



WEATHER FORECAST FOR BN

18-21 MAY 2020





WEATHER FORECAST – DHAKA

18.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 24	35 / 24	31 / 25	29 / 25
Wind	10 km/h S	9 km/h S	8 km/h ESE	8 km/h SSE
Humidity	53%	53%	69%	77%
Chance of Precip	2%	2%	2%	8%
Cloud Cover	30%	34%	54%	73%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 16 AM 6: 36 PM			

Conditions

Pressure : 1003 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

18.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 25	32 / 25	30 / 27	29 / 28
Wind	12 km/h SW	15 km/h SW	9 km/h SSW	5 km/h SSE
Humidity	65%	69%	82%	92%
Chance of Precip.	1%	2%	4%	21%
Cloud Cover	34%	35%	80%	86%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 13 AM 6: 28 PM			

Conditions

Pressure : 1004 hpa

Visibility : 4.83 Km

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



WEATHER FORECAST – KHULNA

18.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 25	35 / 24	31 / 25	29 / 26
Wind	14 km/h SSE	16 km/h SSE	13 km/h S	7 km/h S
Humidity	55%	54%	74%	86%
Chance of Precip.	3%	3%	3%	5%
Cloud Cover	41%	61%	83%	90%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise	5: 22 AM			
Sunset	6: 38 PM			

Conditions

Pressure : 1004 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	19 May 2020	20 May 2020	21 May 2020
Temperature (C)	31 °C/ 26 °C	28 °C/ 25 °C	31 °C/ 26 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h14m06s/18h36m12s	5h13m06s/18h36m12s	5h13m24s/18h37m06s
Day Length	13h22m06s	13h23m06s	13h23m42s
Moon Rise/ Set	03:14AM 03:43PM	03:46AM 04:33PM	04:19AM 05:25PM
Moon Phase/ illu	Wanning Crescent 8%	Wanning Crescent 4%	Wanning Crescent 1%
NauticalTwilight	0420,1929	0420,1928	0419,1930
Civil Twilight	0449,1900	0450,1900	0449,1901
Humidity	D : 73% N : 87%	D : 83% N : 83%	D : 78% N : 90%
Barometer (mb)	1001	998	990
Visibility	Good	Good	Good
Precip Chance	50%	90%	50%
Wind (mph)	11 Km/h E	58 Km/h E	73 Km/h WSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 May 2020	20 May 2020	21 May 2020
Temperature (C)	31°C/ 27°C	30°C/ 27°C	31°C/ 26°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h11m00s/18h27m42s	5h10m00s/18h27m42s	5h10m24s/18h28m30s
Day Length	13h16m42s	13h17m42s	13h18m06s
Moon Rise/ Set	03:08AM 03:37PM	03:46AM 04:33PM	04:14AM 05:17PM
Moon Phase/ illu	Wanning Crescent 8%	Wanning Crescent 4%	Wanning Crescent 1%
NauticalTwilight	0418, 1920	0417, 1920	0417, 1921
Civil Twilight	0447, 1851	0446, 1850	0446, 1852
Humidity	D : 78% N : 87%	D : 80% N : 90%	D : 82% N : 94%
Barometer (mb)	1003	998	997
Visibility	Good	Good	Good
Precip Chance	60%	90%	80%
Wind (mph)	7 Km/h E	54 Km/h SE	48 Km/h SSW

