



WEATHER FORECAST FOR BN

16 JULY - 19 JULY 2020



WEATHER FORECAST – DHAKA

16.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33/ 25	33 / 25	30 / 25	29 / 25
Wind	15 km/h S	16 km/h S	11 km/h S	10 km/h S
Humidity	65%	66%	77%	81%
Chance of Precip	16%	12%	9%	13%
Cloud Cover	73%	75%	79%	75%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 20 AM 6: 48 PM			

Conditions

Pressure : 1001 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

16.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31/ 26	31 / 26	29/ 26	28 / 26
Wind	20 km/h SSW	17 km/h SSW	9 km/h S	9 km/h SSE
Humidity	75%	78%	87%	90%
Chance of Precip.	14%	14%	14%	43%
Cloud Cover	72%	72%	80%	80%
Conditions	Cloudy	Cloudy	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 17 AM 6: 39 PM			

Conditions

Pressure : 1002 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

16.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	32 / 28	29 / 27	29 / 27
Wind	16 km/h S	17 km/h S	11 km/h S	8 km/h SSE
Humidity	77%	77%	86%	89%
Chance of Precip.	15%	12%	7%	9%
Cloud Cover	52%	55%	60%	74%
Conditions	Cloudy	Cloudy	Cloudy/Light Rain	Cloudy/Light Rain
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	17 July 2020	18 July 2020	19 July 2020
Temperature (C)	33 °C/ 27 °C	33 °C/ 27 °C	32 °C/ 27 °C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h21m06s/18h48m06s	5h21m42s/18h47m54s	5h22m18s/18h47m36s
Day Length	13h27m00s	13h26m12s	13h25m18s
Moon Rise/ Set	2:07 PM 3:49 AM	2:52 PM 4:46 AM	3:43 PM 5:43 AM
Moon Phase/ illu	Waning Crescent, 10%	Waning Crescent, 4%	Waning Crescent, 1%
NauticalTwilight	0426,1942	0427,1941	0427,1941
Civil Twilight	0456,1912	0456,1912	0457,1911
Humidity	D : 73% N : 81%	D : 73% N : 82%	D : 76% N : 83%
Barometer (mb)	1003	1004	1004
Visibility	Good	Good	Good
Precip Chance	50%	80%	90%
Wind (mph)	15 Km/h S	15 Km/h S	17 Km/h SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 July 2020	18 July 2020	19 July 2020
Temperature (C)	30 °C/ 26 °C	30 °C/ 26 °C	30 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h18m18s/18h39m30s	5h18m54s/18h39m18s	5h19m24s/18h39m00s
Day Length	13h21m12s	13h20m24s	13h19m19s
Moon Rise/ Set	2:04 PM 3:41 AM	2:49 PM 4:37 AM	3:40 PM 5:34 AM
Moon Phase/ illu	Waning Crescent, 10%	Waning Crescent, 4%	Waning Crescent, 1%
NauticalTwilight	0424, 1932	0425, 1932	0425, 1932
Civil Twilight	0453, 1903	0454, 1903	0454, 1903
Humidity	D : 83% N : 91%	D : 84% N : 92%	D : 87% N : 94%
Barometer (mb)	1005	1005	1006
Visibility	Good	Good	Good
Precip Chance	40%	60%	80%
Wind (mph)	14 Km/h S	15 Km/h S	16 Km/h S

