



WEATHER FORECAST FOR BN

21 - 24 MAY 2020



WEATHER FORECAST – DHAKA

21.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 24	28 / 24	27 / 23	26 / 24
Wind	38 km/h SSW	38 km/h SSW	18 km/h S	18 km/h S
Humidity	76%	78%	82%	84%
Chance of Precip	12%	11%	16%	15%
Cloud Cover	95%	93%	93%	83%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 15 AM 6: 37 PM			

Conditions

Pressure : 998 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

21.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	30 / 27	29 / 27	28 / 27
Wind	29 km/h S	29 km/h S	20 km/h S	18 km/h S
Humidity	79%	81%	85%	92%
Chance of Precip.	17%	15%	67%	62%
Cloud Cover	88%	78%	92%	80%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 12 AM 6: 29 PM			

Conditions

Pressure : 1000 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

21.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 27	28 / 26	27 / 26	26 / 25
Wind	27 km/h SW	23 km/h WSW	10 km/h WSW	10 km/h SW
Humidity	85%	85%	87%	90%
Chance of Precip.	9%	9%	10%	19%
Cloud Cover	90%	90%	77%	80%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 21 AM 6: 39 PM			

Conditions

Pressure : 998 hpa

Visibility : 16.09 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	22 May 2020	23 May 2020	24 May 2020
Temperature (C)	32 °C/ 26 °C	34 °C/ 26 °C	34 °C/ 27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h13m00s/18h37m36s	5h12m42s/18h38m06s	5h12m18s/18h38m36s
Day Length	13h24m36s	13h25m24s	13h26m18s
Moon Rise/ Set	04:55AM 06:18PM	05:35AM 07:13PM	06:18AM 08:09PM
Moon Phase/ illu	Wanning Crescent 0%	New Moon 1%	New Moon 4%
NauticalTwilight	0419,1931	0418,1932	0418,1932
Civil Twilight	0448,1901	0448,1902	0447,1902
Humidity	D : 76% N : 88%	D : 72% N : 86%	D : 70% N : 82%
Barometer (mb)	1001	1004	1004
Visibility	Good	Good	Good
Precip Chance	50%	30%	20%
Wind (mph)	17 Km/h SW	13 Km/h SSW	17 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	22 May 2020	23 May 2020	24 May 2020
Temperature (C)	31°C/ 26°C	32°C/ 26C	32°C/ 27C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h10m00s/18h29m00s	5h09m48s/18h29m30s	5h09m24s/18h30m00s
Day Length	13h19m00s	13h19m42s	13h20m36s
Moon Rise/ Set	04:51AM 06:10PM	05:31AM 07:05PM	06:15AM 08:01PM
Moon Phase/ illu	New Moon 0%	New Moon 1%	New Moon 4%
NauticalTwilight	0417, 1922	0416, 1922	0416, 1923
Civil Twilight	0446, 1853	0445, 1853	0445, 1854
Humidity	D : 84% N : 92%	D : 80% N : 93%	D : 79% N : 91%
Barometer (mb)	1003	1006	1006
Visibility	Good	Good	Good
Precip Chance	80%	20%	40%
Wind (mph)	20 Km/h S	18 Km/h SSW	19 Km/h SSW