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



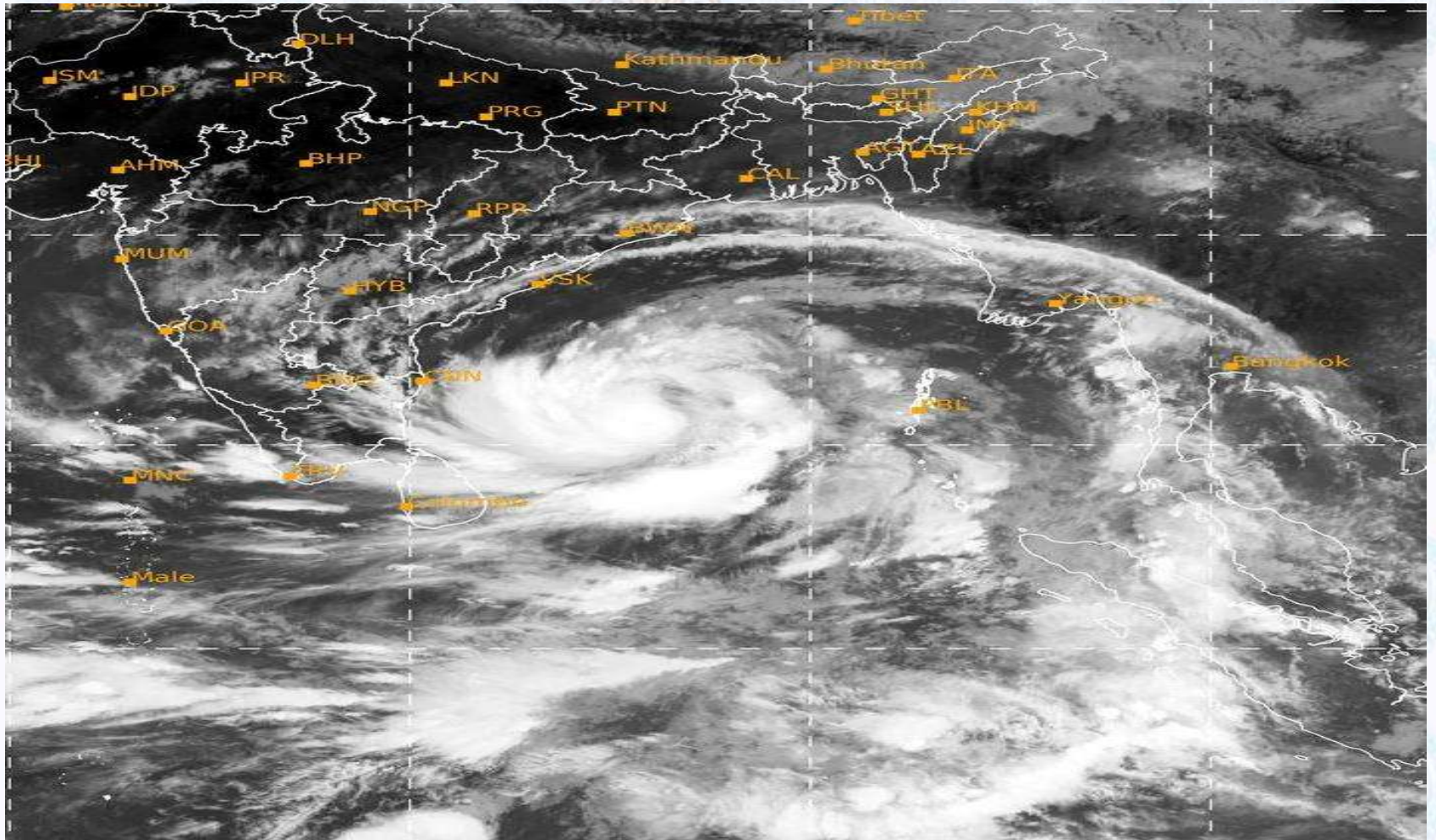
GENERAL WEATHER FORECAST – KHULNA

Description	19 May 2020	20 May 2020	21 May 2020
Temperature(C)	29°C/ 25°C	27°C/ 24°C	32°C/ 26°C
Summary	Partly cloudy	Partly cloudy	Partly cloudy
Sun Rise/Set	5h19m12s/18h37m48s	5h18m12s/18h37m48s	5h18m36s/18h38m42s
Day Length	13h18m36s	13h19m36s	13h20m06s
Moon Rise/Set	03:18AM 03:47PM	03:46AM 04:33PM	04:24AM 05:28PM
Moon Phase/illu	Wanning Crescent 8%	Wanning Crescent 4%	Wanning Crescent 1%
Nautical Twilight	0426, 1930	0425, 1930	0425, 1931
Civil Twilight	0455, 1901	0455, 1900	0454, 1902
Humidity	D : 88% N : 91%	D : 95% N : 91%	D : 79% N : 92%
Barometer (mb)	1001	997	991
Visibility	Good	Good	Good
Precip Chance	70%	90%	40%
Wind (mph)	17 km/h E	99 km/h E	50 km/h WSW

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



SATELLITE VIEW OF BAY OF BENGAL

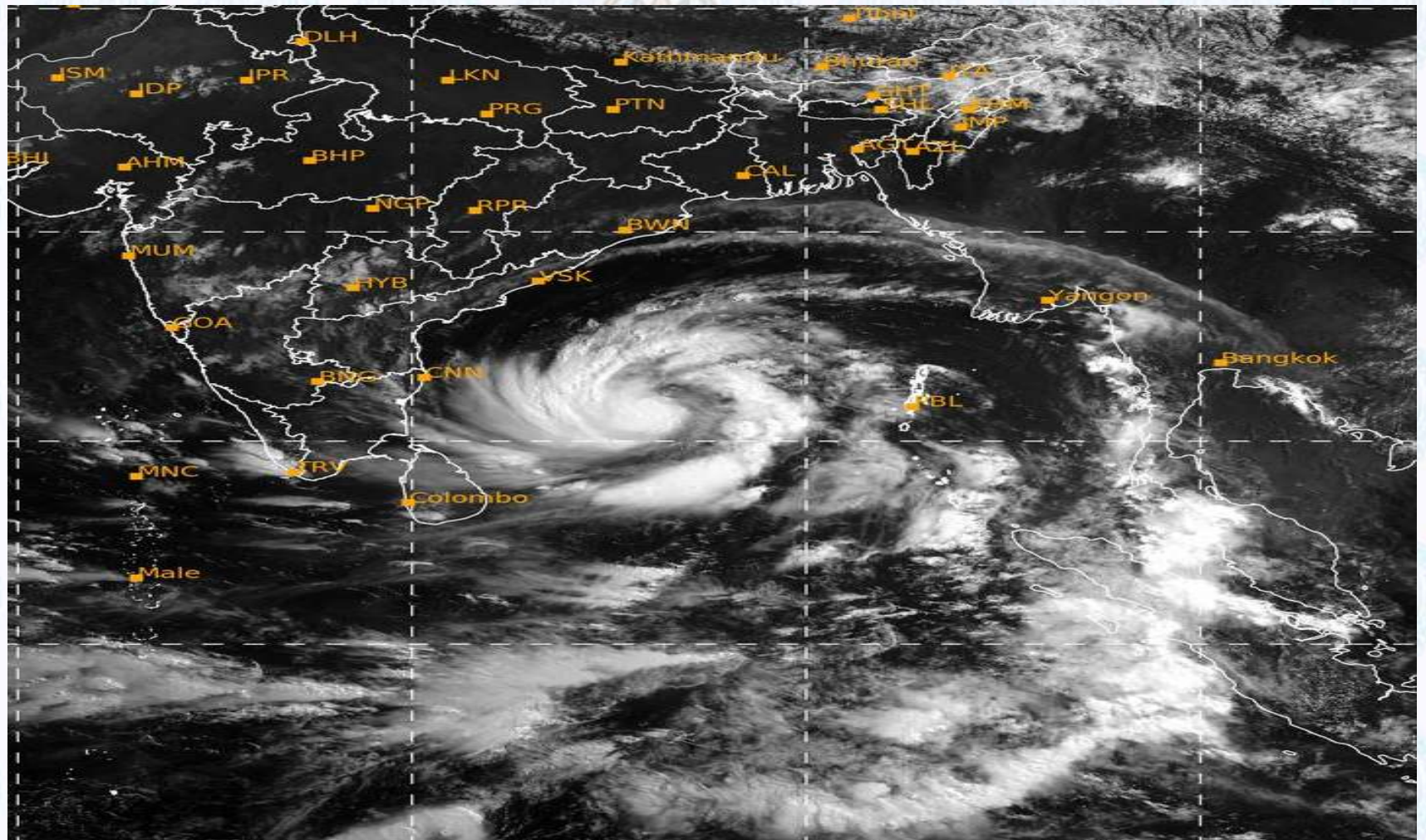


18/05/2020, 12:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



18/05/2020, 12:00 MATSAT-VIS

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 18.05.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	THE VERY SEVERE CYCLONIC STORM “ AMPHAN ” (PRONUNCIATION :UM-PUN)(ECP:988HPA) OVER SOUTHEAST BAY AND ADJOINING SOUTHWEST BAY MOVED NORTHWARDS AND LOW LIES OVER THE WEST CENTRAL BAY AND ADJOINING SOUTH BAY AND WAS CENTRED AT 18,0000 UTC WITHIN HALF A DEGREE OF LAT 13.4°N AND LONG 86.4°E (R) LAT 13.4°N AND LONG 86.4°E. IT IS LIKELY TO INTENSIFY FURTHER AND MOVE IN A NORTH-NORTHWESTERLY DIRECTION AND THEN RECURVE NORTH-NORTHEASTWARDS AND MAY CROSS BANGLADESH COAST BETWEEN KHULNA CHATTOGRAM DURING LATE NIGHT 19 MAY 2020 TO AFTERNOON EVENING 20 MAY 2020.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY , 20-25 KTS, TEMPORARY GUSTING TO 35-40 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =18,0000 UTC. CHATTOGRAM =1003 HPA



