



WEATHER FORECAST FOR BN

15 JULY - 18 JULY 2020





WEATHER FORECAST – DHAKA

15.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31/ 27	31 / 26	30 / 25	29 / 25
Wind	17 km/h S	16 km/h S	13 km/h S	10 km/h S
Humidity	74%	73%	77%	83%
Chance of Precip	21%	17%	14%	10%
Cloud Cover	77%	77%	80%	71%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 19 AM 6: 48 PM			

Conditions

Pressure : 1002 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

15.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31/ 27	30 / 26	28/ 26	28 / 26
Wind	19 km/h S	18 km/h S	13 km/h S	10 km/h SSE
Humidity	81%	82%	87%	92%
Chance of Precip.	55%	15%	17%	64%
Cloud Cover	86%	74%	83%	88%
Conditions	Cloudy	Cloudy	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 17 AM 6: 40 PM			

Conditions

Pressure : 1003 hpa

Visibility : 16.09 Km

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



WEATHER FORECAST – KHULNA

15.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31/ 27	29 / 27	28 / 27
Wind	18 km/h S	17 km/h S	11 km/h S	7 km/h SSE
Humidity	81%	81%	87%	91%
Chance of Precip.	48%	13%	9%	9%
Cloud Cover	56%	57%	48%	73%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 25 AM 6: 50 PM			

Conditions

Pressure : 1001 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	16 July 2020	17 July 2020	18 July 2020
Temperature (C)	33 °C/ 27 °C	33 °C/ 27 °C	33 °C/ 27 °C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h20m30s/18h48m24s	5h21m06s/18h48m06s	5h21m42s/18h47m54s
Day Length	13h27m54s	13h27m00s	13h26m12s
Moon Rise/ Set	1:27 PM 2:53 AM	2:07 PM 3:49 AM	2:52 PM 4:46 AM
Moon Phase/ illu	Waning Crescent, 17%	Waning Crescent, 10%	Waning Crescent, 4%
NauticalTwilight	0426,1942	0426,1942	0427,1941
Civil Twilight	0455,1912	0456,1912	0456,1912
Humidity	D : 74% N : 83%	D : 73% N : 83%	D : 75% N : 83%
Barometer (mb)	1004	1003	1003
Visibility	Good	Good	Good
Precip Chance	50%	60%	80%
Wind (mph)	15 Km/h S	13 Km/h S	15 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	16 July 2020	17 July 2020	18 July 2020
Temperature (C)	31 °C/ 26 °C	30 °C/ 26 °C	30 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h17m48s/18h39m48s	5h18m18s/18h39m30s	5h18m54s/18h39m18s
Day Length	13h22m00s	13h21m12s	13h20m24s
Moon Rise/ Set	1:23 PM 2:45 AM	2:04 PM 3:41 AM	2:49 PM 4:37 AM
Moon Phase/ illu	Waning Crescent, 17%	Waning Crescent, 10%	Waning Crescent, 4%
NauticalTwilight	0424, 1933	0424, 1932	0425, 1932
Civil Twilight	0453, 1903	0453, 1903	0454, 1903
Humidity	D : 82% N : 91%	D : 82% N : 93%	D : 85% N : 93%
Barometer (mb)	1006	1004	1005
Visibility	Good	Good	Good
Precip Chance	40%	50%	80%
Wind (mph)	14 Km/h SSW	13 Km/h S	15 Km/h S