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



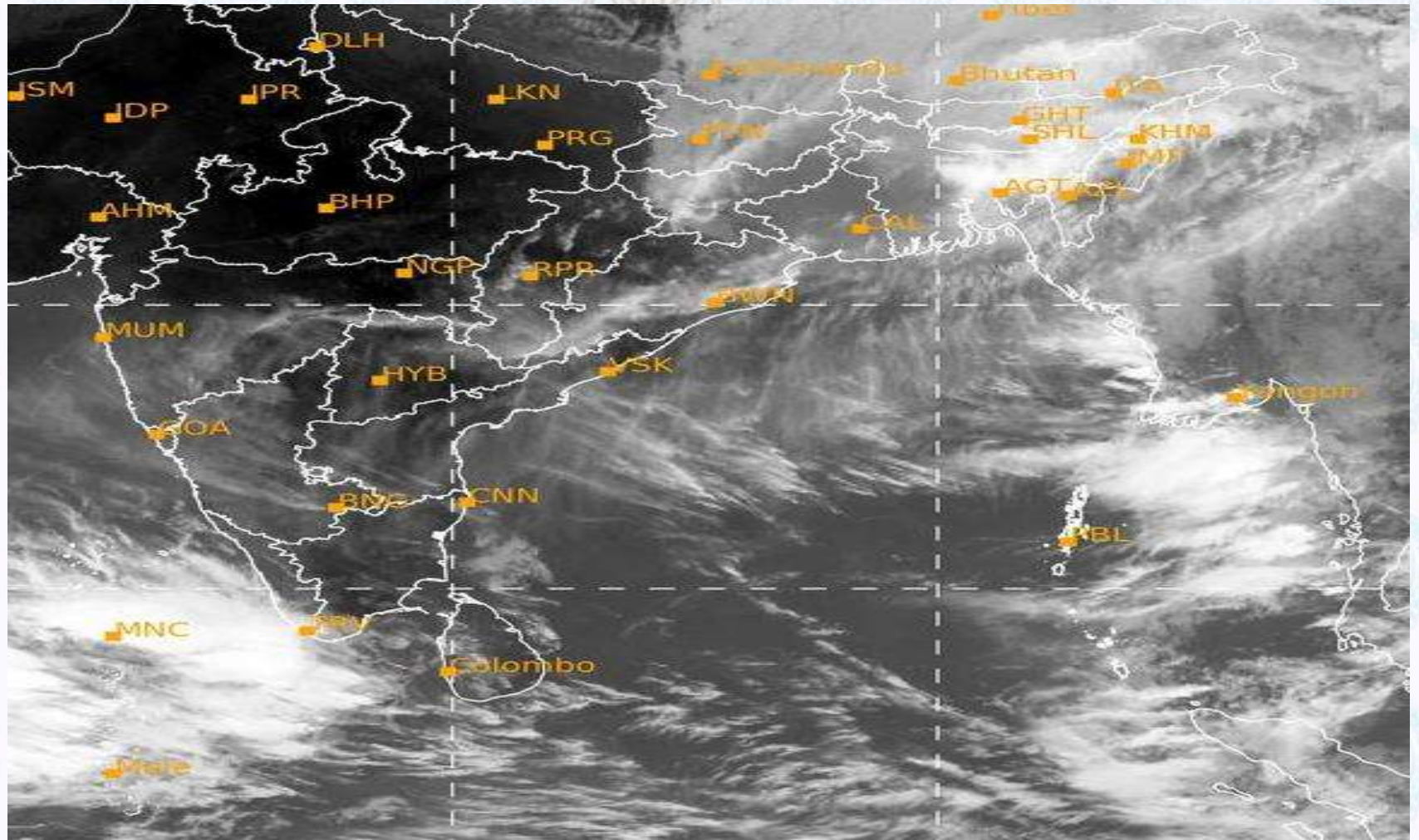
GENERAL WEATHER FORECAST – KHULNA

Description	22 May 2020	23 May 2020	24 May 2020
Temperature(C)	34°C/ 27°C	35°C/ 27°C	34°C/ 28°C
Summary	Partly cloudy	Partly cloudy	Partly cloudy
Sun Rise/Set	5h18m12s/18h39m12s	5h17m54s/18h39m42s	5h17m36s/18h40m12s
Day Length	13h21m00s	13h21m48s	13h22m36s
Moon Rise/Set	05:01AM 06:20PM	05:41AM 07:15PM	06:25AM 08:11PM
Moon Phase/illu	New Moon 0%	New Moon 1%	New Moon 4%
Nautical Twilight	0424, 1932	0424, 1933	0424, 1933
Civil Twilight	0454, 1903	0453, 1903	0453, 1904
Humidity	D : 76% N : 92%	D : 76% N : 90%	D : 74% N : 86%
Barometer (mb)	1001	1004	1004
Visibility	Good	Good	Good
Precip Chance	10%	20%	10%
Wind (mph)	17 km/h SSW	19 km/h SSW	23 km/h SSW

