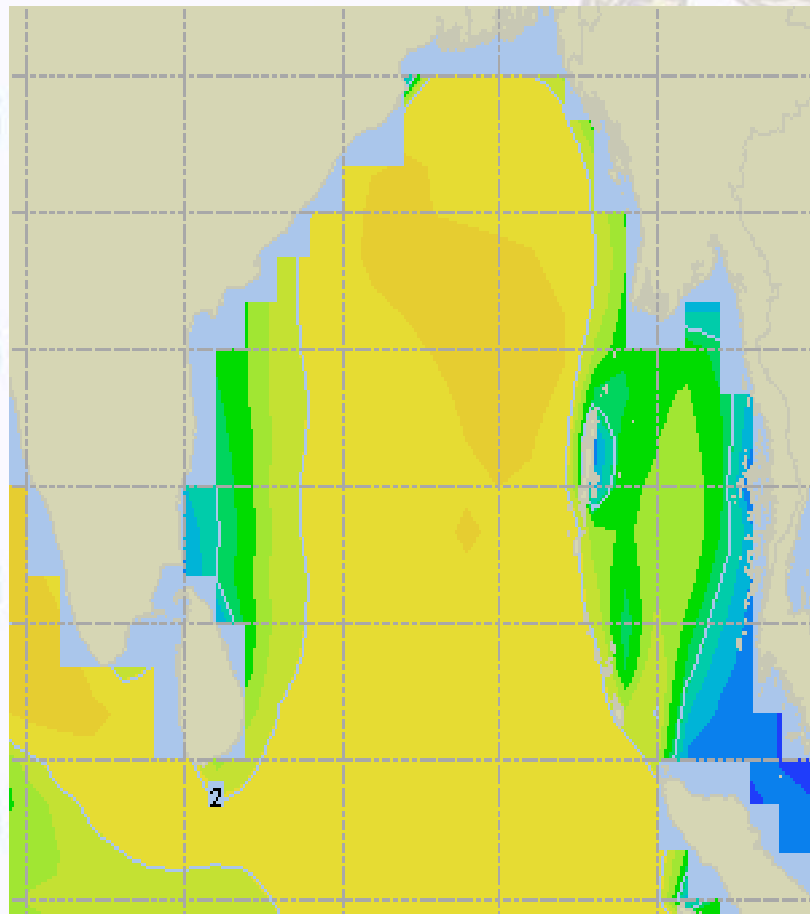




# Sea State Forecast – 19 & 20 July - 2020

19 July 2020 Sunday