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



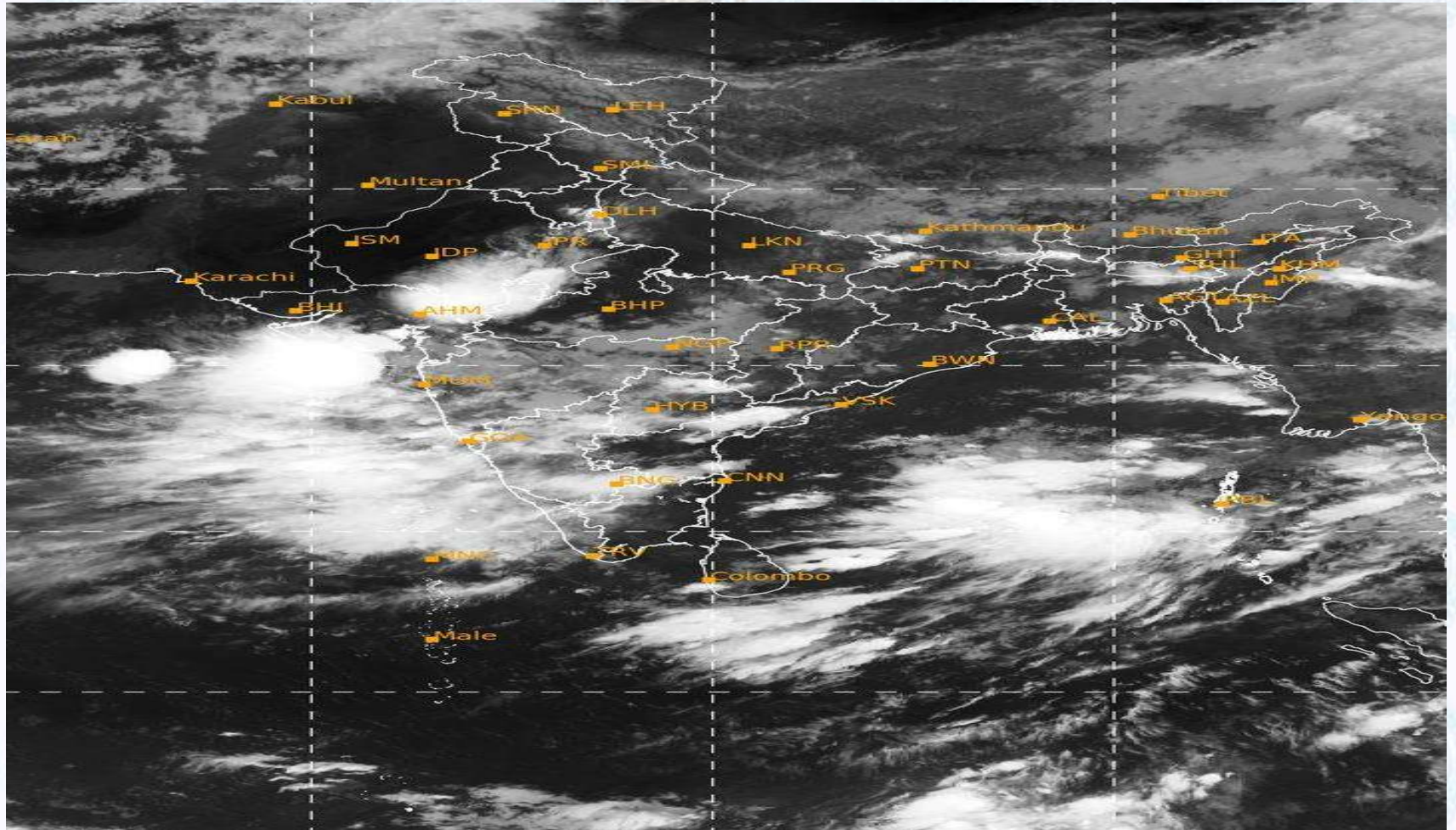
GENERAL WEATHER FORECAST – KHULNA

Description	16 July 2020	17 July 2020	18 July 2020
Temperature(C)	32°C/ 26°C	33°C/ 27°C	33°C/ 27°C
Summary	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h25m54s/18h50m00s	5h26m26s/18h49m42s	5h27m00s/18h49m30s
Day Length	13h24m06s	13h23m18s	13h22m30s
Moon Rise/Set	1:33 PM 2:56 AM	2:13 PM 3:51 AM	2:59 PM 4:48 AM
Moon Phase/illu	Waning Crescent, 17%	Waning Crescent, 10%	Waning Crescent, 4%
Nautical Twilight	0432, 1943	0432, 1943	0433, 1942
Civil Twilight	0501, 1914	0501, 1913	0502, 1913
Humidity	D : 77% N : 86%	D : 76% N : 86%	D : 77% N : 86%
Barometer (mb)	1004	1003	1003
Visibility	Good	Good	Good
Precip Chance	80%	50%	80%
Wind (mph)	14 km/h S	14 km/h SSE	14 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL

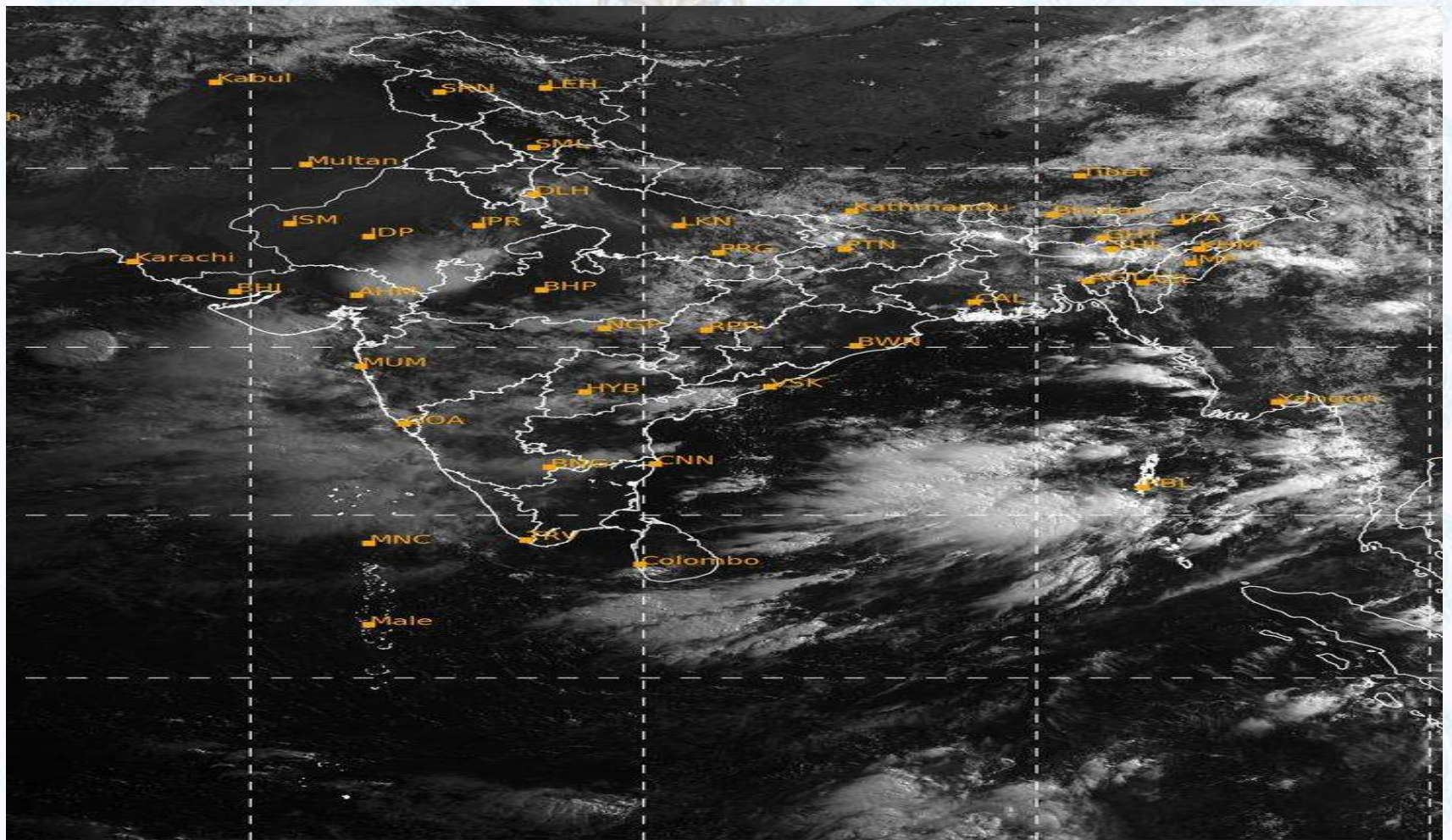


15/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



15/07/2020, 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 15.07.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY 10-15KTS, 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 = 15,0000 UTC. CHATTOGRAM =1003 HPA