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



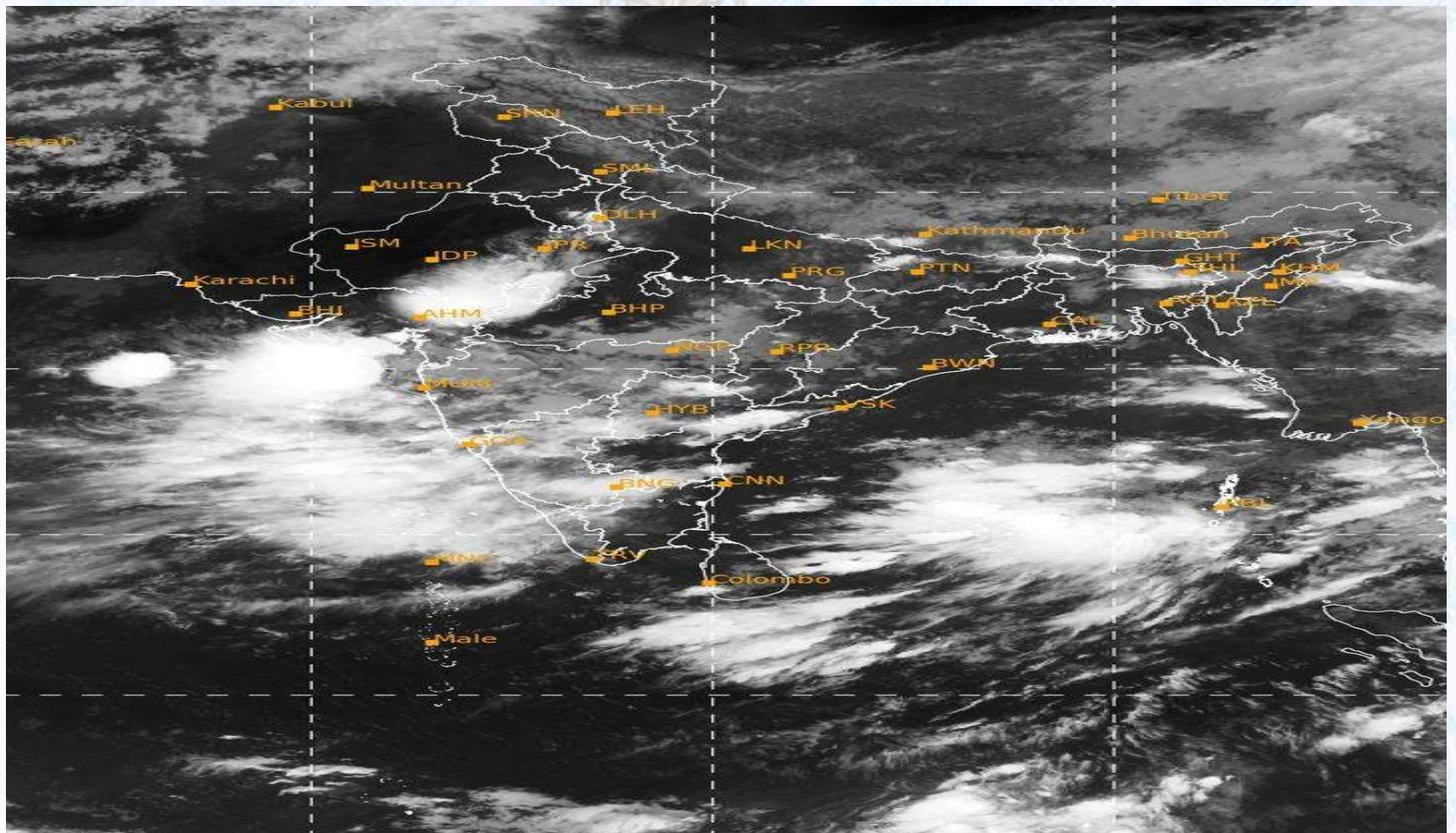
GENERAL WEATHER FORECAST – KHULNA

Description	17 July 2020	18 July 2020	19 July 2020
Temperature(C)	33°C/ 27°C	33°C/ 27°C	33°C/ 27°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h26m26s/18h49m42s	5h27m00s/18h49m30s	5h27m36s/18h49m12s
Day Length	13h23m18s	13h22m30s	13h21m36s
Moon Rise/Set	2:13 PM 3:51 AM	2:59 PM 4:48 AM	3:50 PM 5:45 AM
Moon Phase/illu	Waning Crescent, 10%	Waning Crescent, 4%	Waning Crescent, 1%
Nautical Twilight	0432, 1943	0433, 1942	0433, 1942
Civil Twilight	0501, 1913	0502, 1913	0502, 1913
Humidity	D : 75% N : 85%	D : 75% N : 87%	D : 78% N : 85%
Barometer (mb)	1003	1003	1004
Visibility	Good	Good	Good
Precip Chance	80%	60%	80%
Wind (mph)	16 km/h SSE	14 km/h S	17 km/h SSW

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



SATELLITE VIEW OF BAY OF BENGAL

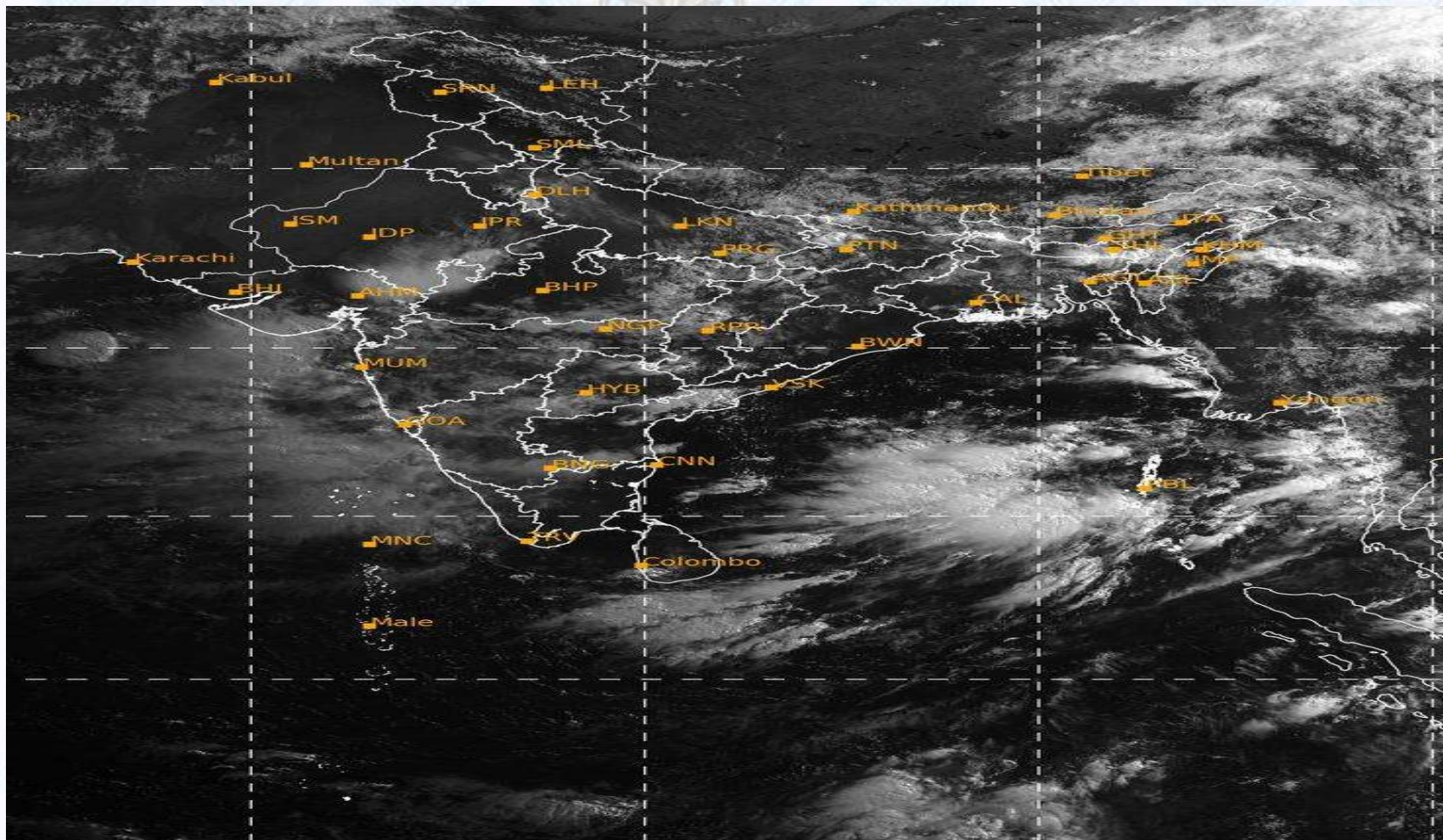


16/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



16/07/2020, 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 16.07.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	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 = 16,0000 UTC. CHATTOGRAM =1002 HPA