Inland River Port Warning (VALID TILL 07 PM OF 18.05.2020)

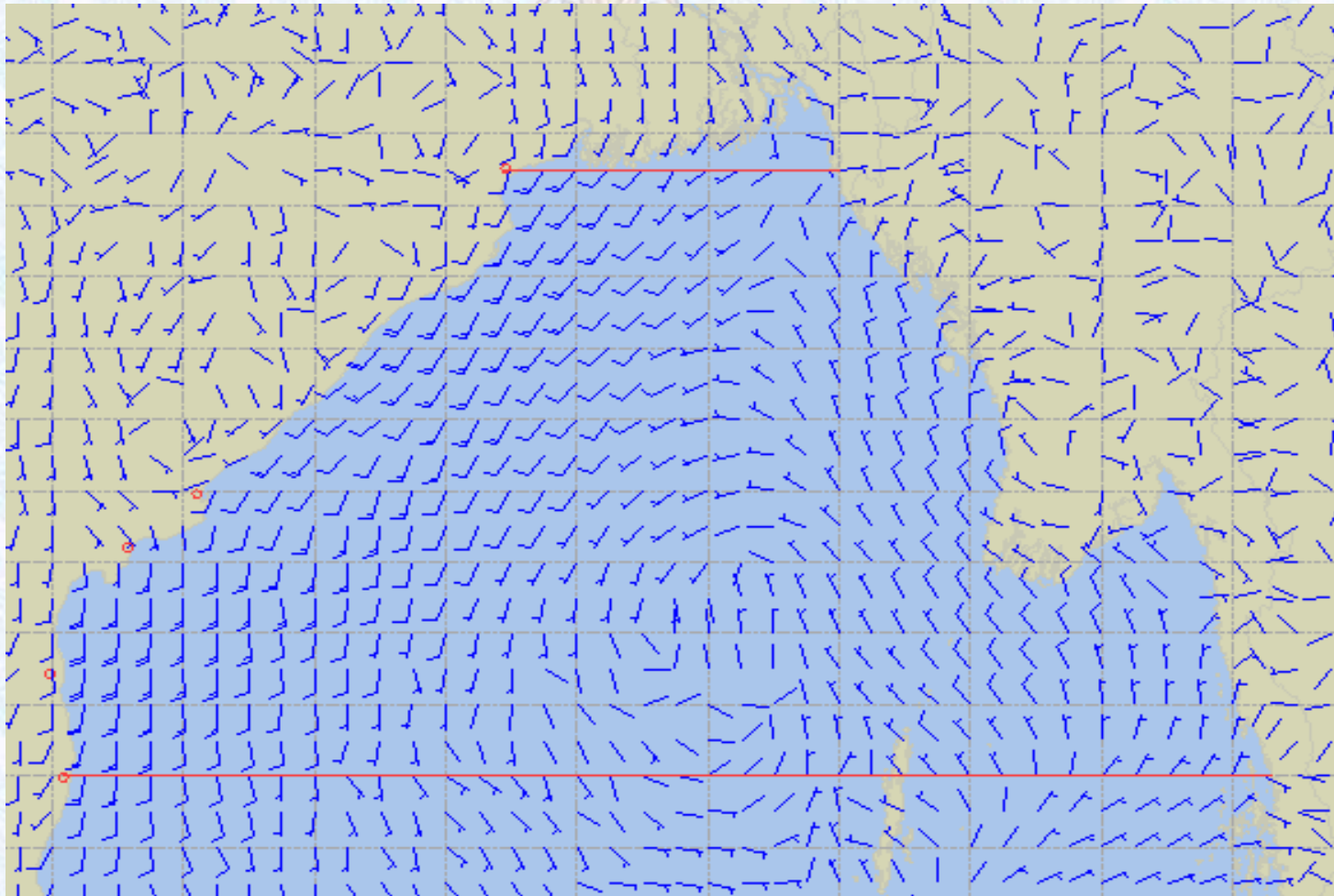
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 19 May - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