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



SATELLITE VIEW OF BAY OF BENGAL

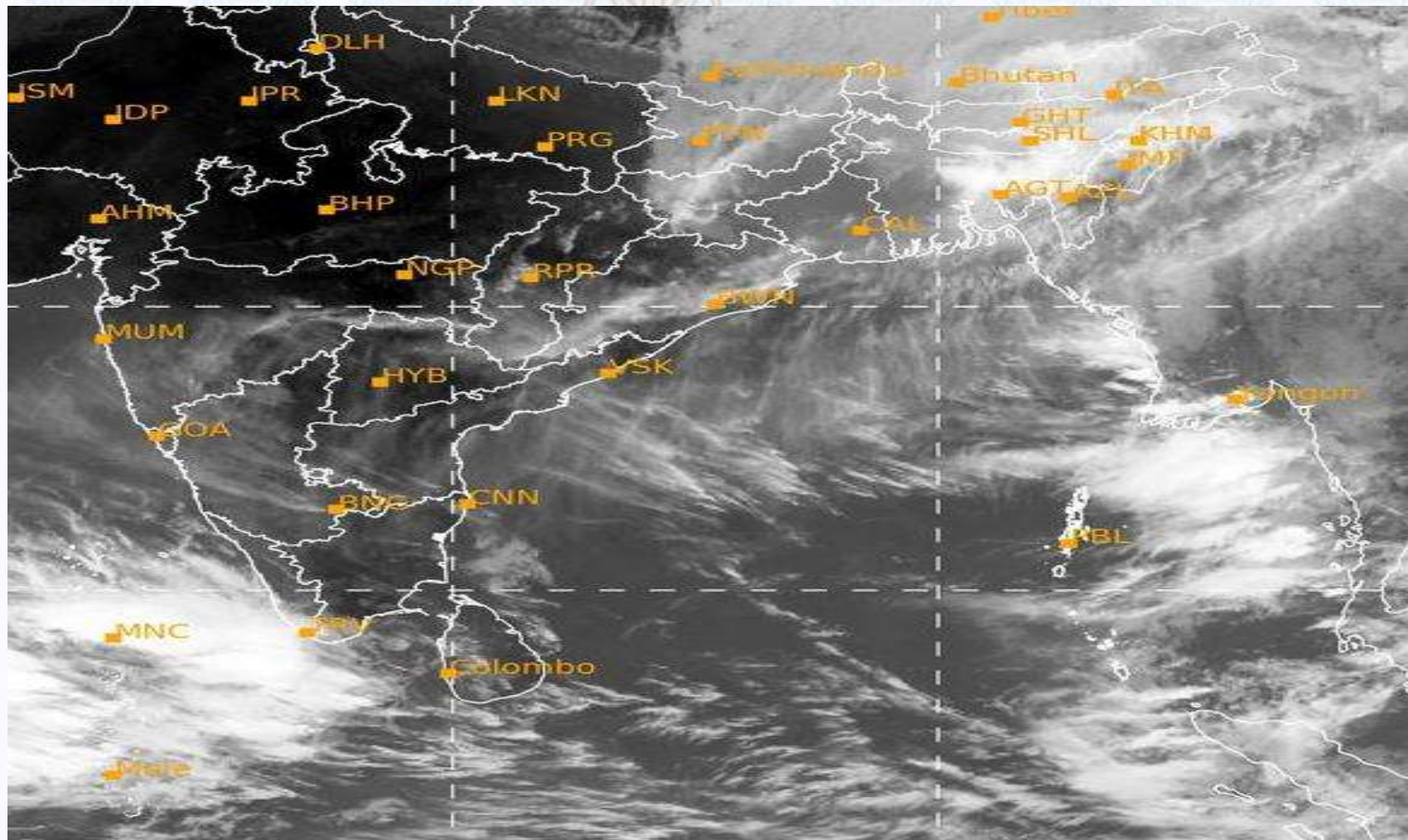


21/05/2020, 12:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



21/05/2020, 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 21.05.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	<p>THE CYCLONE 'AMPHAN' OVER JHENAIDAH DISTRICT AND ADJOINING AREA MOVED NORTHWARDS AND NOW LIES OVER RAJSHAHI-PABNA REGION AND ADJOINING AREA AND WAS CENTRED AT 21,0300 UTC WITHIN HALF A DEGREE OF LAT 24.5° NORTH AND LONG 89.0° EAST (R) LAT 24.5° NORTH AND LONG 89.0° EAST. AS A LAND DEEP DEPRESSION. IT IS LIKELY TO MOVE IN A NORTH-NORTHEASTERLY DIRECTION FURTHER AND WEAKEN GRADUALLY BY GIVIING PRECIPITATION.</p> <p>UNDER ITS INFLUENCE STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY AND ADJOINING COASTAL AREAS OF BANGLADESH. SEA WILL REMAIN ROUGH.</p>	
Part Three	Weather	RAIN/T.SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY, 12-20 KTS. TEMPORARY GUSTING TO 30 KTS.
	Visibility	02-04 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =21,0000 UTC. CHATTOGRAM =1000 HPA