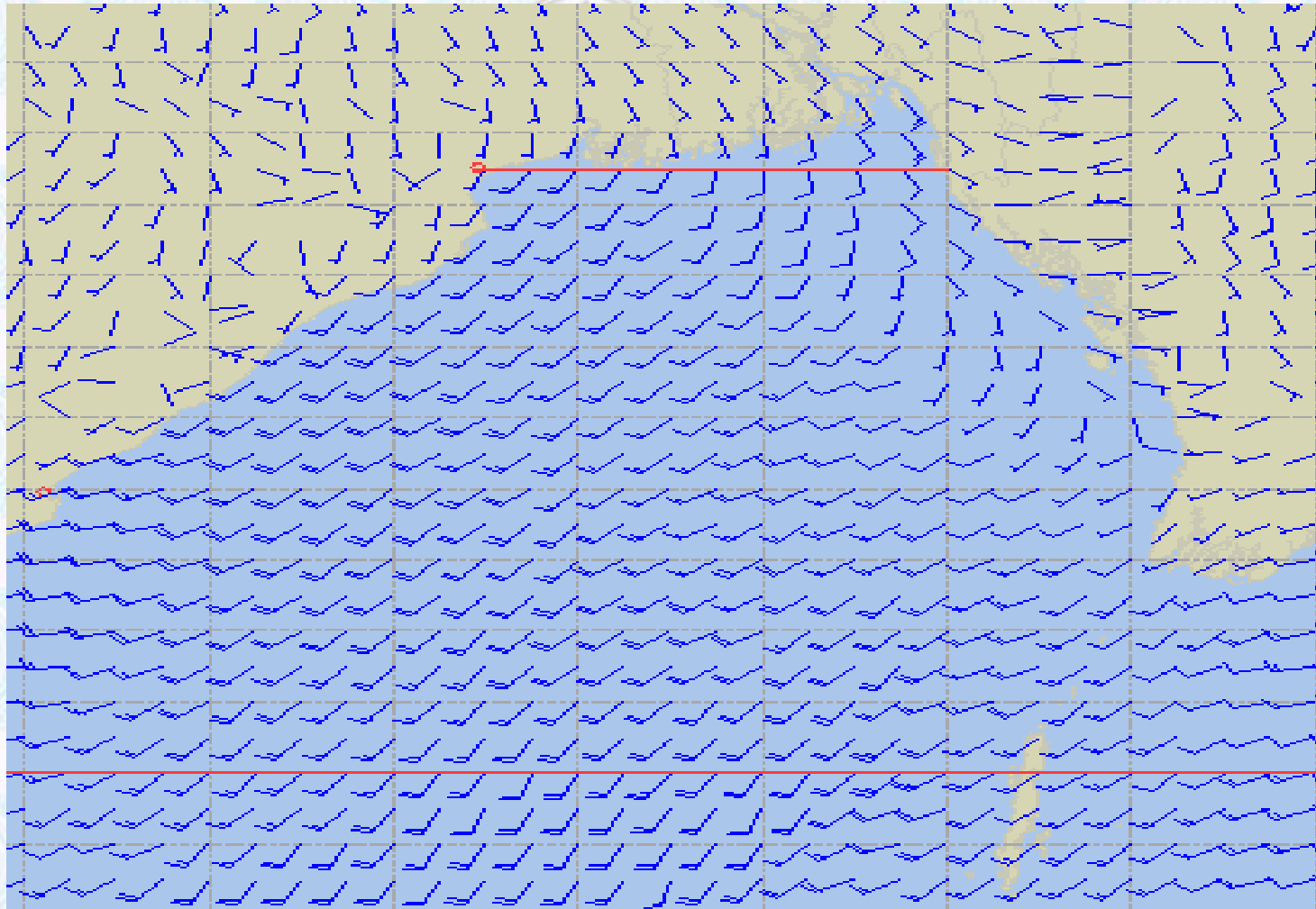
Inland River Port Warning **(VALID TILL 07 PM OF 15.07.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGION OF TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 16 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



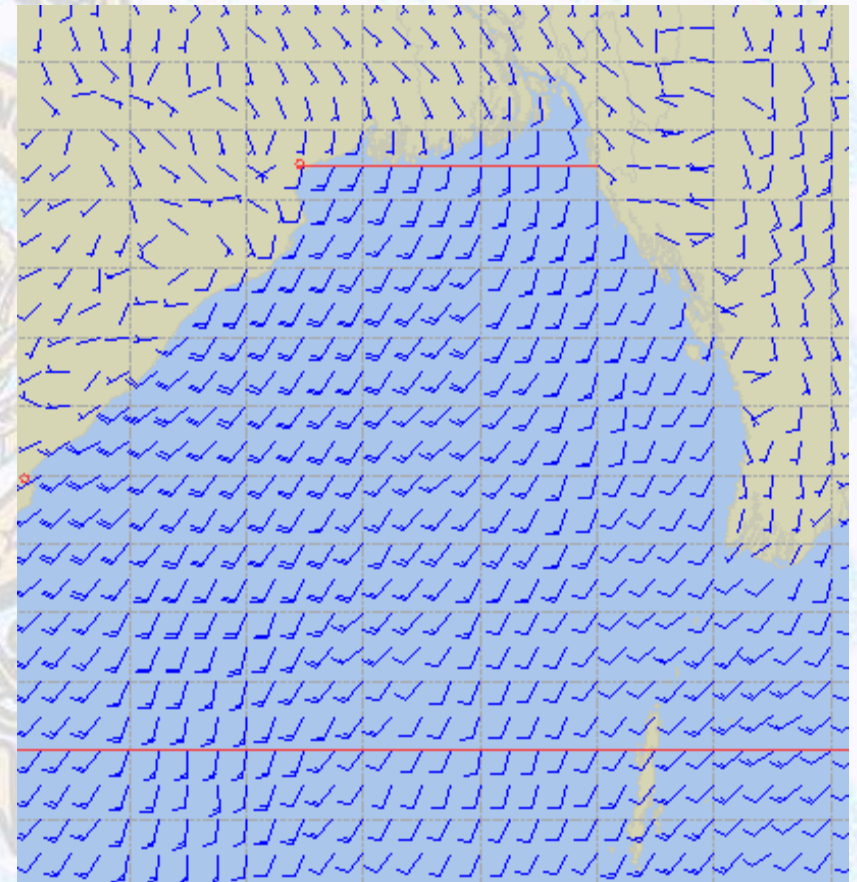
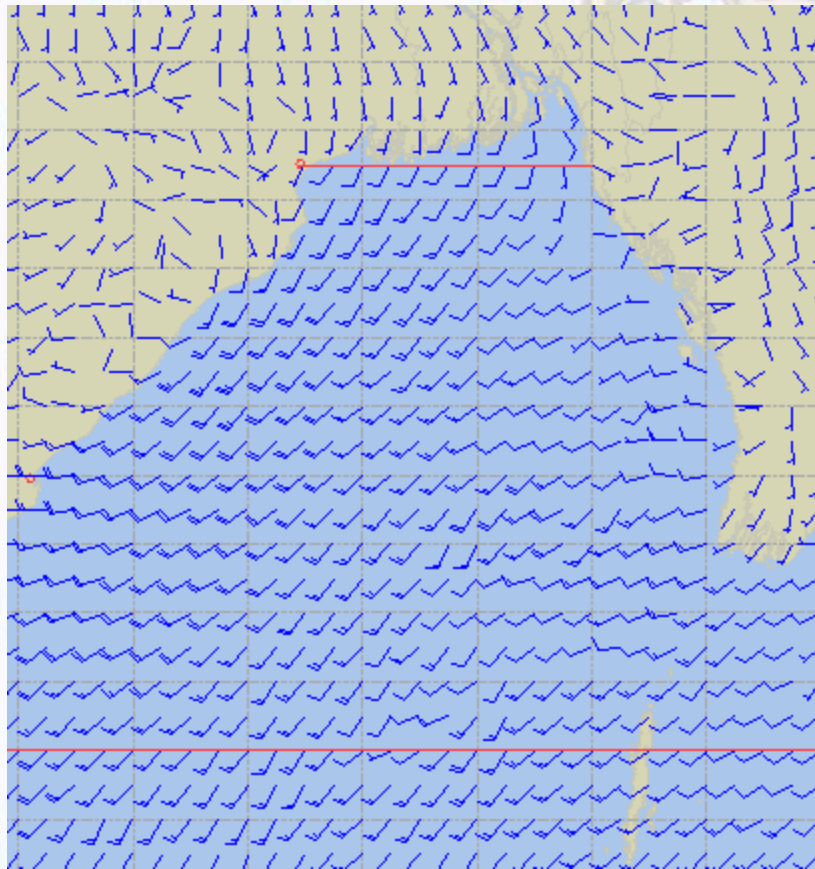
60 Knots