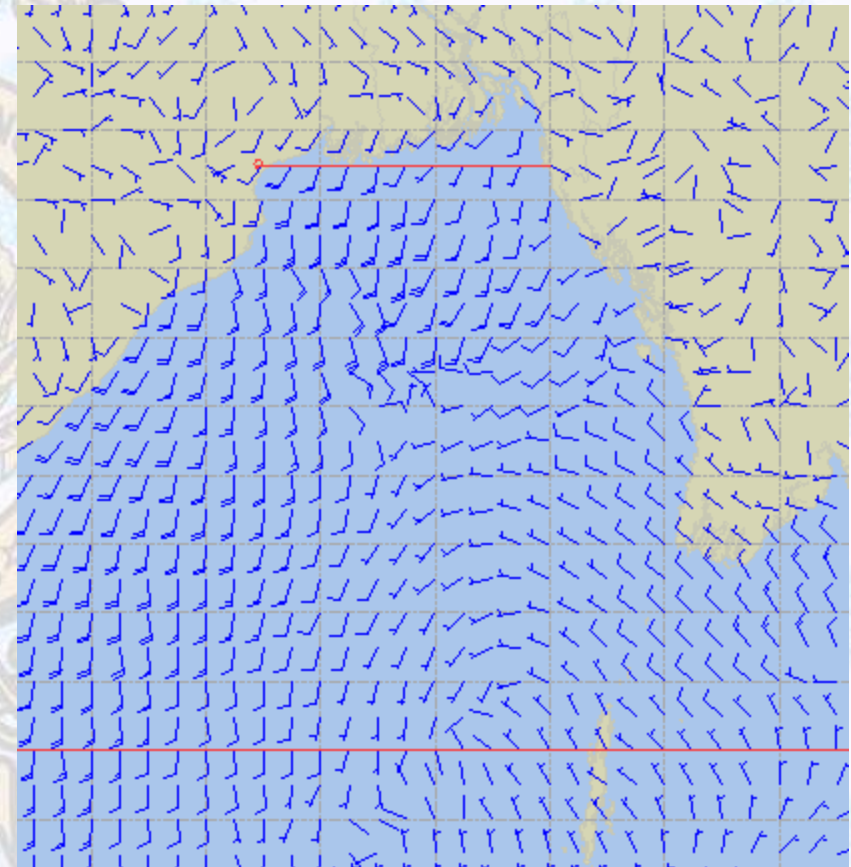
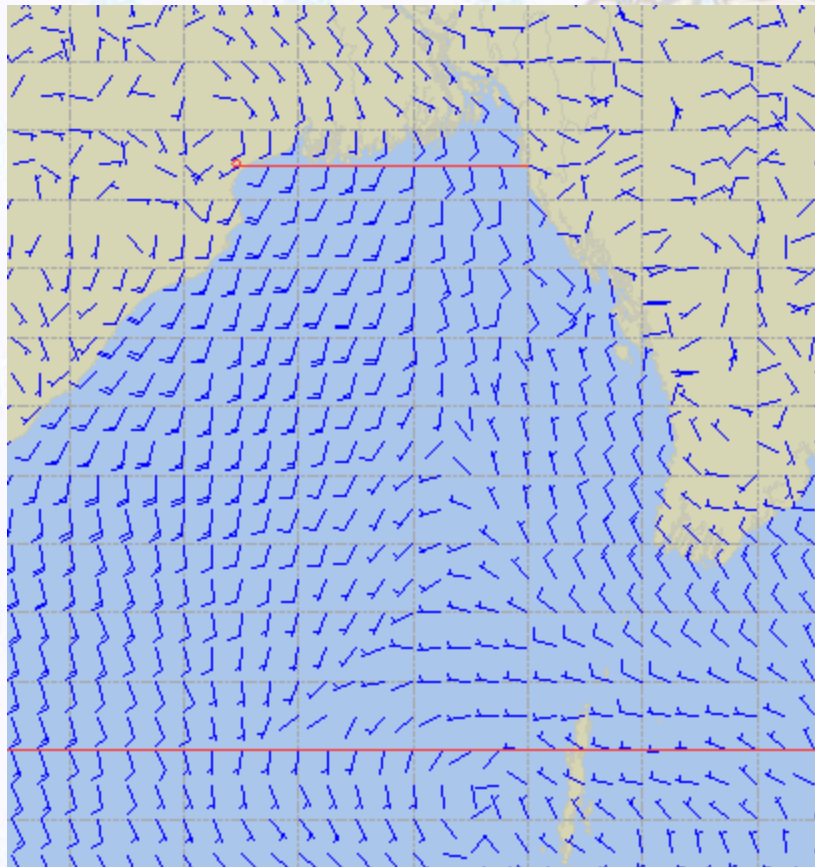
60 Knots



Surface Wind Forecast – 20 & 21 May- 2020

20 May 2020 Wednesday

21 May 2020 Thursday



Legend:



Calm
Winds



5 Knots



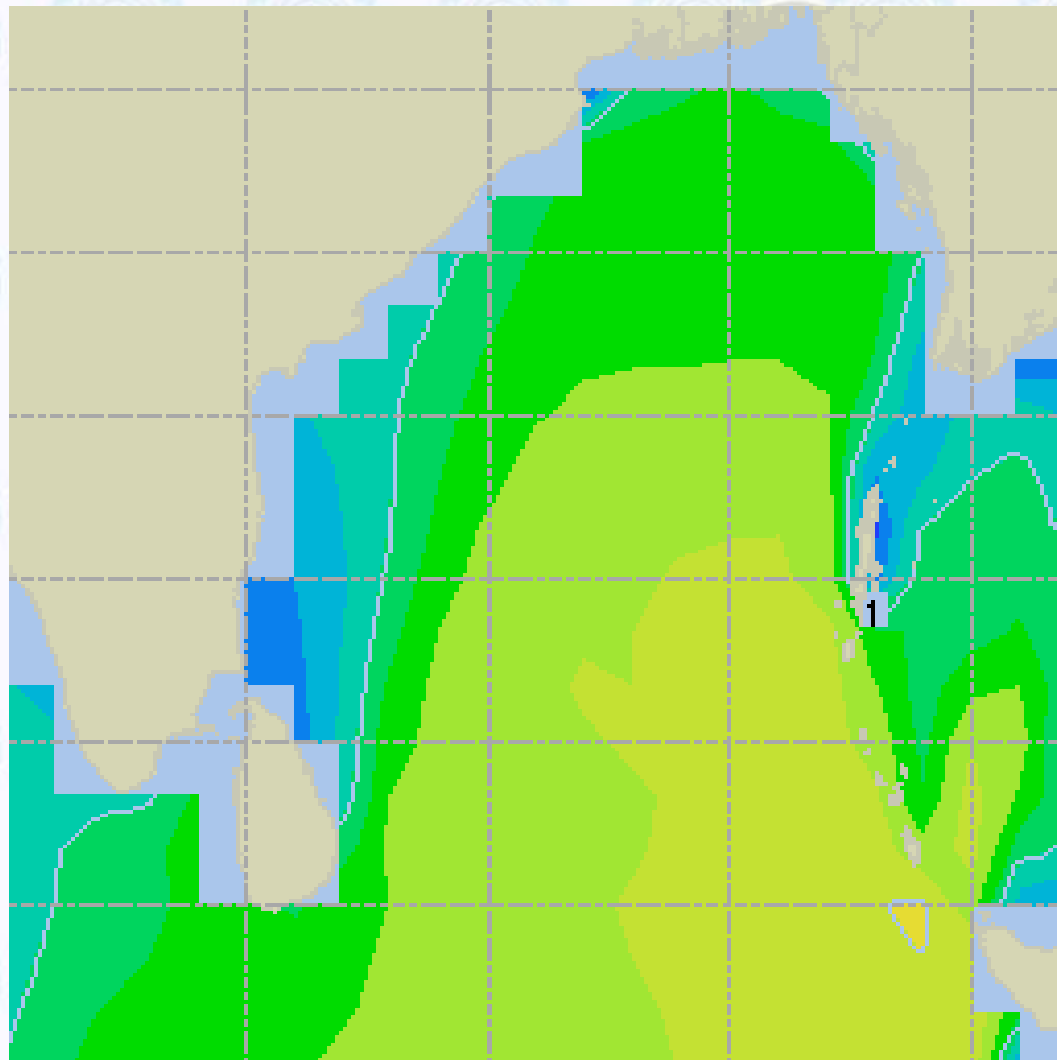
10 Knots



60 Knots



Sea State Forecast – 19 May - 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