20 July 2020 Monday

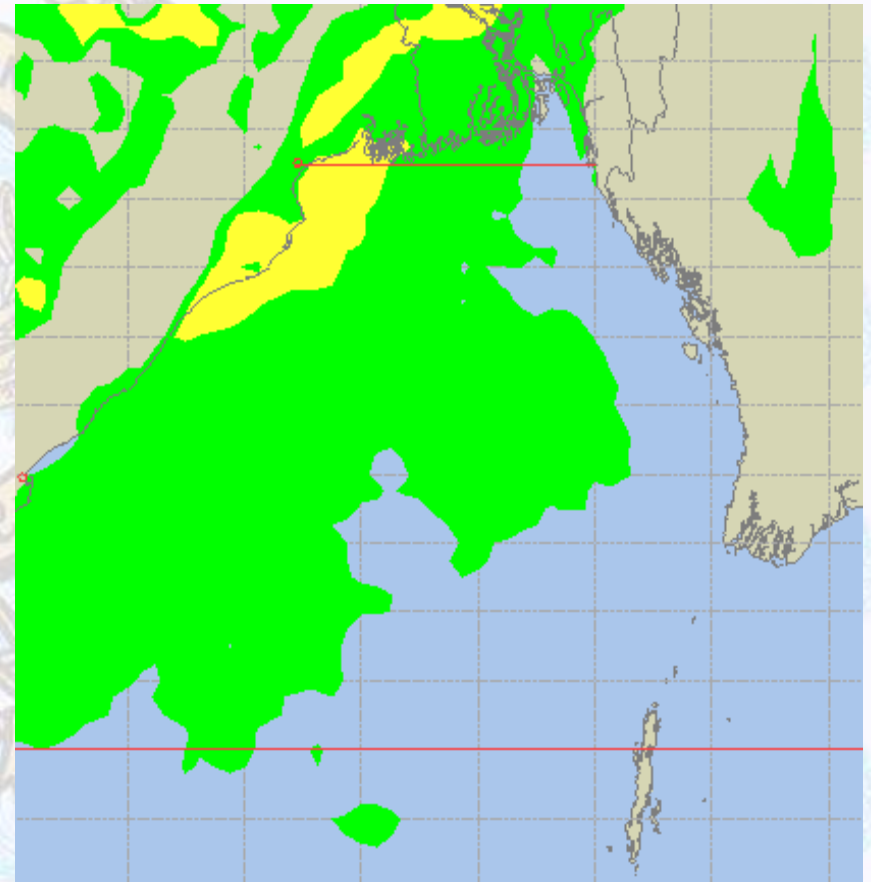
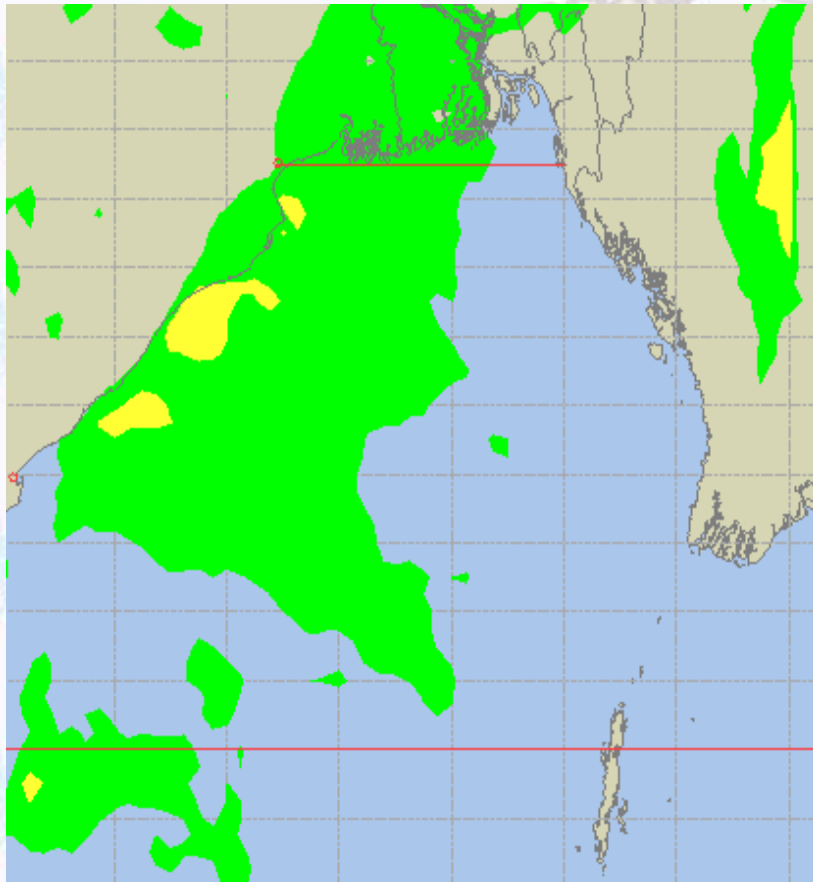