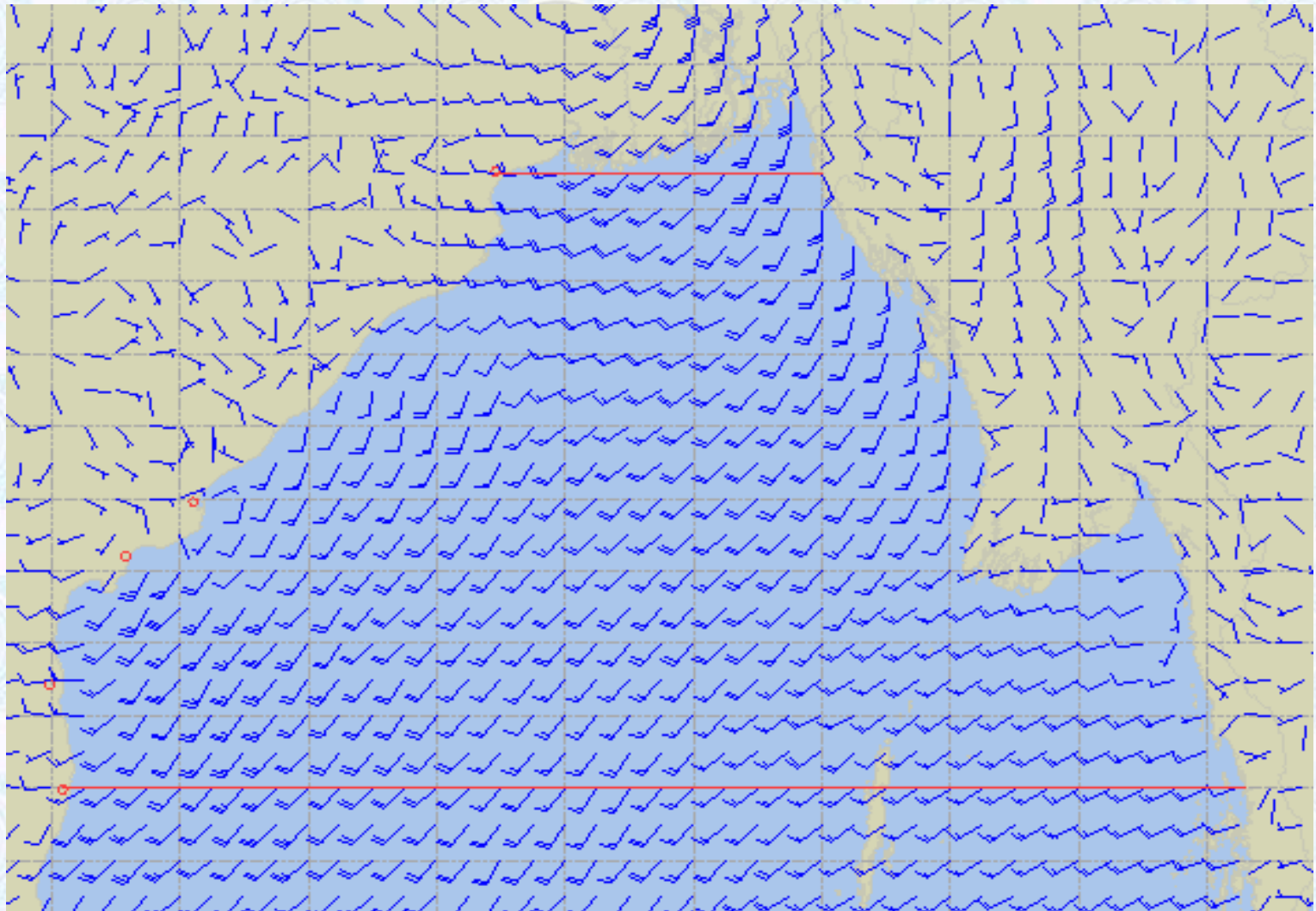
Inland River Port Warning **(VALID TILL 07 PM OF 21.05.2020)**

RAIN/THUNDER SHOWERS ACOMPANIED BY TEMPORARY **SOUTH/SOUTH-EASTERLY**, SQUALLS SPEED **60-80 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, RANGPUR, BOGURA, DINAJPUR, PABNA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. **TWO (R) TWO**.

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



Surface Wind Forecast- 22 May - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