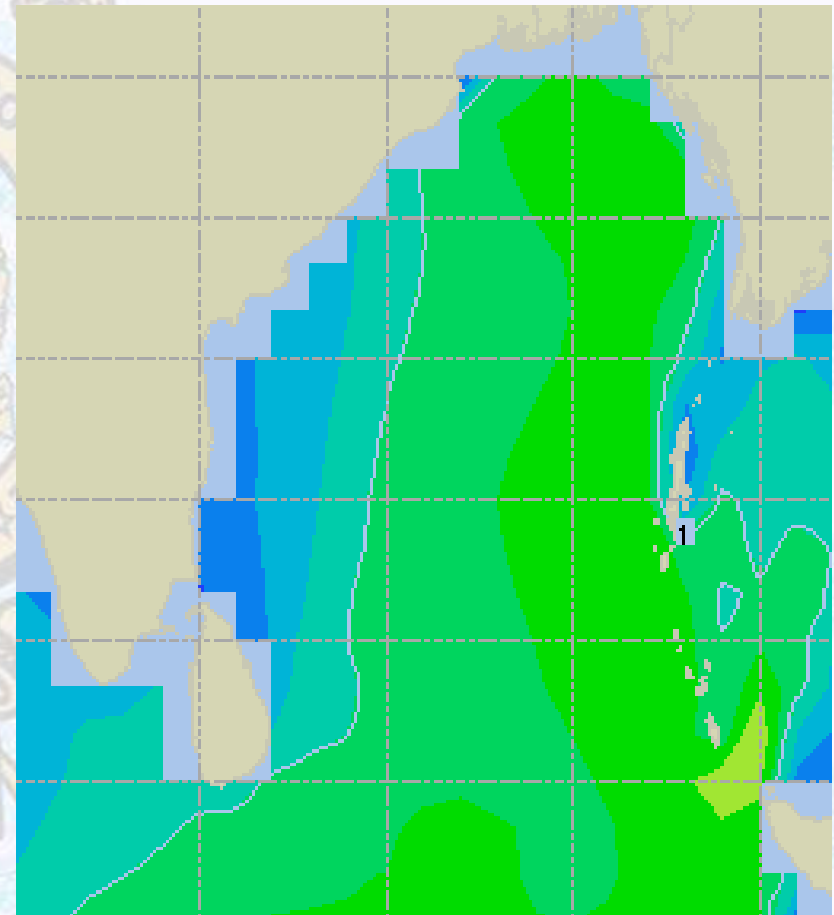
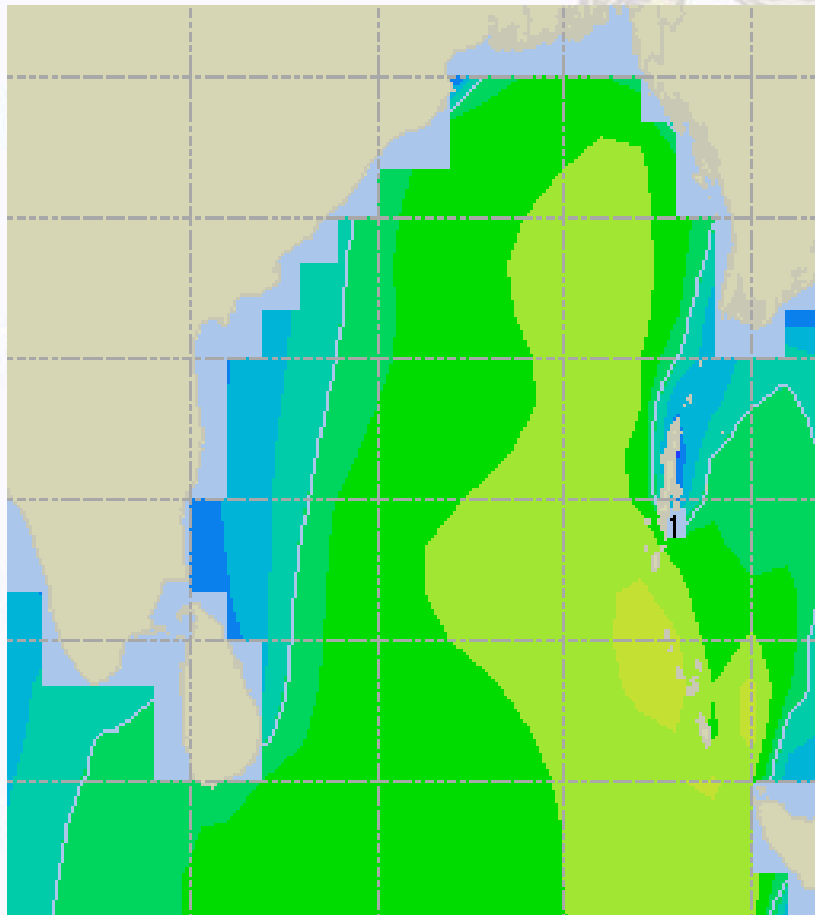