Surface Wind Forecast – 17 & 18 July - 2020

17 July 2020 Friday

18 July 2020 Saturday



Legend:



**Calm
Winds**



5 Knots



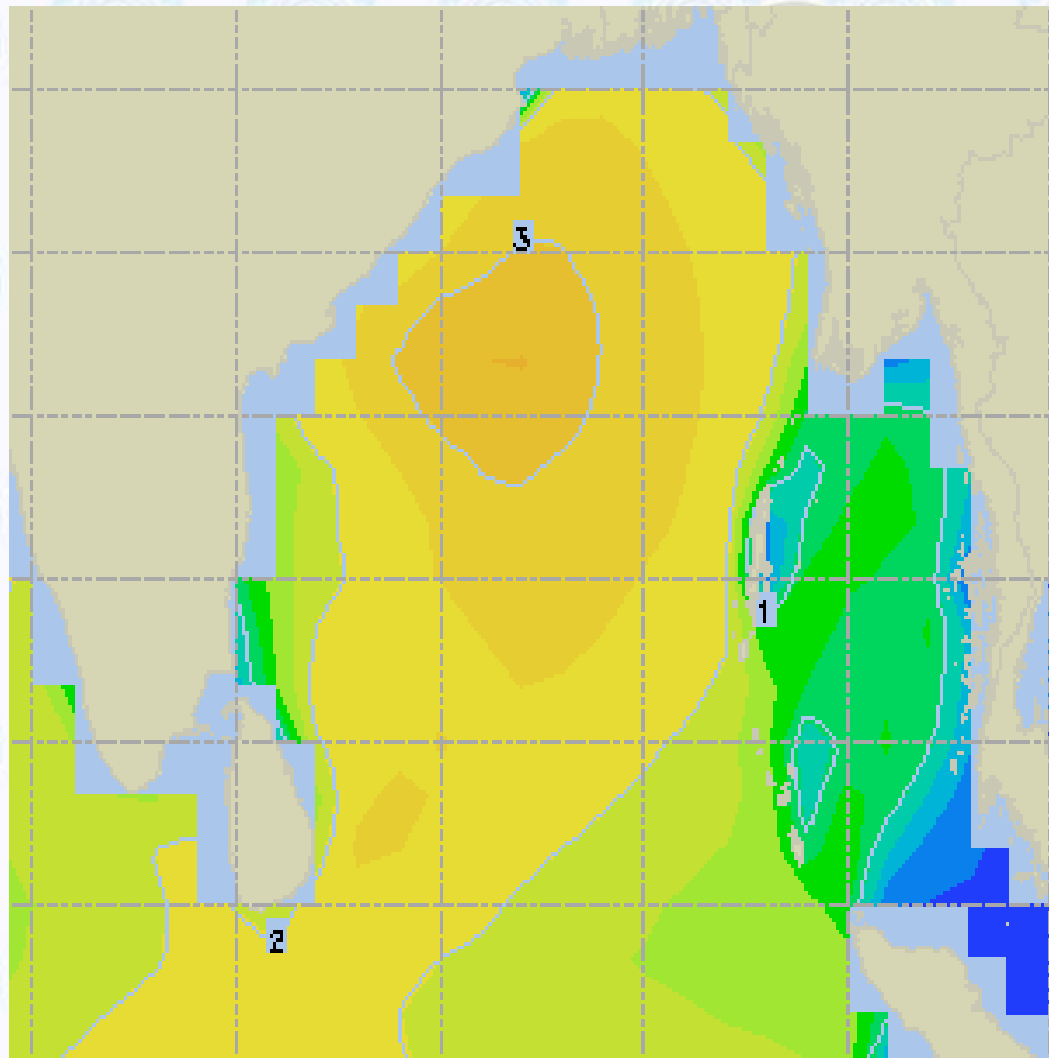
10 Knots



60 Knots



Sea State Forecast – 16 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

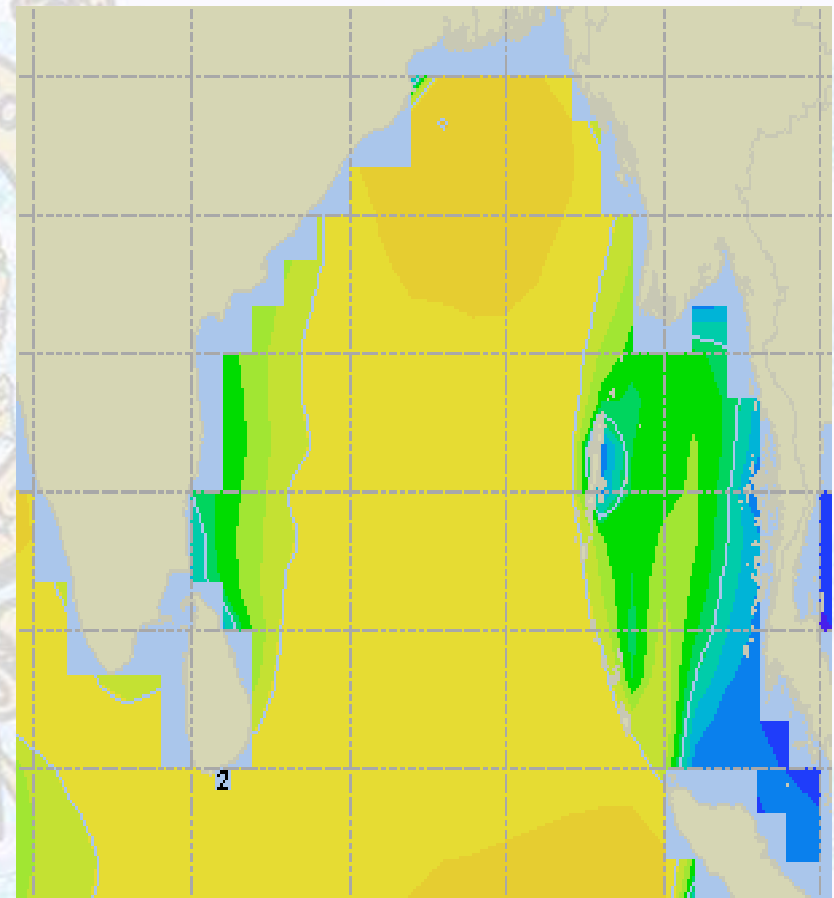
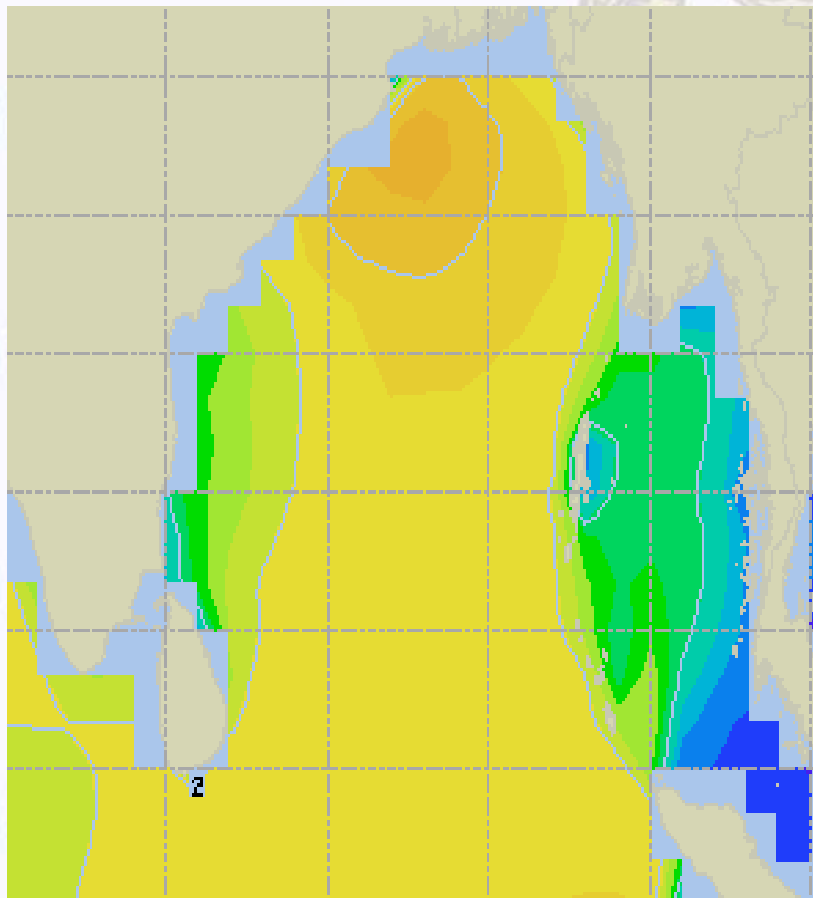