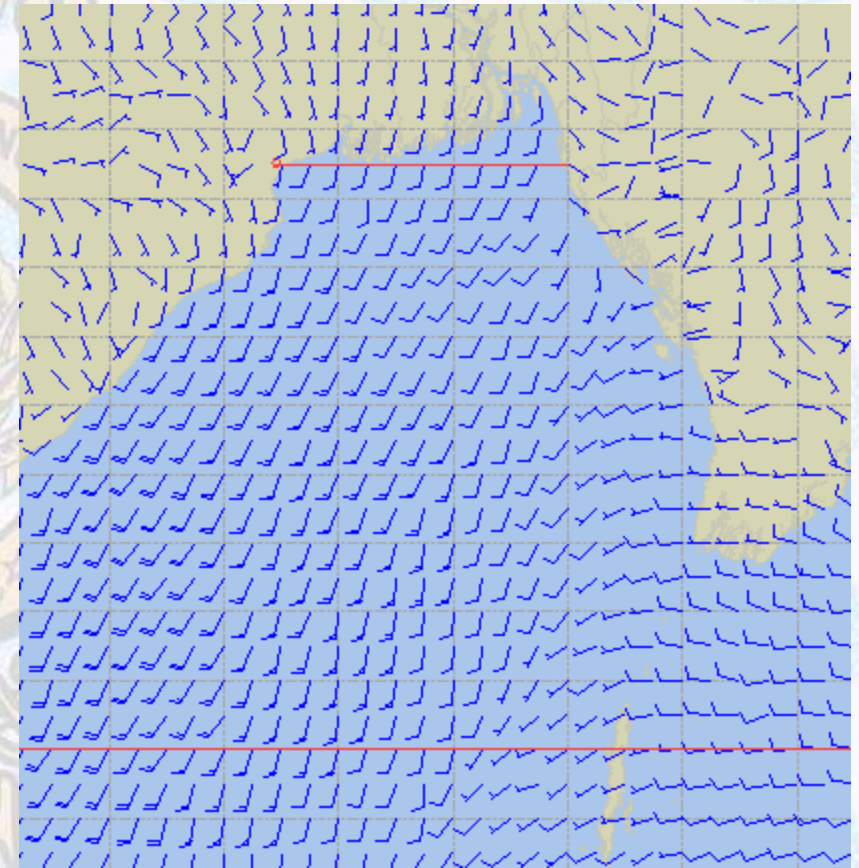
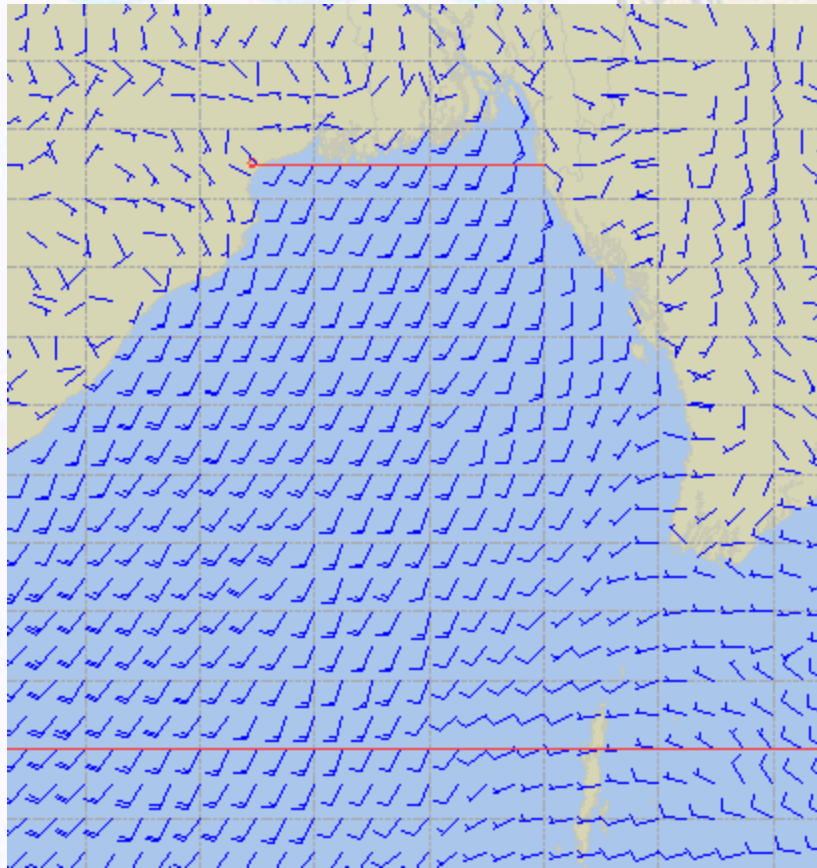
60 Knots



Surface Wind Forecast – 23 & 24 May- 2020

23 May 2020 Saturday

24 May 2020 Sunday



Legend:



**Calm
Winds**



5 Knots



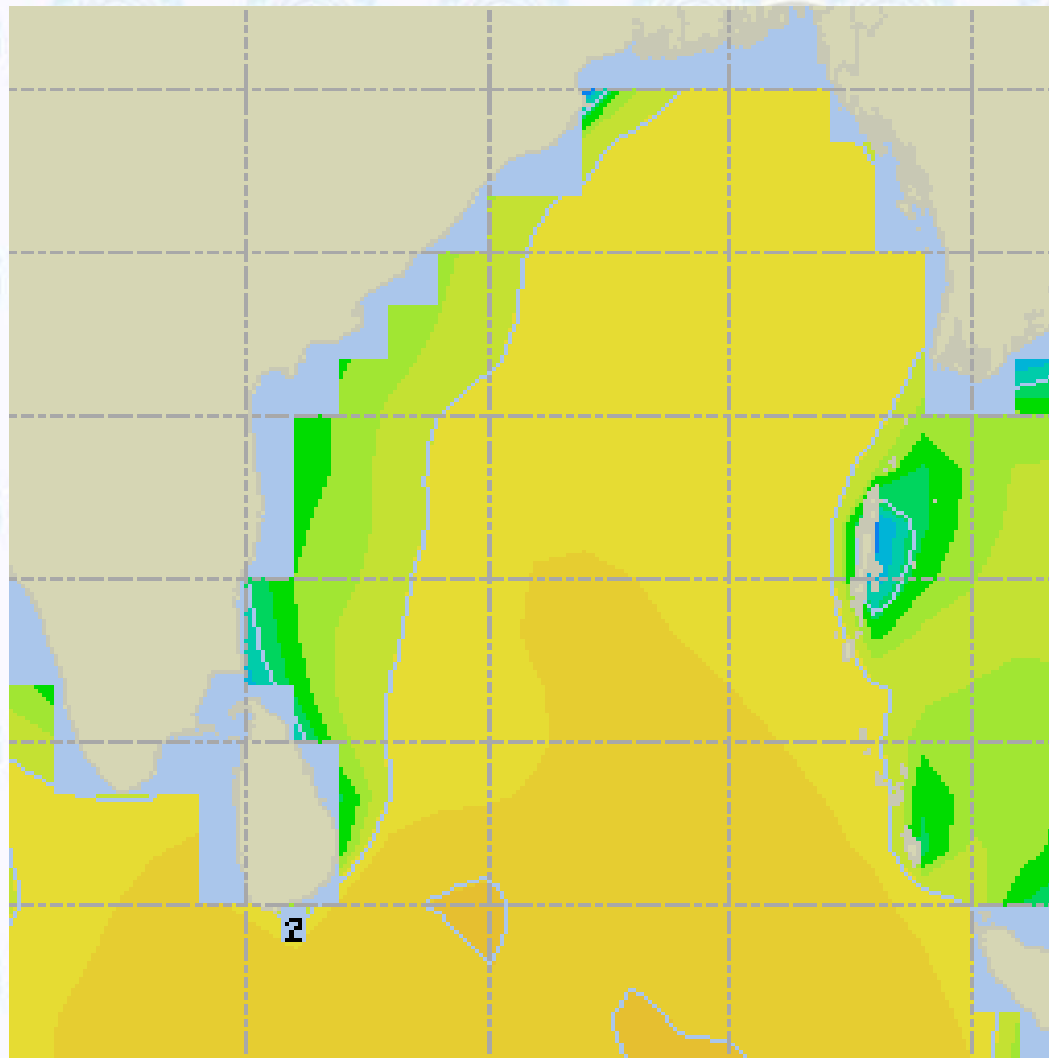
10 Knots



60 Knots



Sea State Forecast – 22 