Sea State Forecast– 20 & 21 May- 2020

20 May 2020 Wednesday

21 May 2020 Thursday

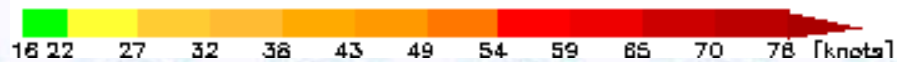
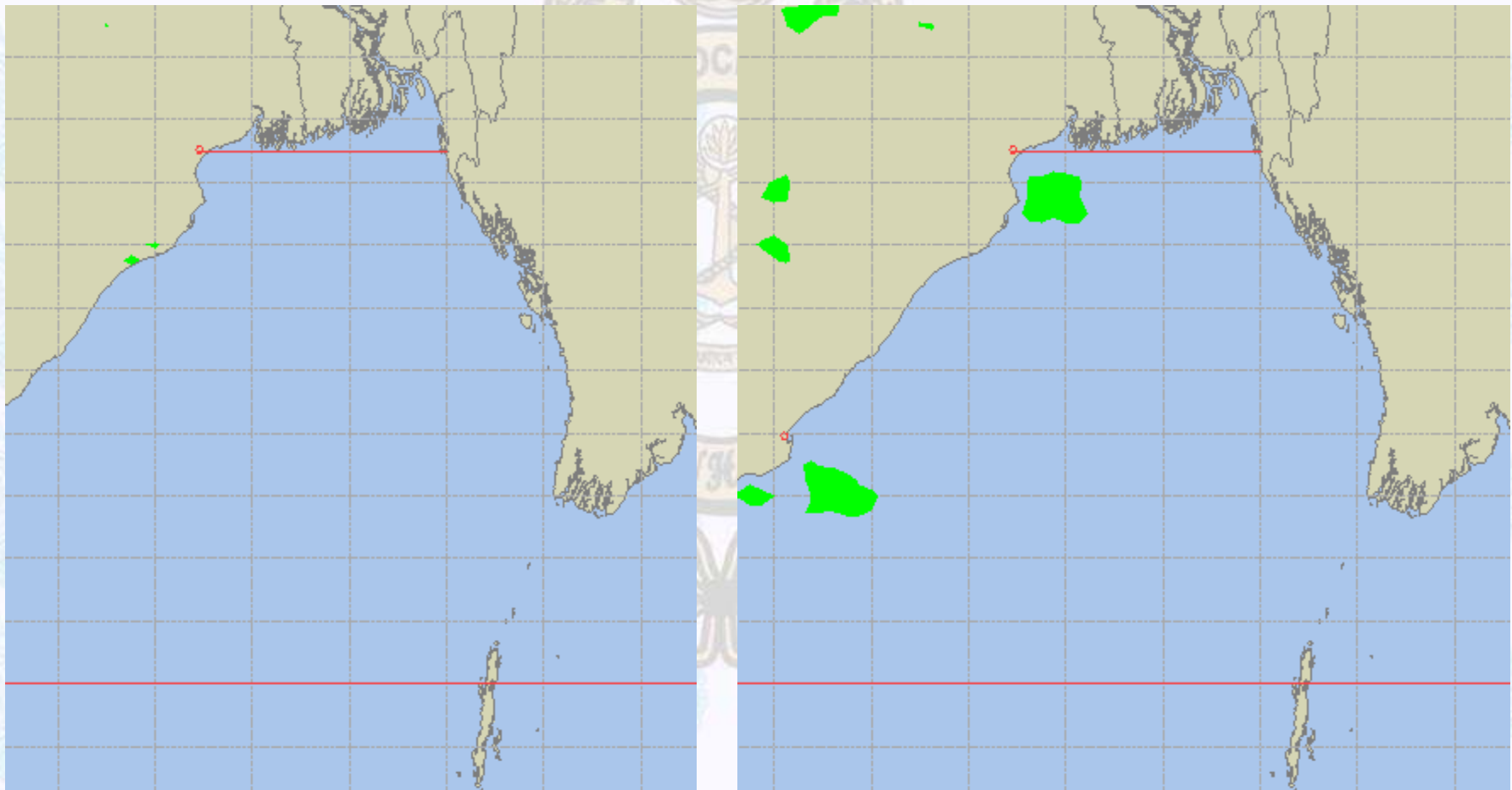




Peak Gusting Possibilities – 18 & 19 May 2020

19 May 2020 Tuesday

20 May 2020 Wednesday

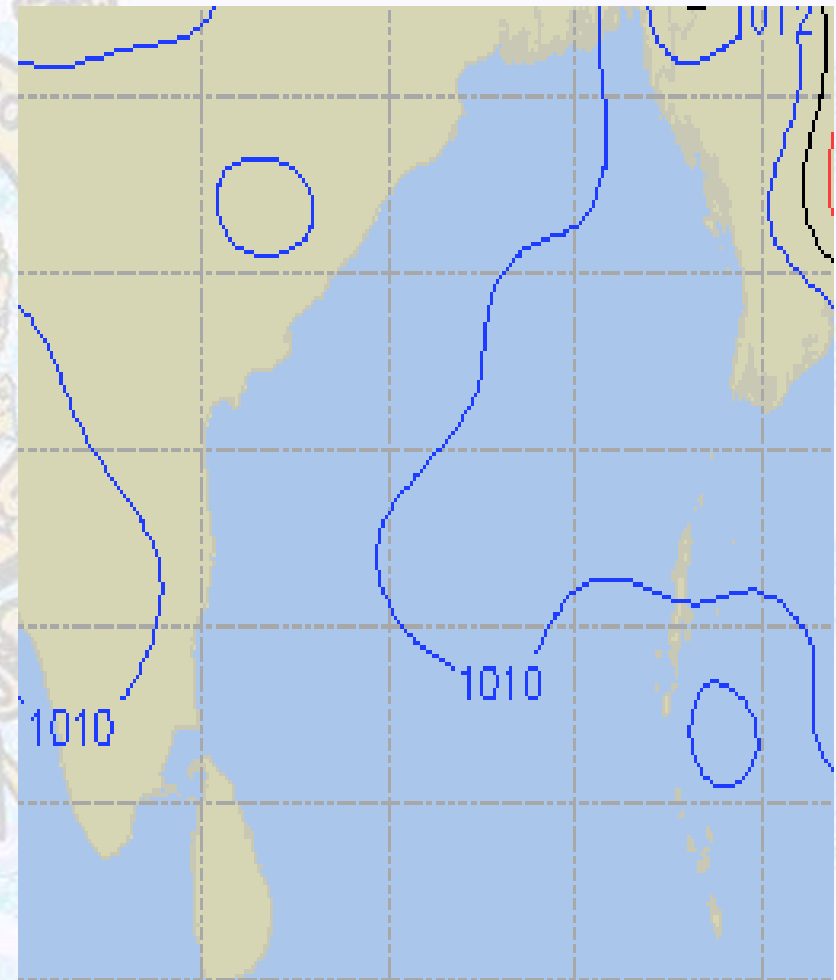
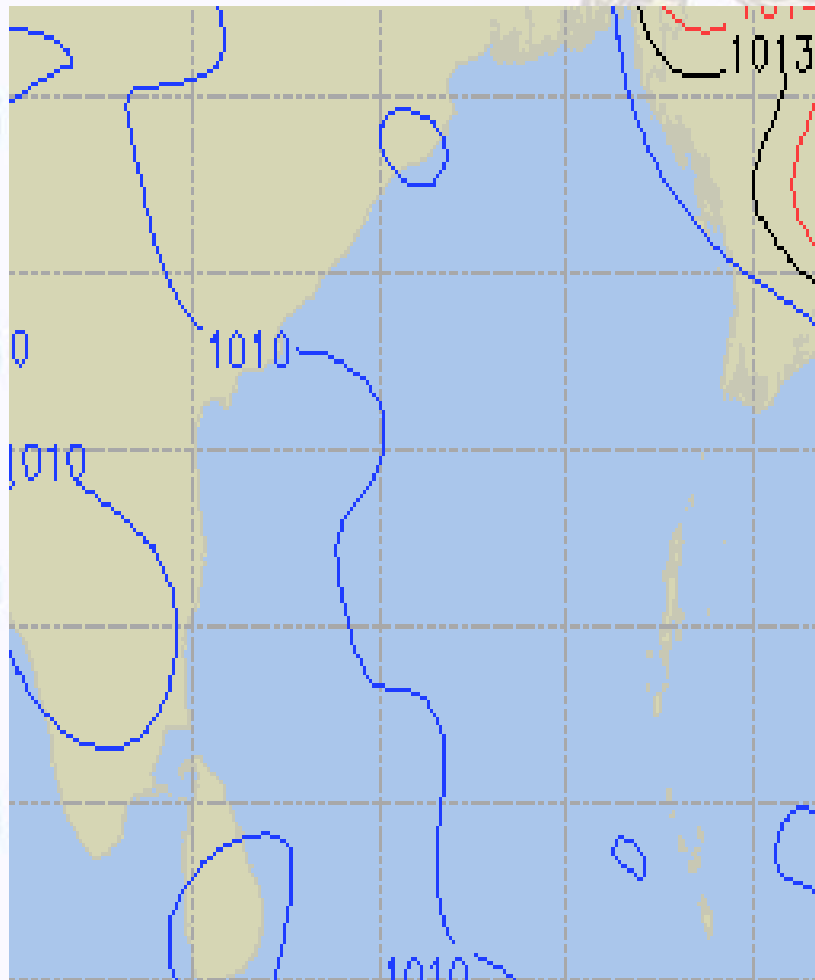