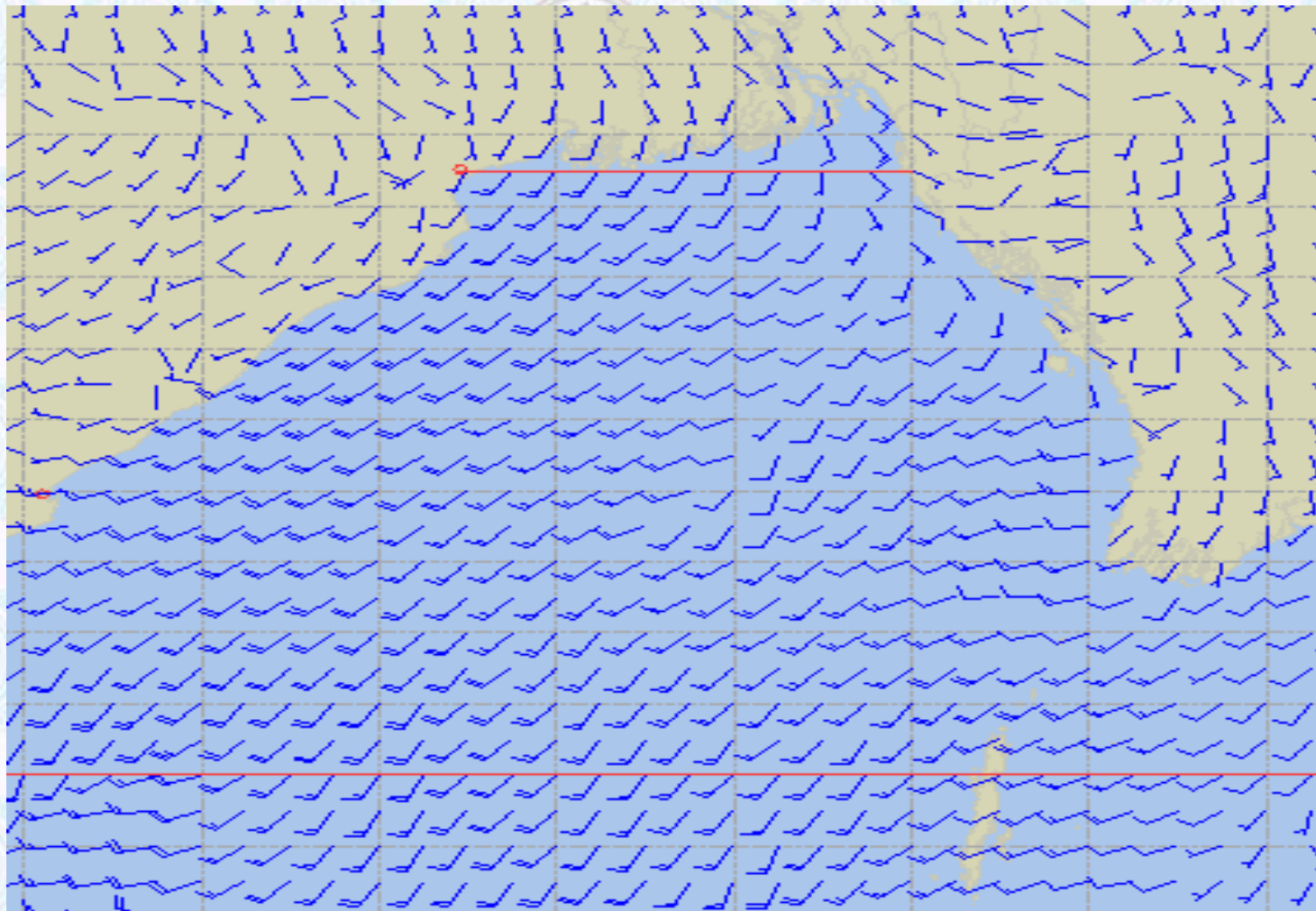
Inland River Port Warning (VALID TILL 07 PM OF 16.07.2020)

RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY,
GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS
OF KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, COMILLA, 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- 17 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



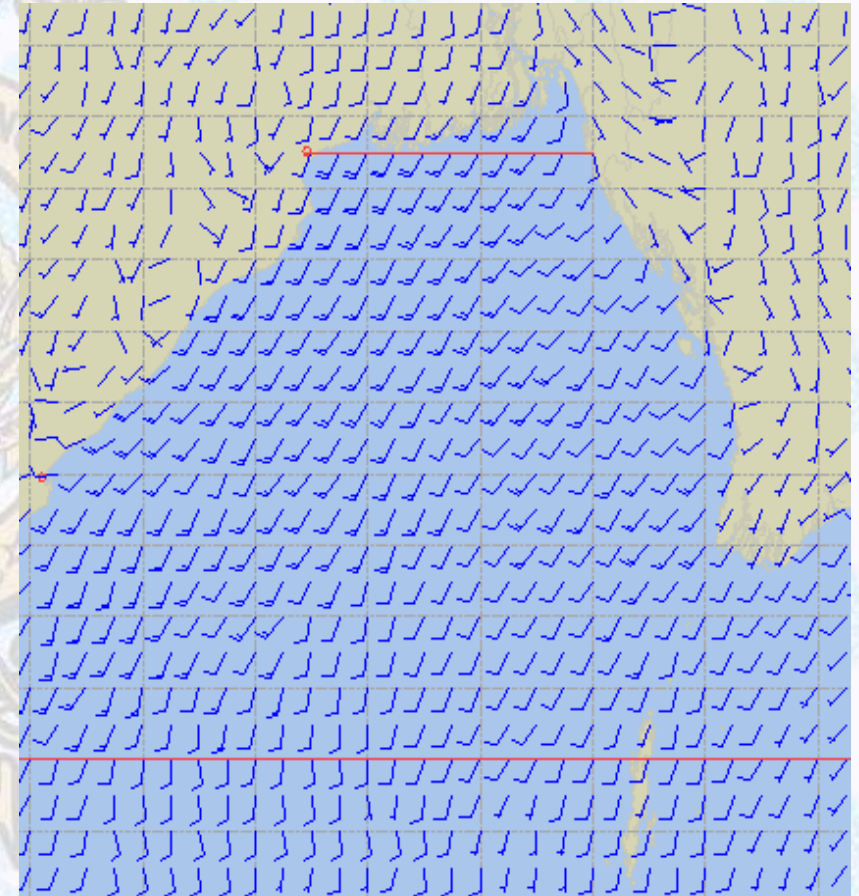
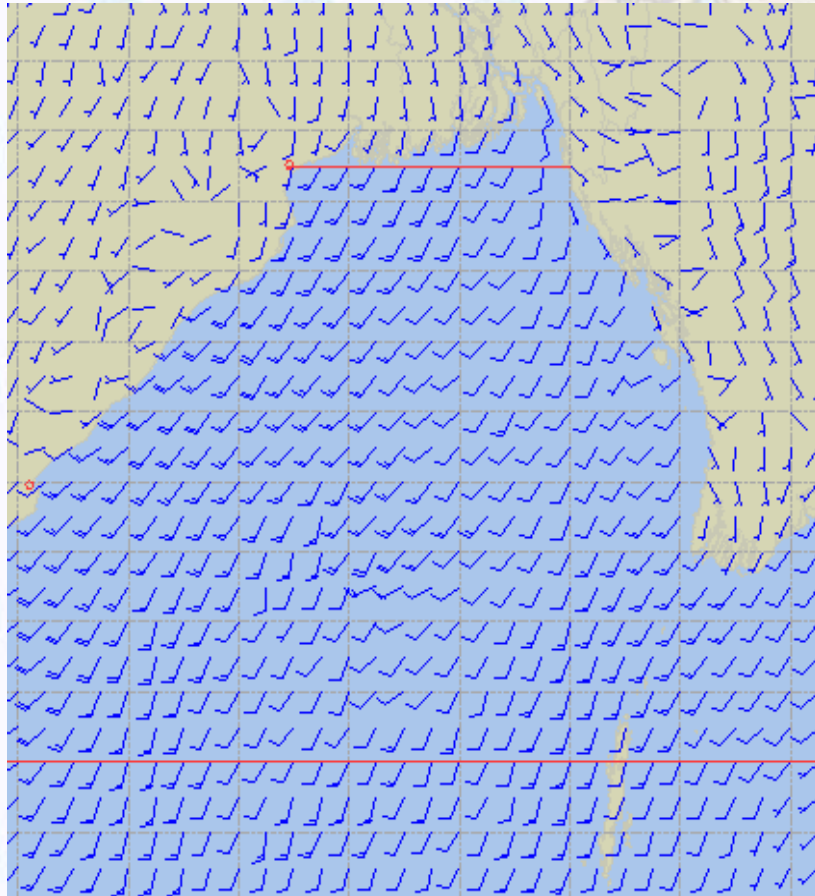
60 Knots