# Peak Gusting Possibilities— 18 & 19 July 2020

18 July 2020 Saturday

19 July 2020 Sunday

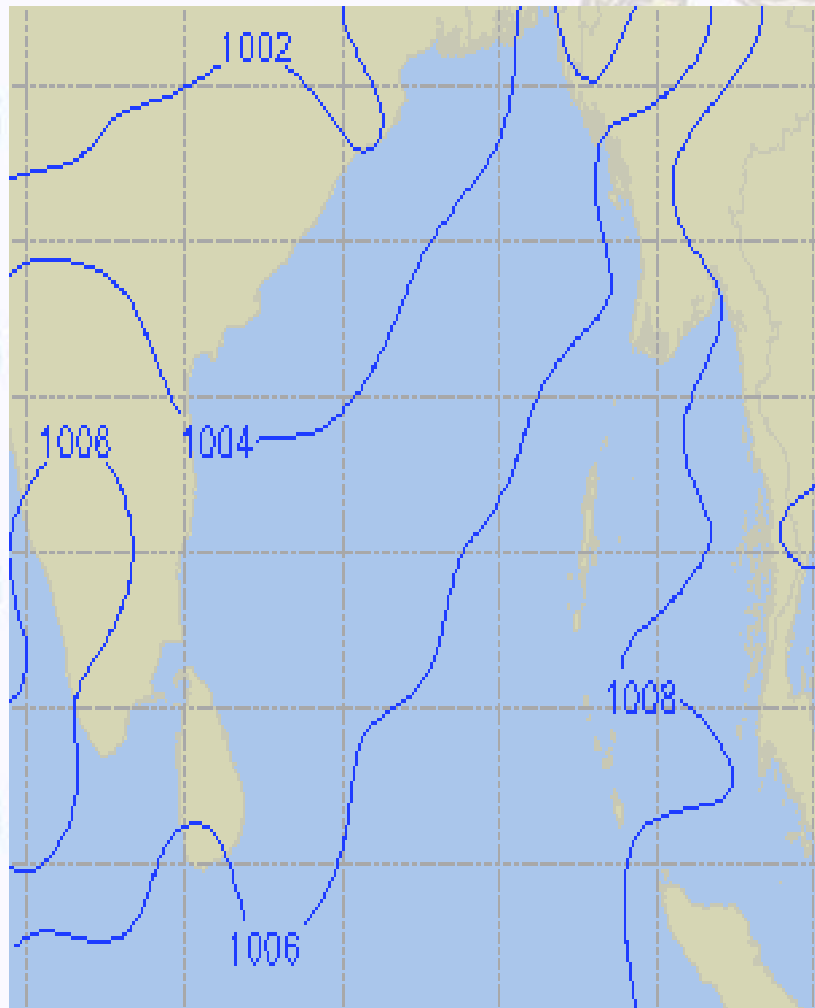