Sea State Forecast – 17 & 18 July - 2020

17 July 2020 Friday

18 July 2020 Saturday

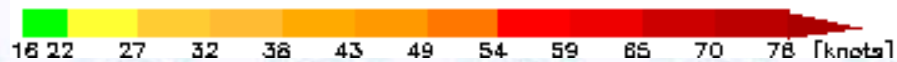
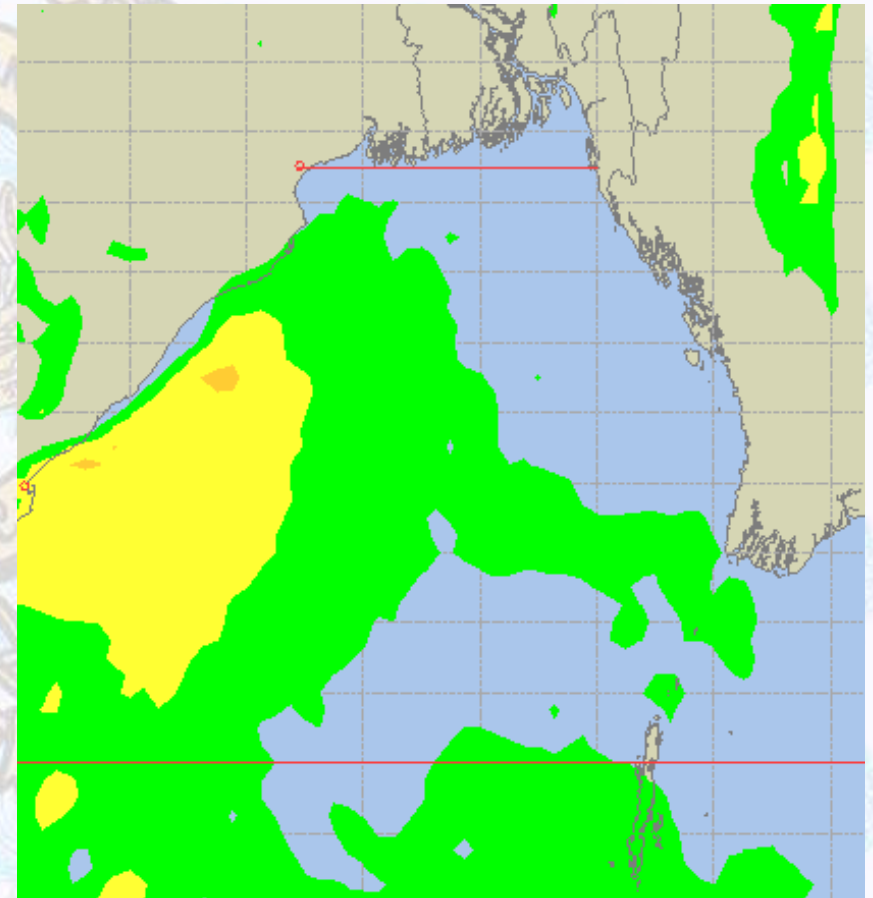
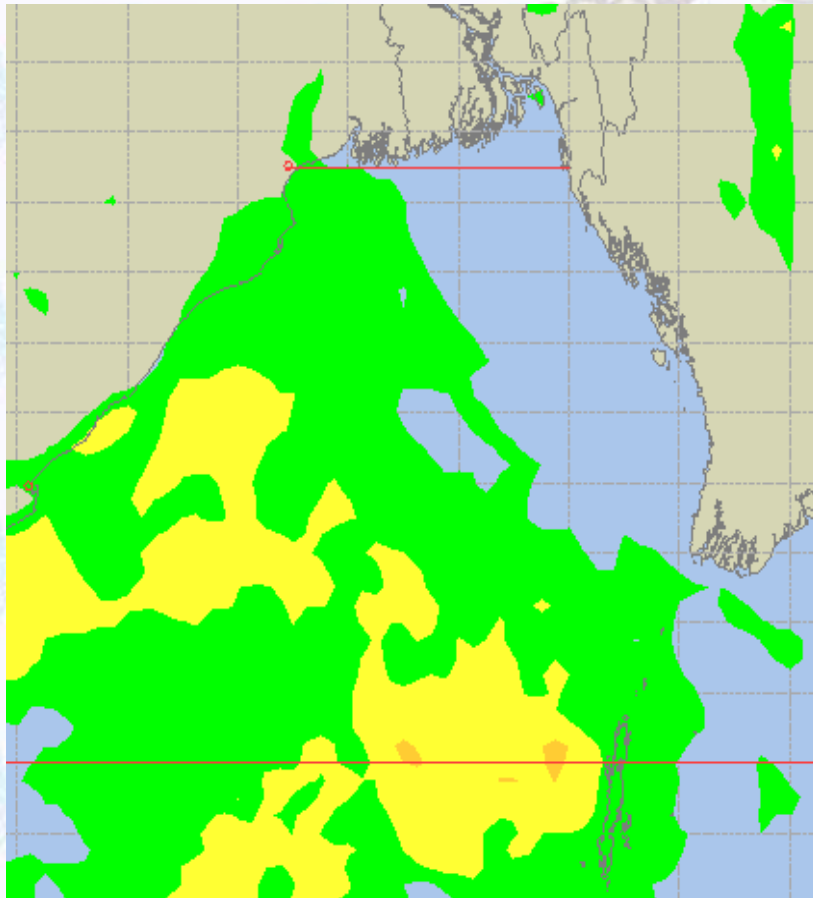