Surface Wind Forecast – 18 & 19 July - 2020

18 July 2020 Saturday

19 July 2020 Sunday



Legend:



**Calm
Winds**



5 Knots



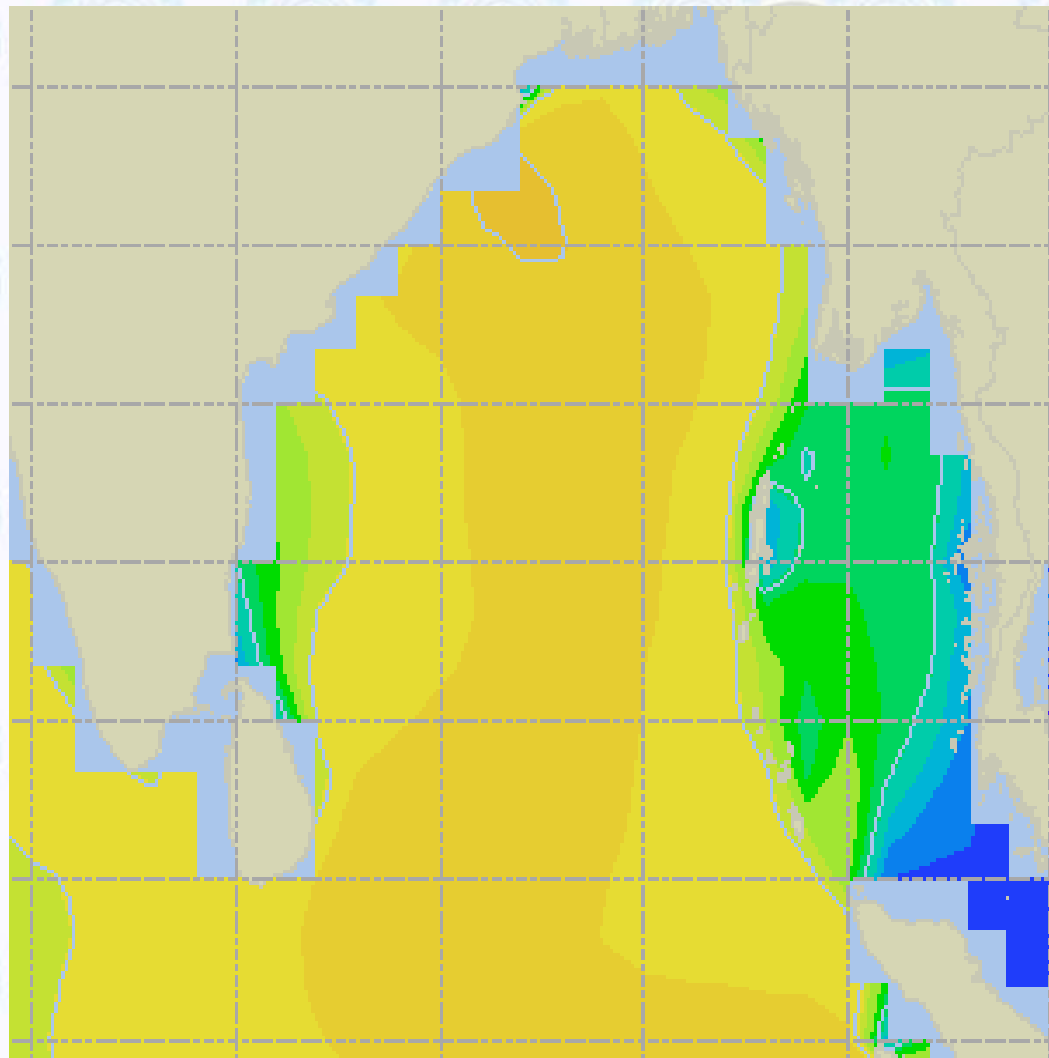
10 Knots



60 Knots



Sea State Forecast – 17 