Surface Pressure forecast – 19 & 20 May 2020

19 May 2020 Tuesday

20 May 2020 Wednesday

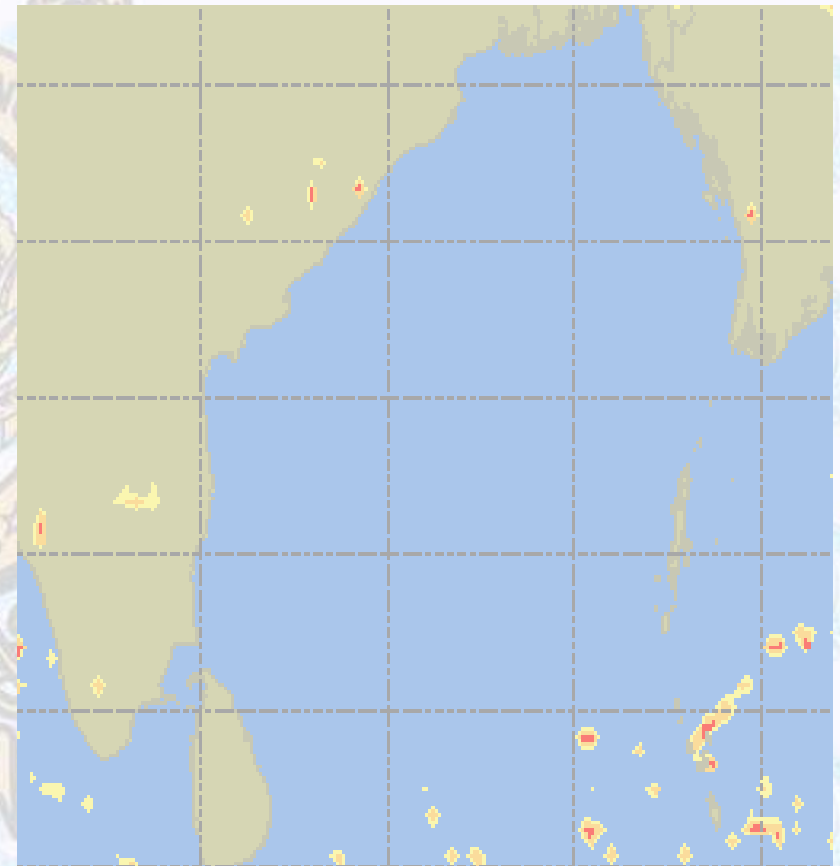
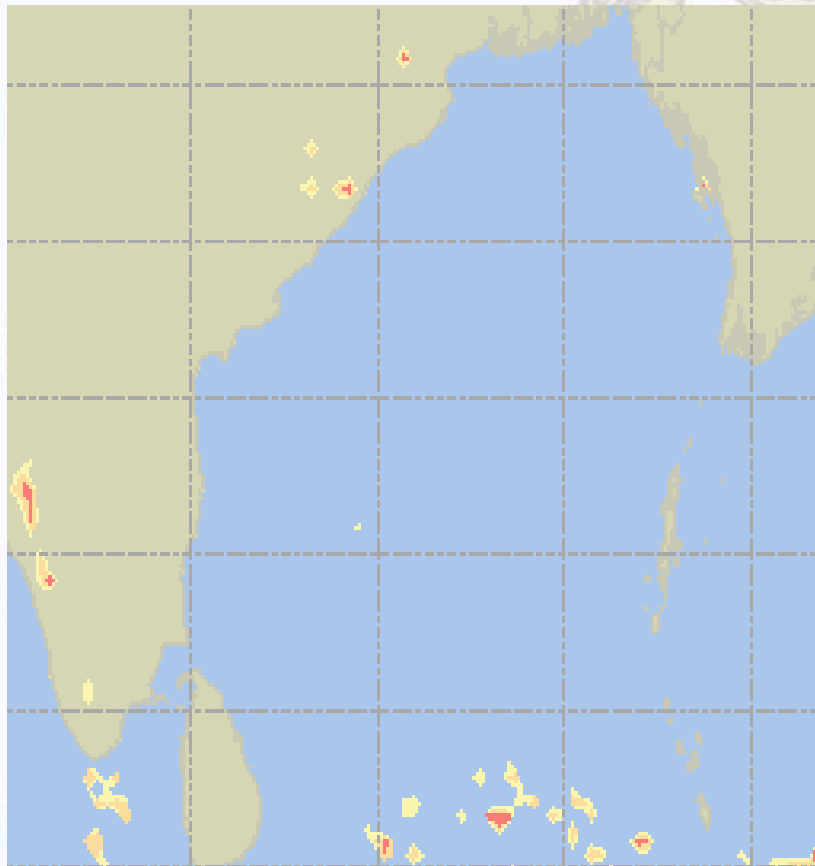




Visibility at Sea Forecast – 19 & 20 May - 2020

19 May 2020 Tuesday

20 May 2020 Wednesday



Visibility Scale:



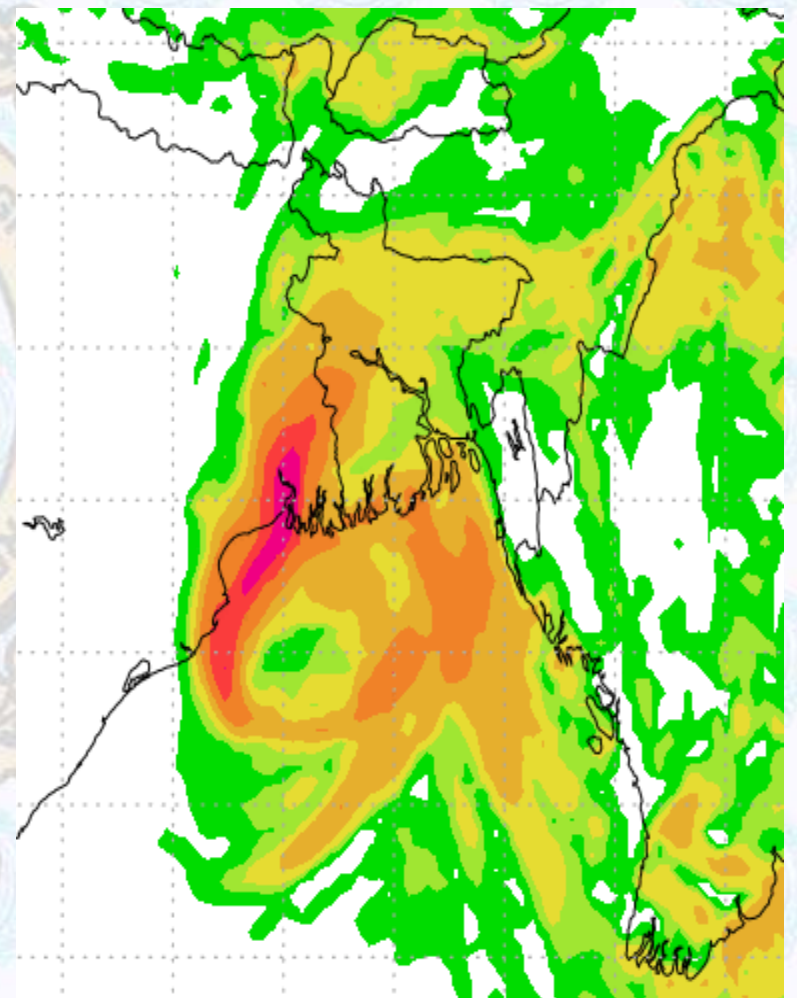
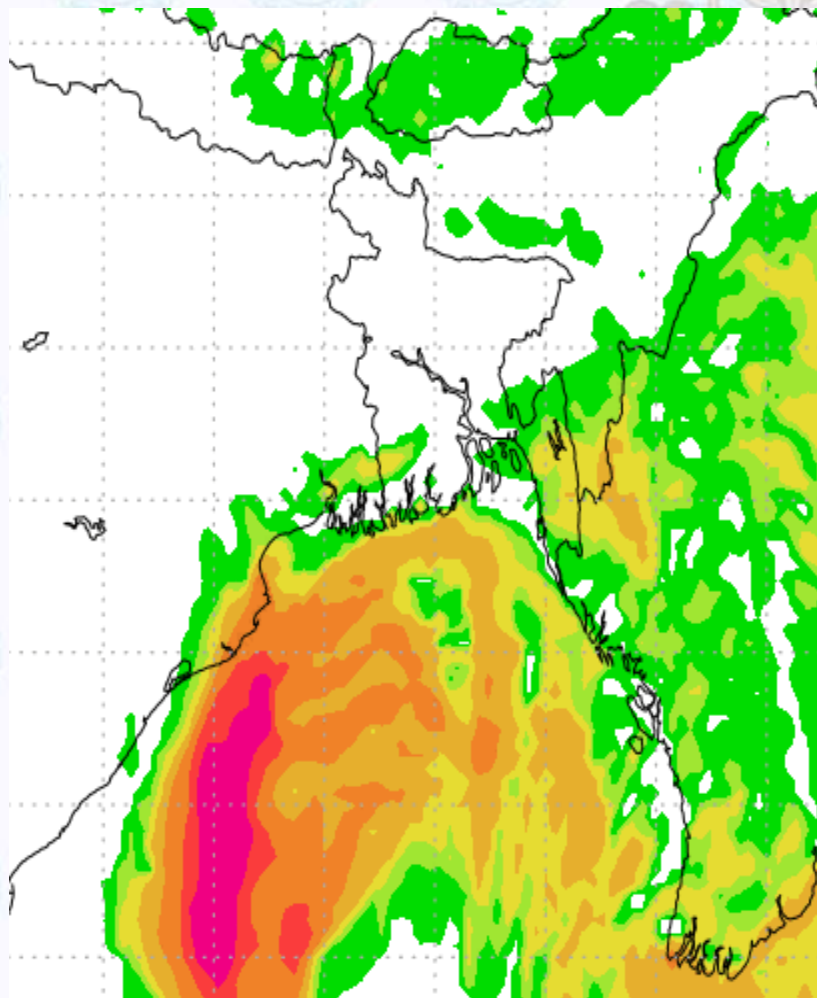
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



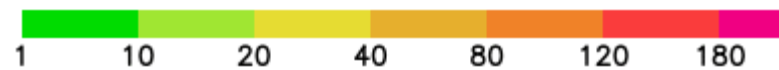
Precipitation

Rain(mm) 19 & 20 May 2020

Rain(mm) 19 & 20 May 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
19 May 2020	0516	1.01		0513	2.48		0230	1.03
	1123	4.55		1157	0.75		0850	2.86
	1745	1.03		1804	2.54		1502	1.16
	2333	4.39		-	-		2055	2.73
20 May 2020	Time	Height		Time	Height		Time	Height
	0553	0.89		0334	0.95		0307	0.92
	1155	4.72		0926	3.32		0924	2.99
	1820	0.90		1601	0.96		1540	1.04
	-	-		2139	3.15		2131	2.78
21 May 2020	Time	Height		Time	Height		Time	Height
	0006	4.50		0411	0.83		0341	0.82
	0626	0.79		1000	3.50		0955	3.09
	1223	4.84		1637	0.86		1615	0.95
	1853	0.82		2212	3.25		2205	2.83