Peak Gusting Possibilities— 16 & 17 July 2020

16 July 2020 Thursday

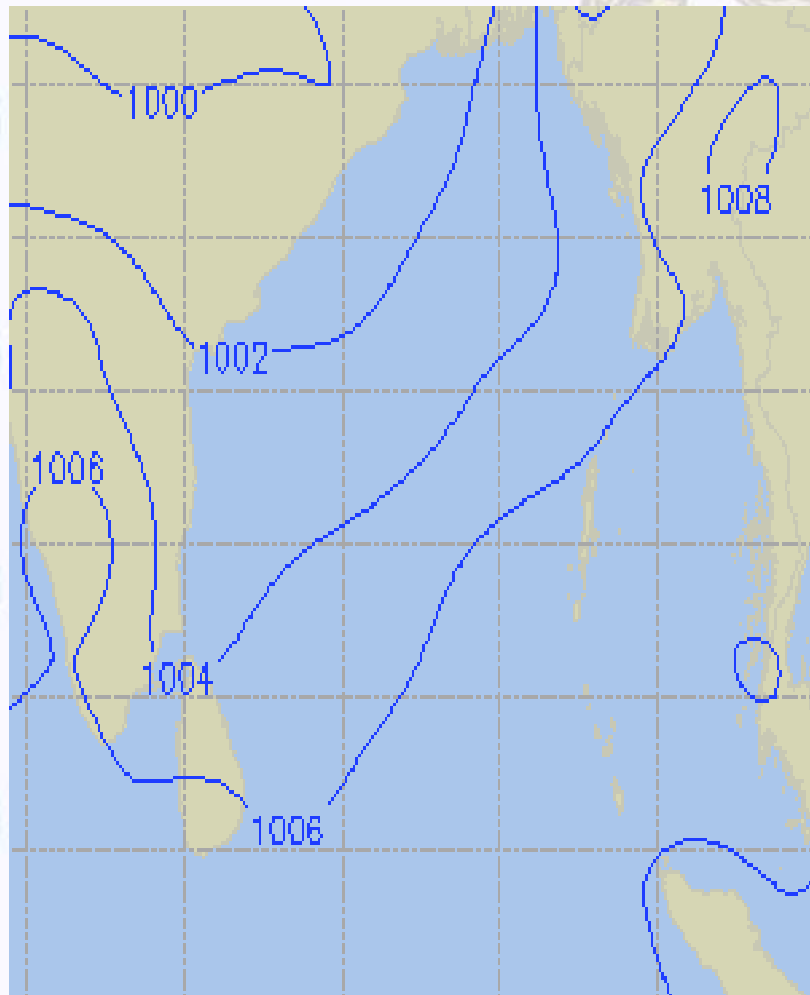
17 July 2020 Friday



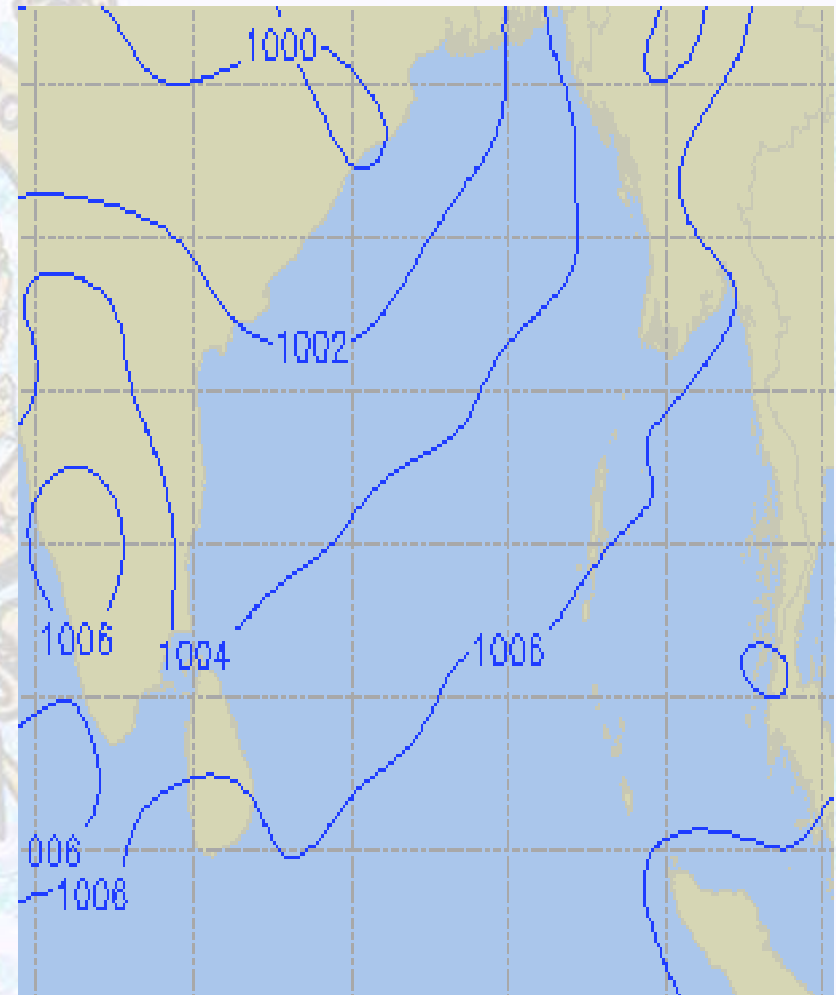