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

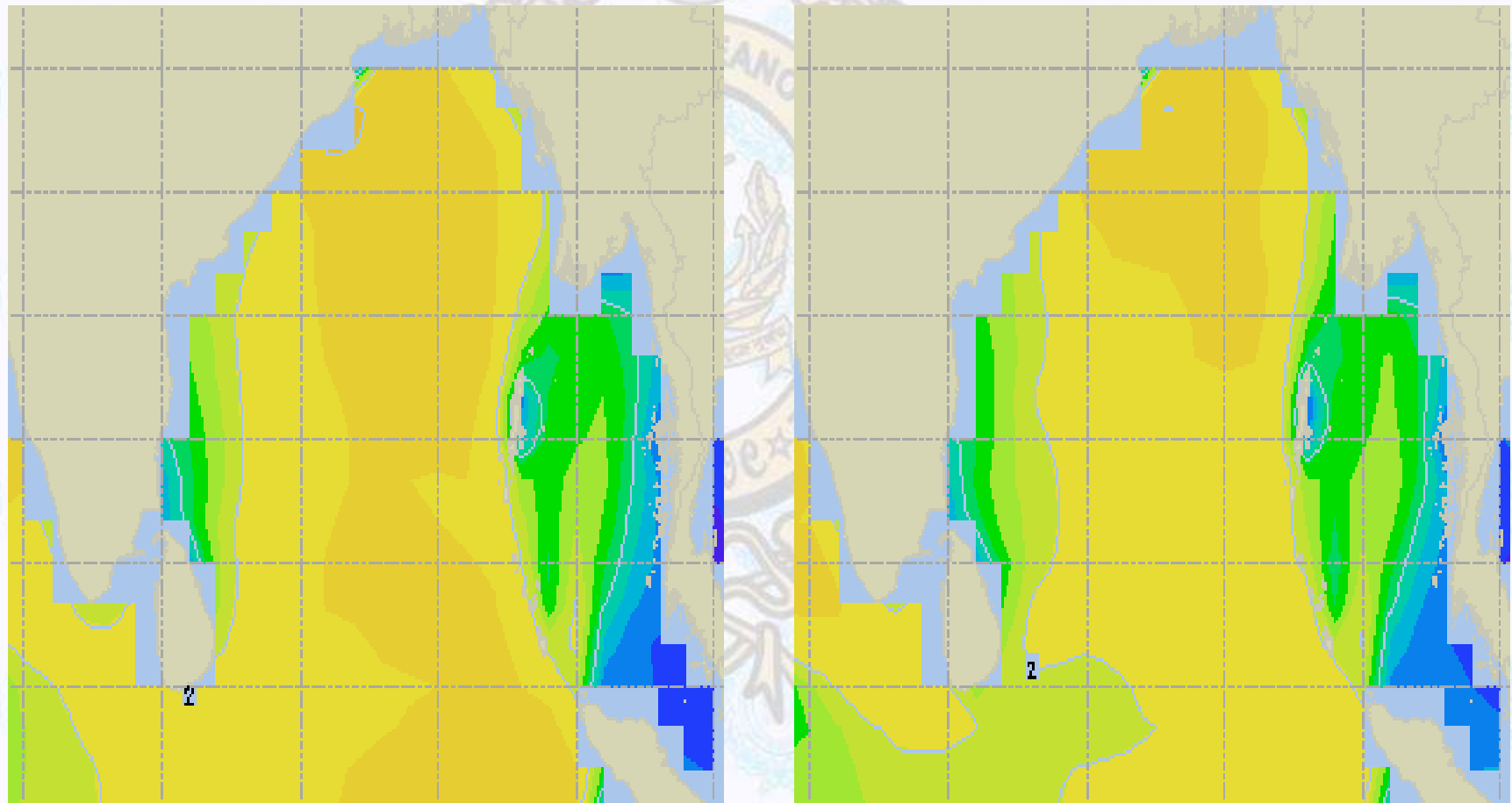




Sea State Forecast – 18 & 19 July - 2020

18 July 2020 Saturday

19 July 2020 Sunday

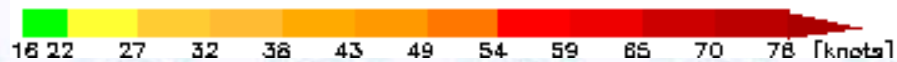
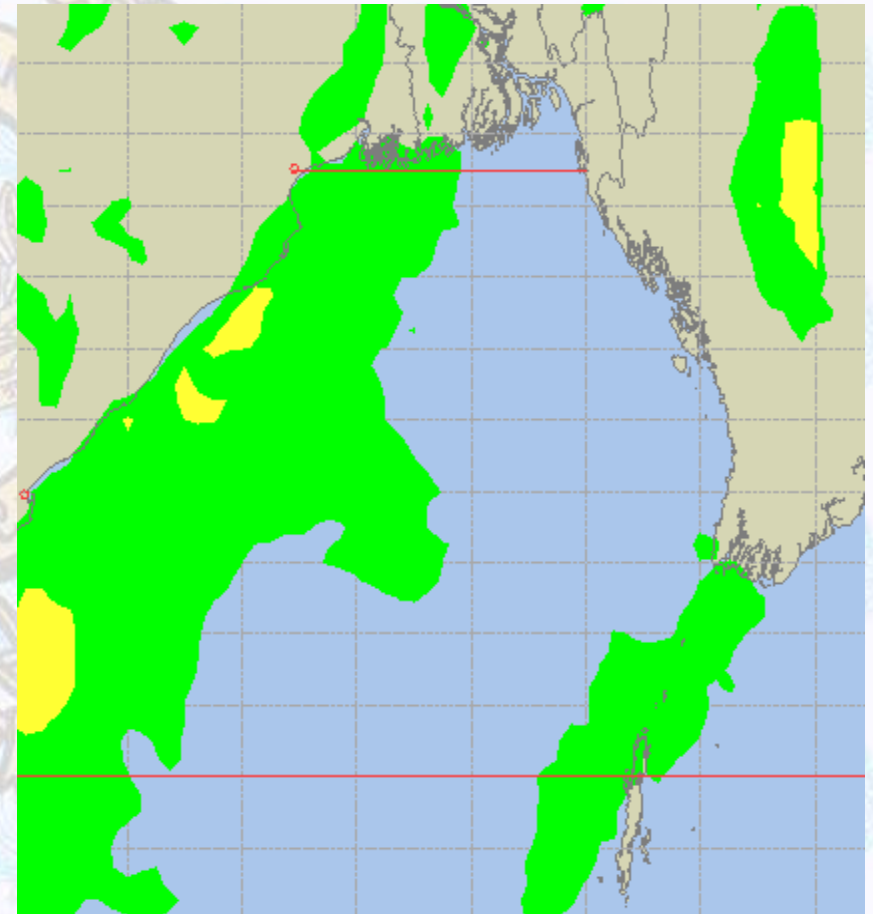