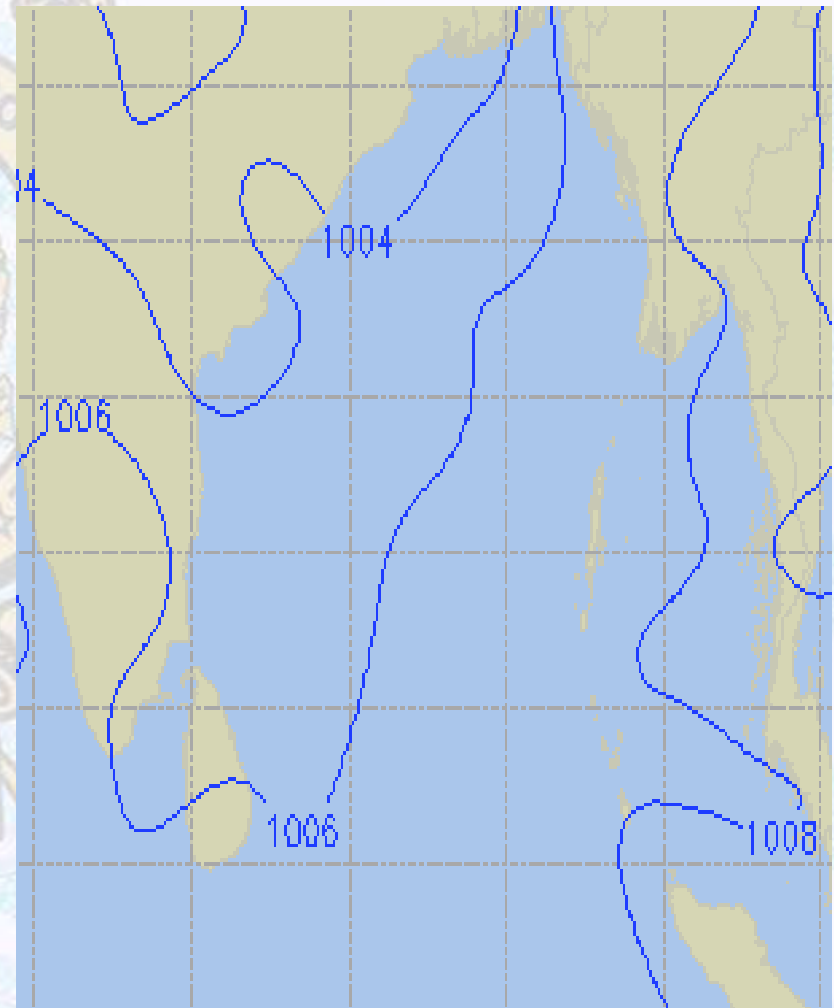


# Surface Pressure forecast– 18 & 19 July 2020

18 July 2020 Saturday