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

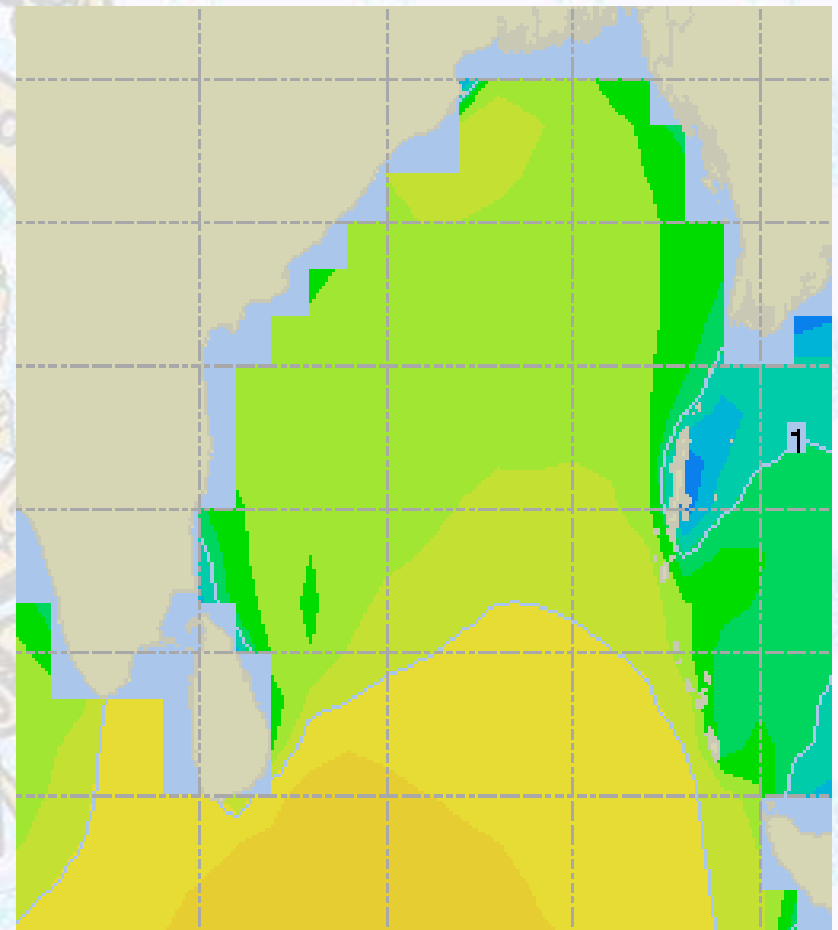
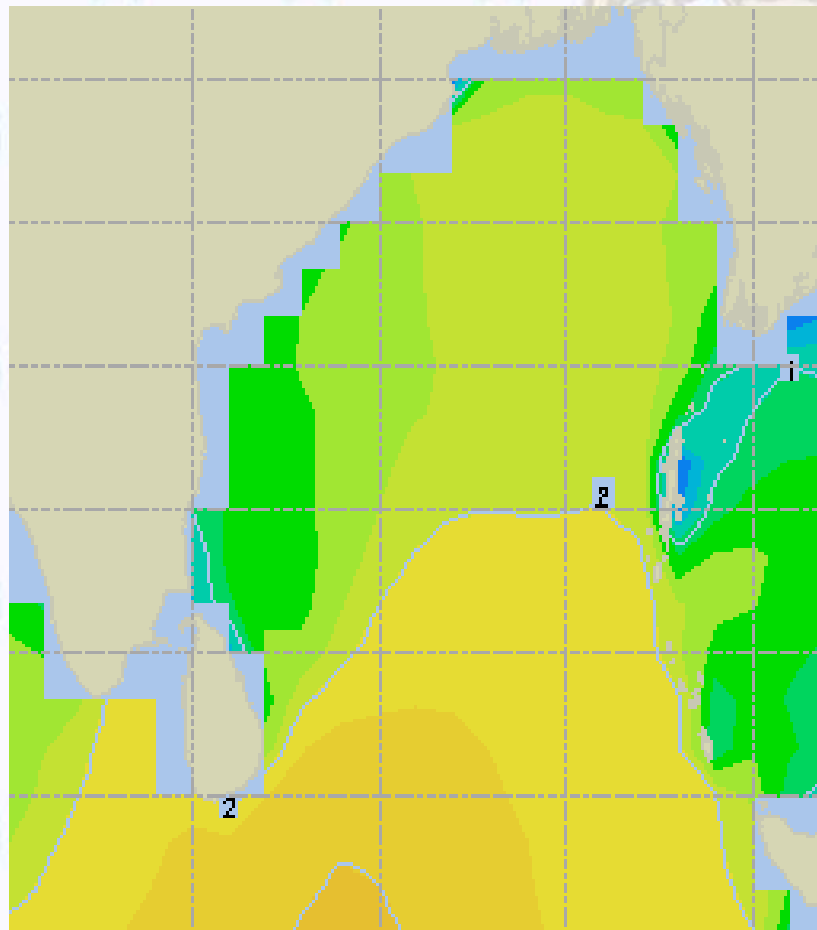