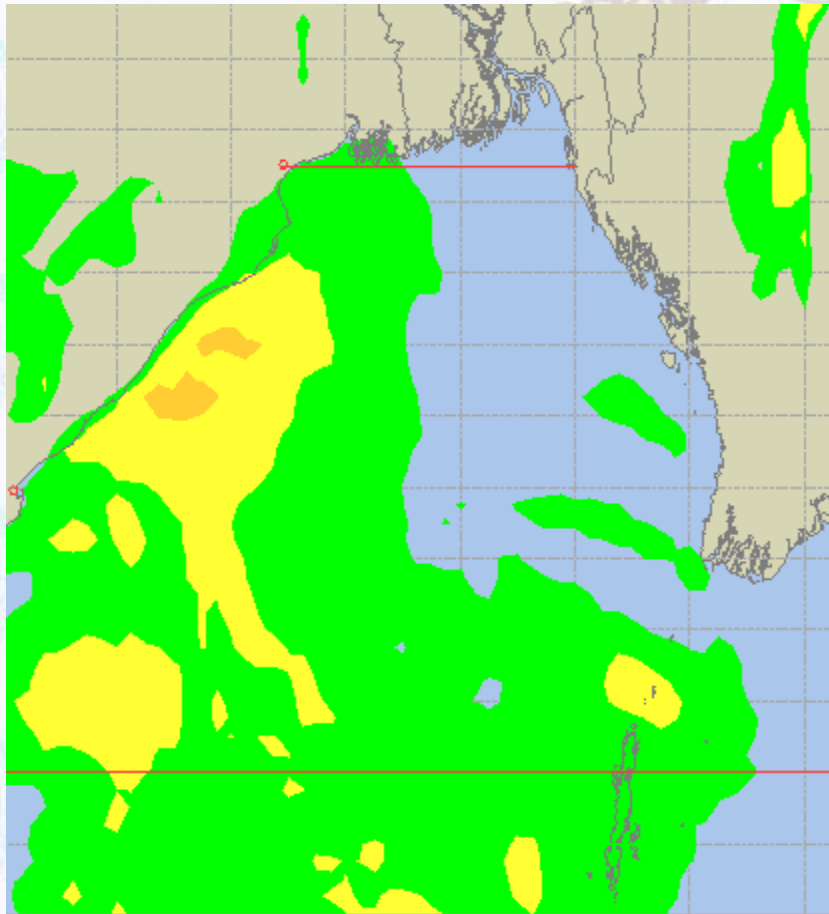




Peak Gusting Possibilities— 17 & 18 July 2020

17 July 2020 Friday

18 July 2020 Saturday

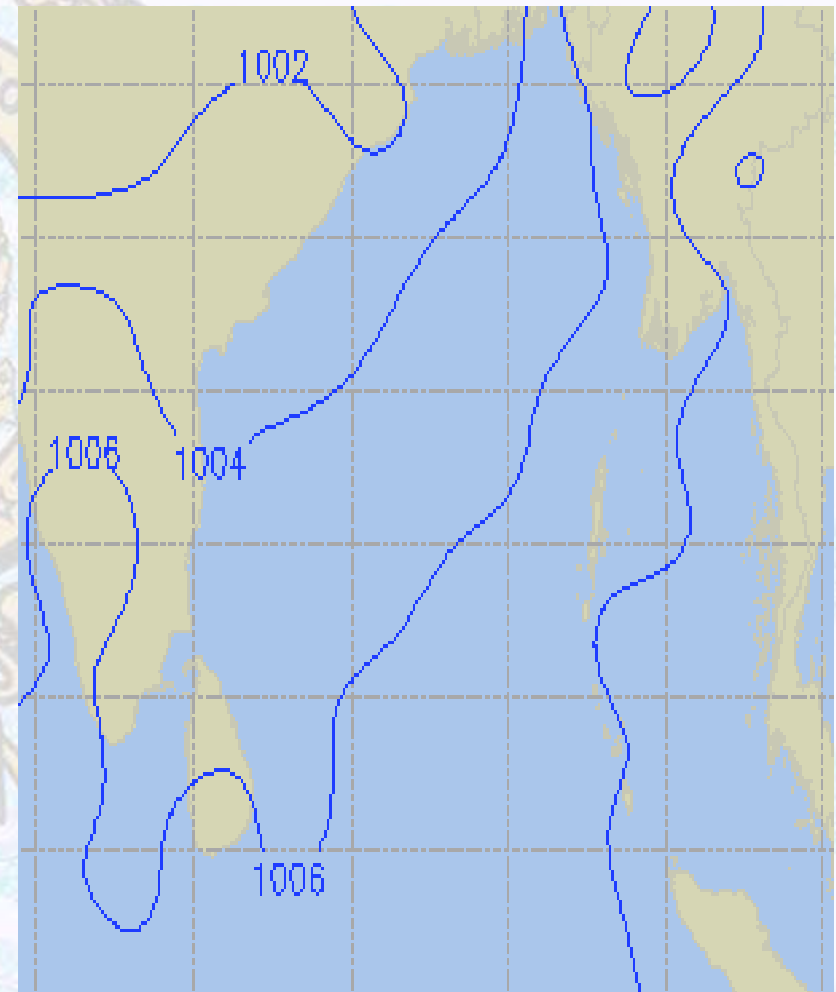
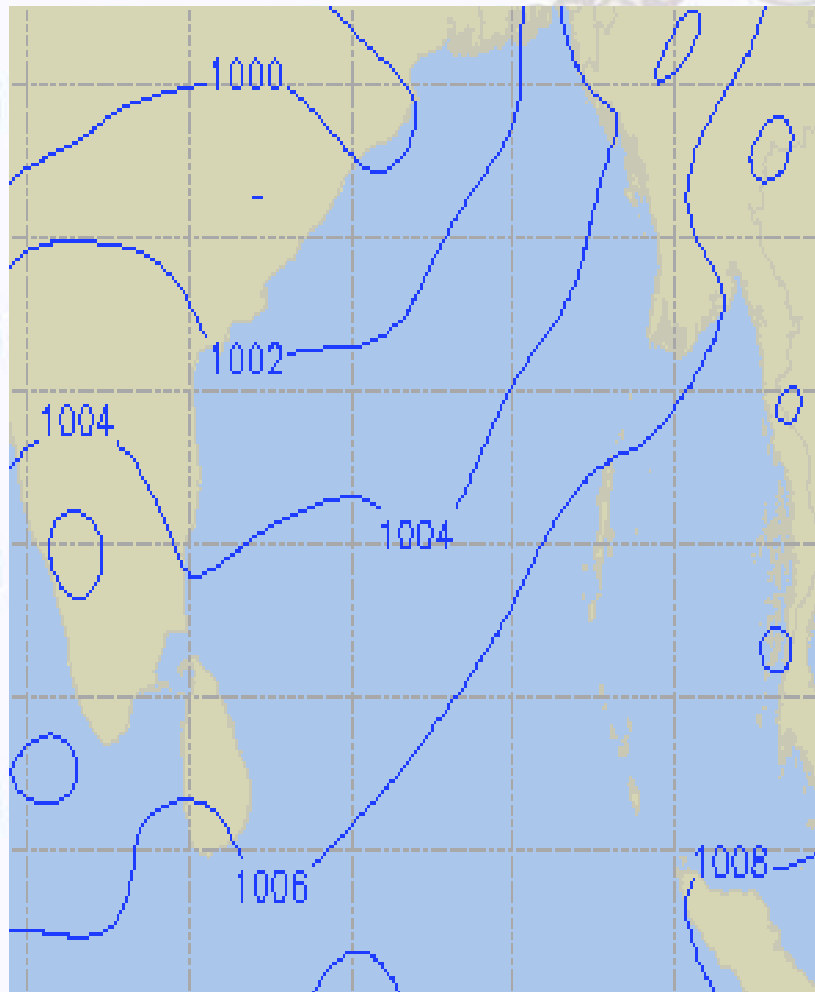