19 July 2020 Sunday

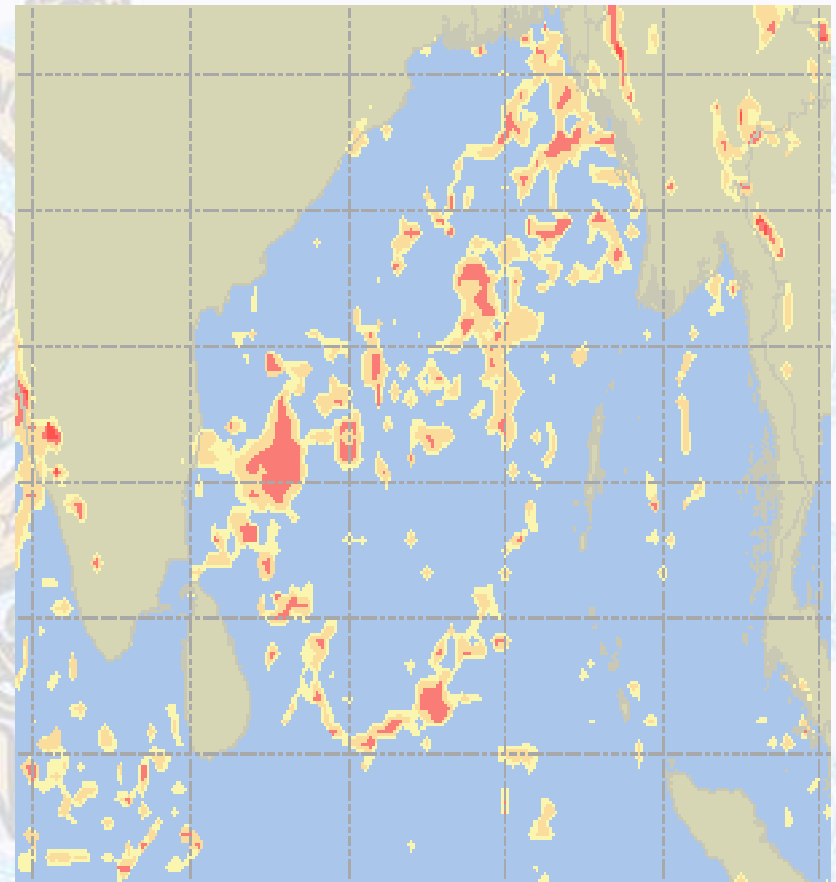
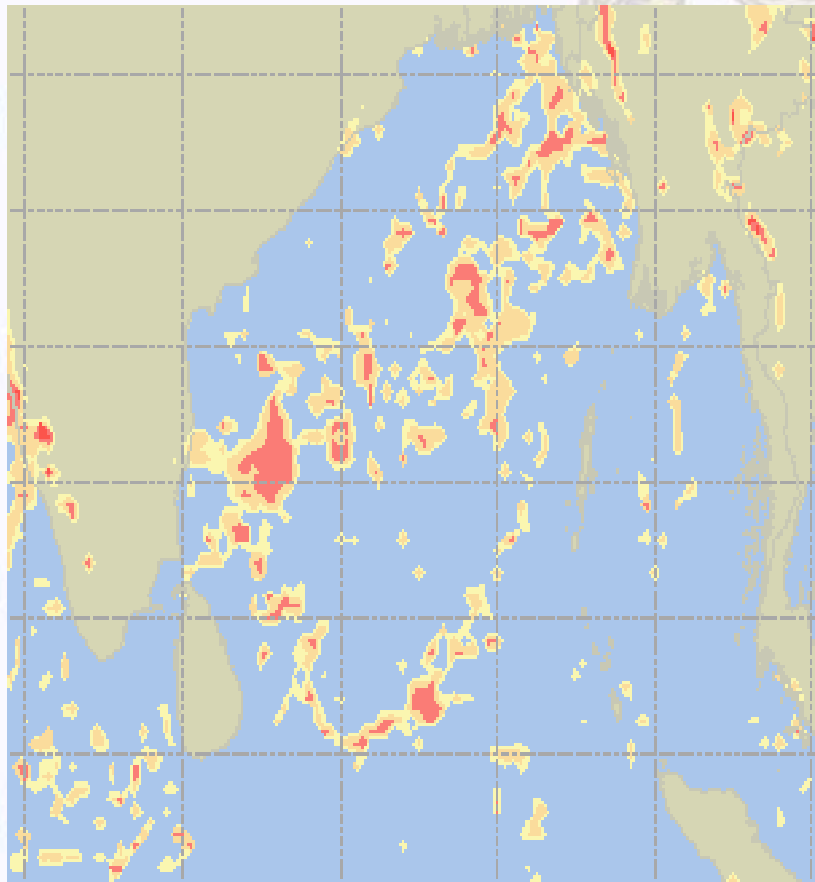