Surface Pressure forecast– 16 & 17 July 2020

16 July 2020 Thursday



17 July 2020 Friday

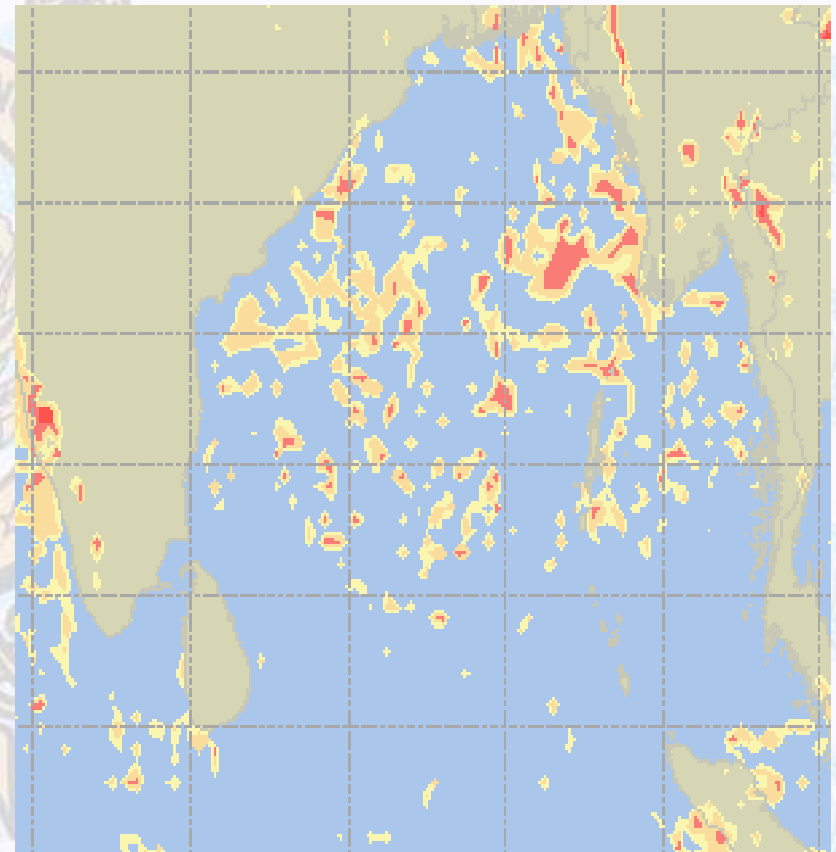
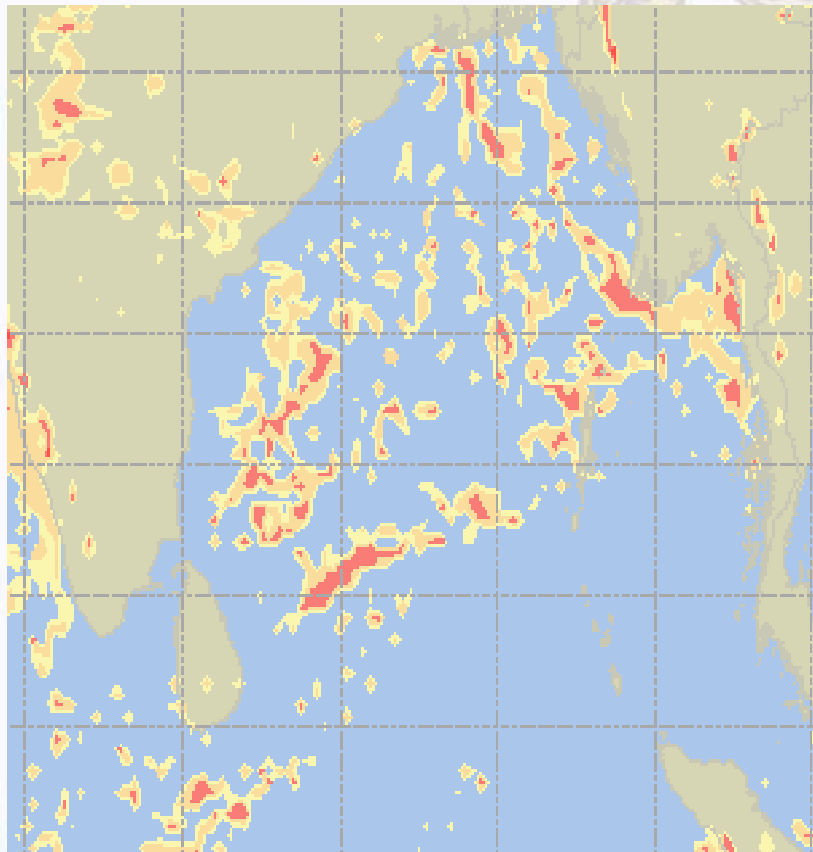