Surface Pressure forecast– 17 & 18 July 2020

17 July 2020 Friday

18 July 2020 Saturday

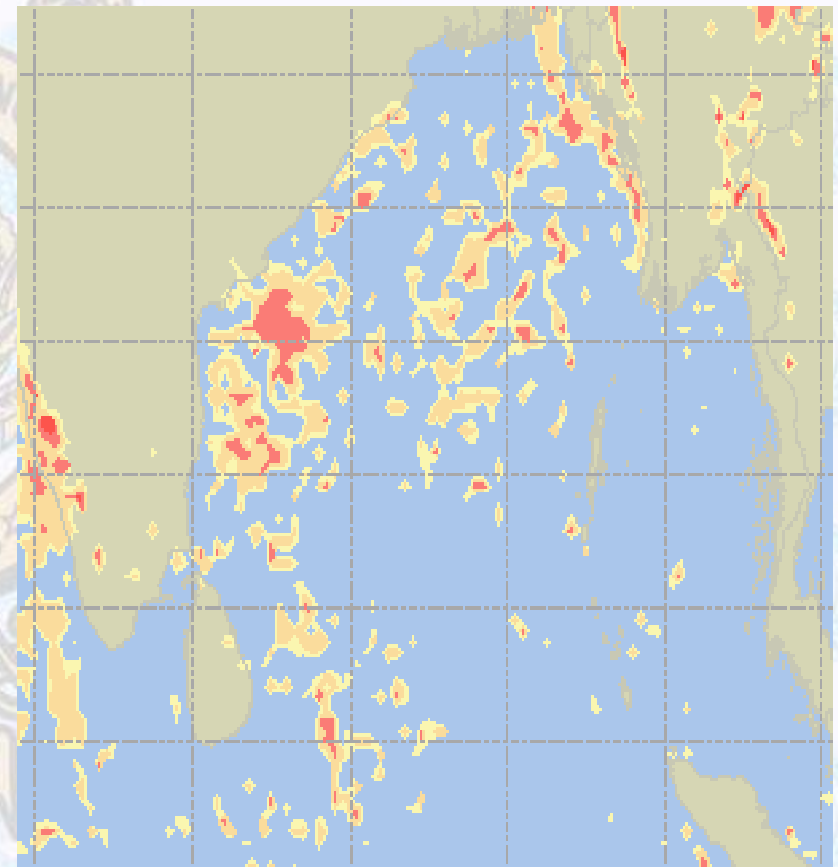
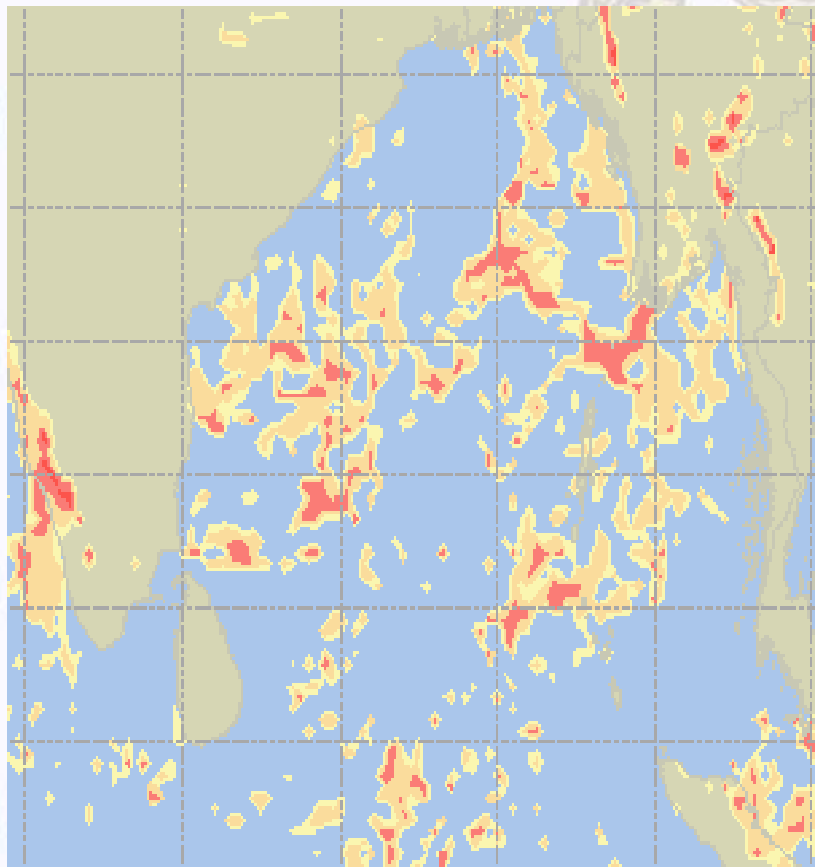