# Visibility at Sea Forecast – 18 & 19 July- 2020

18 July 2020 Saturday

19 July 2020 Sunday



**Visibility Scale:**

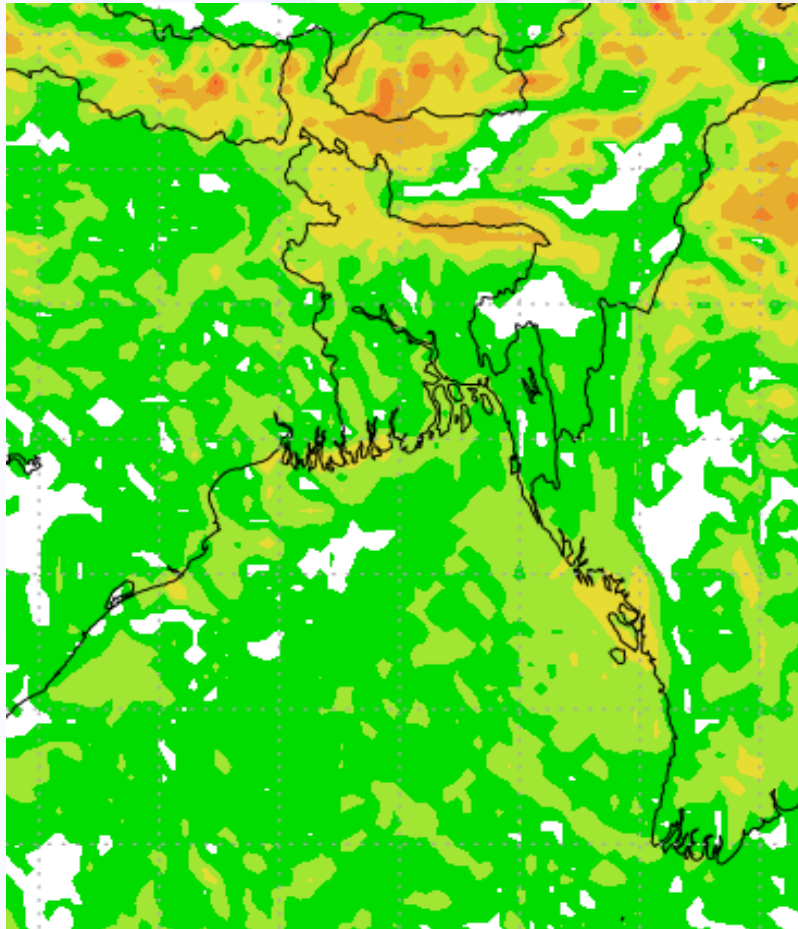


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

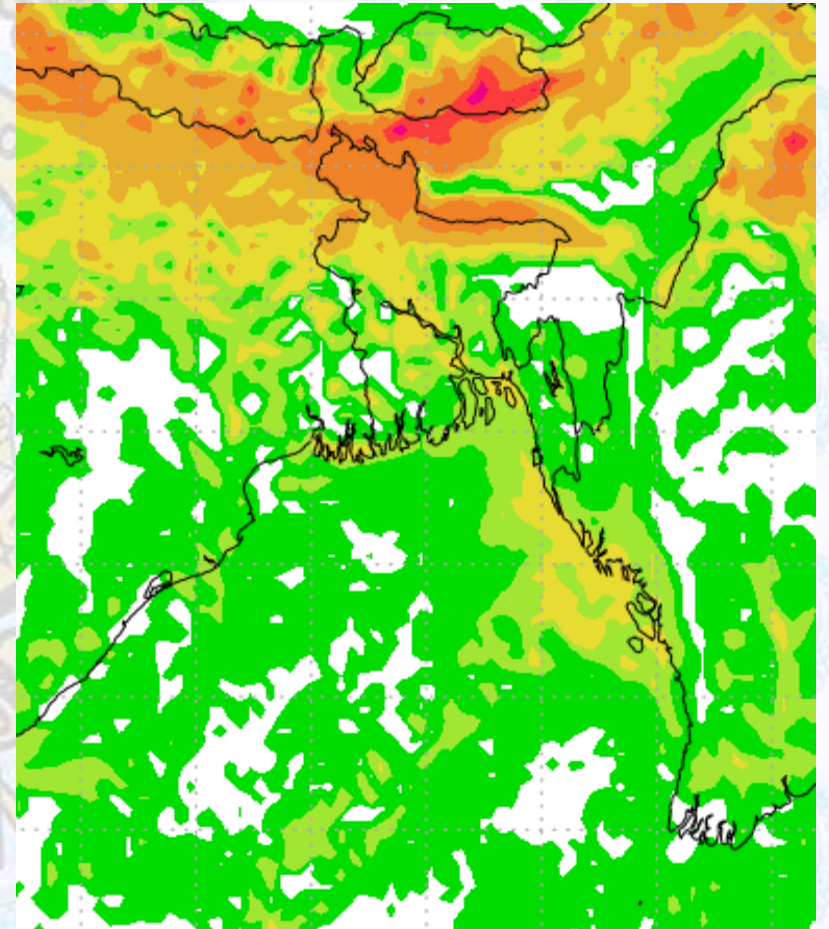


# Precipitation

Rain(mm) 18 & 19 July 2020



Rain(mm) 19 & 20 July 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
17 July 2020	0418	1.45		0210	1.49		0123	1.43
	1032	4.78		0817	3.24		0756	2.99
	1711	1.43		1450	1.43		1430	1.58
	2303	4.40		2035	3.02		2016	2.71
18 July 2020	Time	Height		Time	Height		Time	Height
	0513	1.30		0304	1.36		0222	1.31
	1120	4.98		0903	3.46		0847	3.13
	1801	1.28		1539	1.31		1523	1.43
	2351	4.59		2119	3.20		2110	2.83
19 July 2020	Time	Height		Time	Height		Time	Height
	0602	1.15		0352	1.23		0315	1.18
	1203	5.17		0945	3.66		0932	3.26
	1846	1.16		1623	1.21		1608	1.28
	-	-		2159	3.36		2155	2.96