Visibility at Sea Forecast – 16 & 17 July- 2020

16 July 2020 Thursday

17 July 2020 Friday



Visibility Scale:

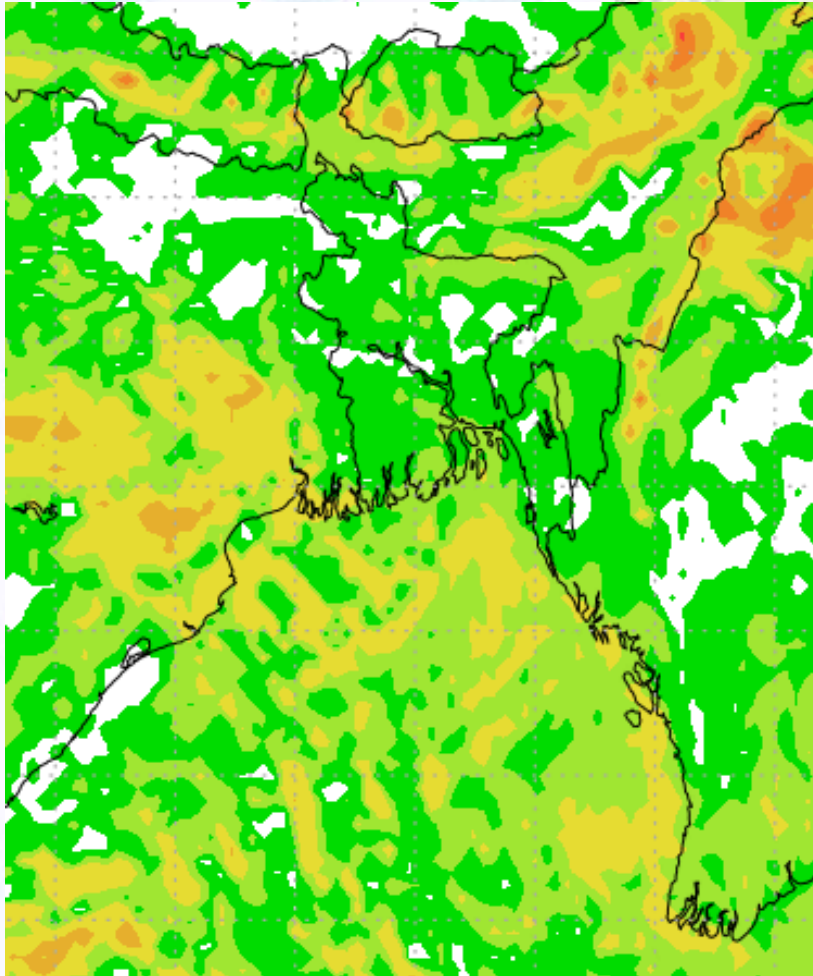


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

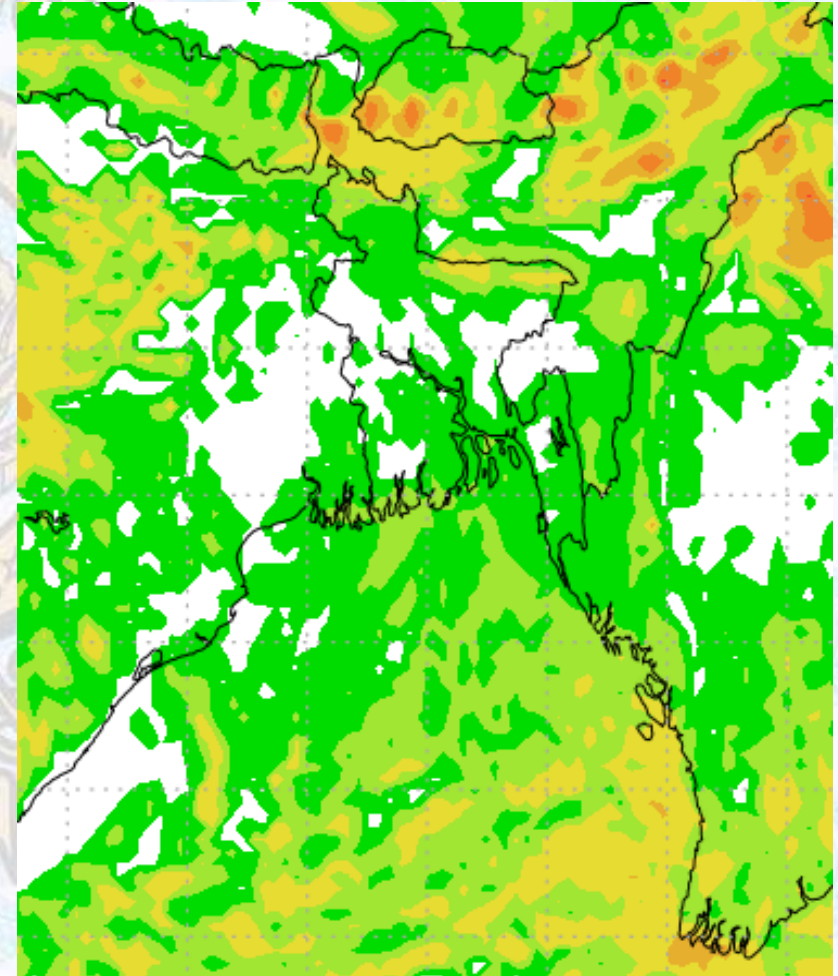


Precipitation

Rain(mm) 16 & 17 July 2020



Rain(mm) 17 & 18 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
15 July 2020	0210	1.57		0614	2.89		0539	2.80
	0832	4.47		1242	1.62		1153	1.77
	1502	1.74		1835	2.79		1746	2.61
	2057	4.15		-	-		-	-
16 July 2020	Time	Height		Time	Height		Time	Height
	0316	1.55		0108	1.59		0016	1.50
	0936	4.59		0723	3.04		0653	2.87
	1612	1.16		1352	1.54		1323	1.71
	2205	4.23		1941	2.88		1907	2.62
17 July 2020	Time	Height		Time	Height		Time	Height
	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