Visibility at Sea Forecast – 17 & 18 July- 2020

17 July 2020 Friday

18 July 2020 Saturday



Visibility Scale:

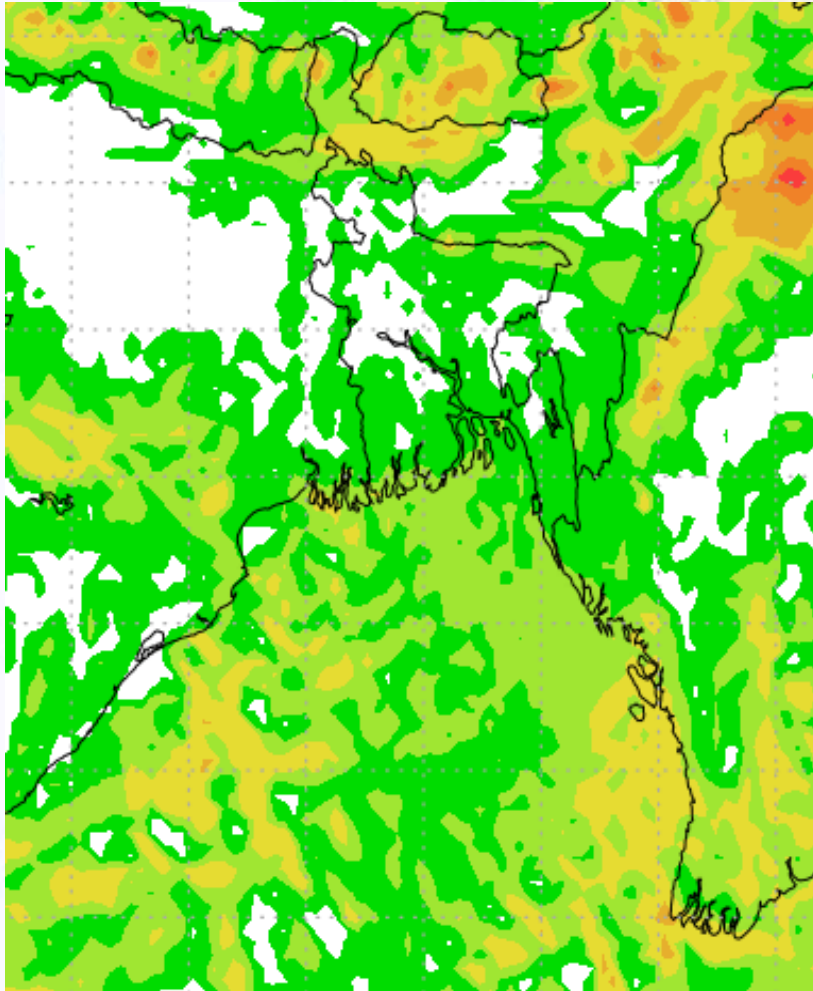


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

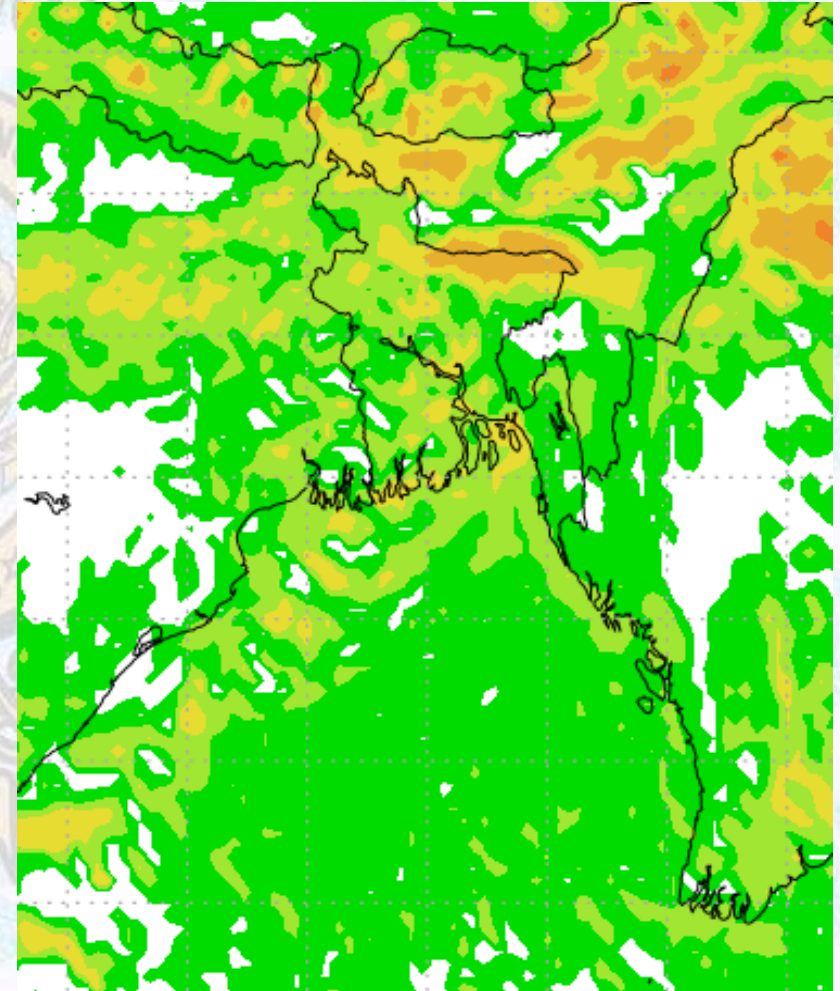


Precipitation

Rain(mm) 17 & 18 July 2020



Rain(mm) 18 & 19 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

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
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