Sea State Forecast– 23 & 24 May- 2020

23 May 2020 Saturday

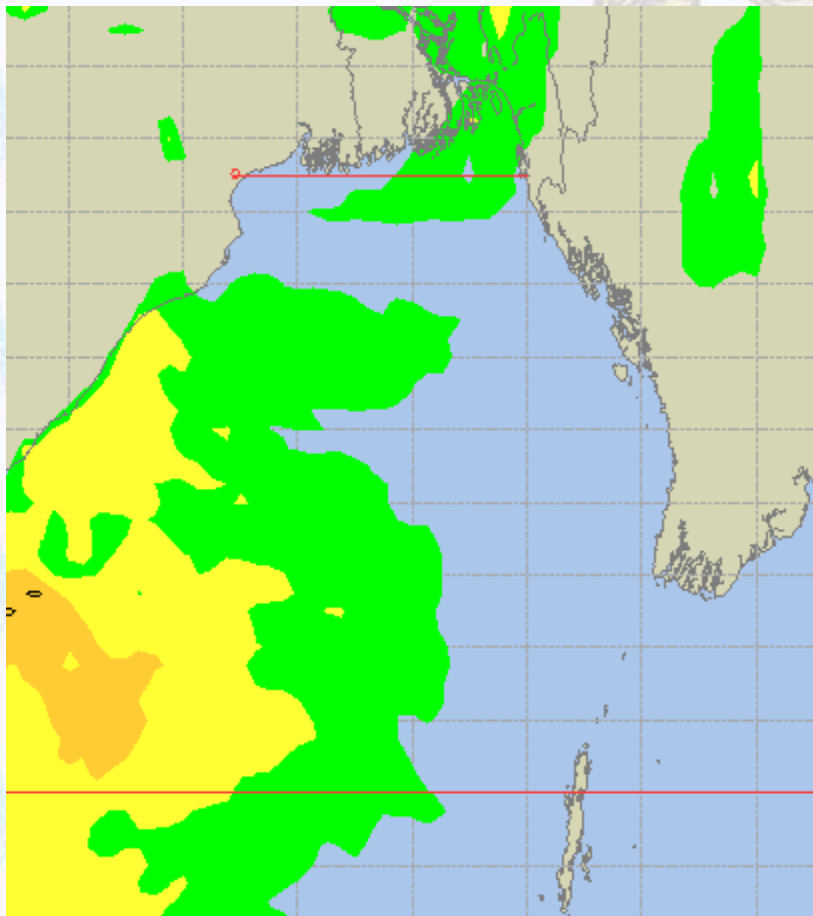
24 May 2020 Sunday



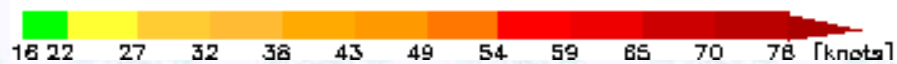
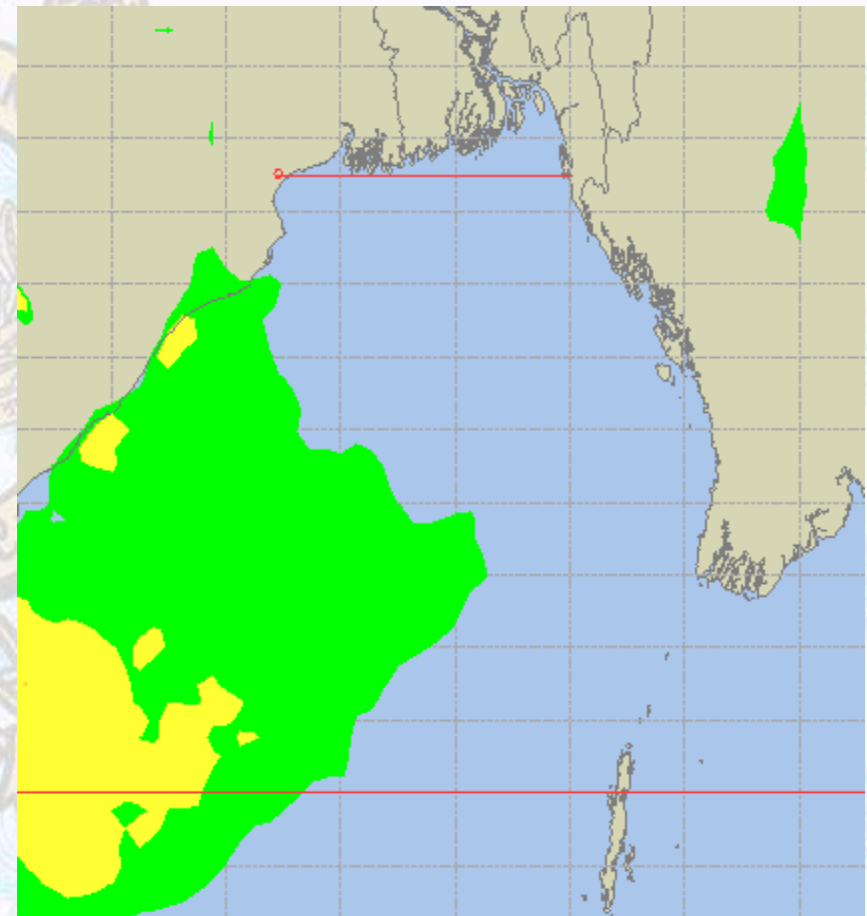


Peak Gusting Possibilities – 22 & 23 May 2020

22 May 2020 Friday



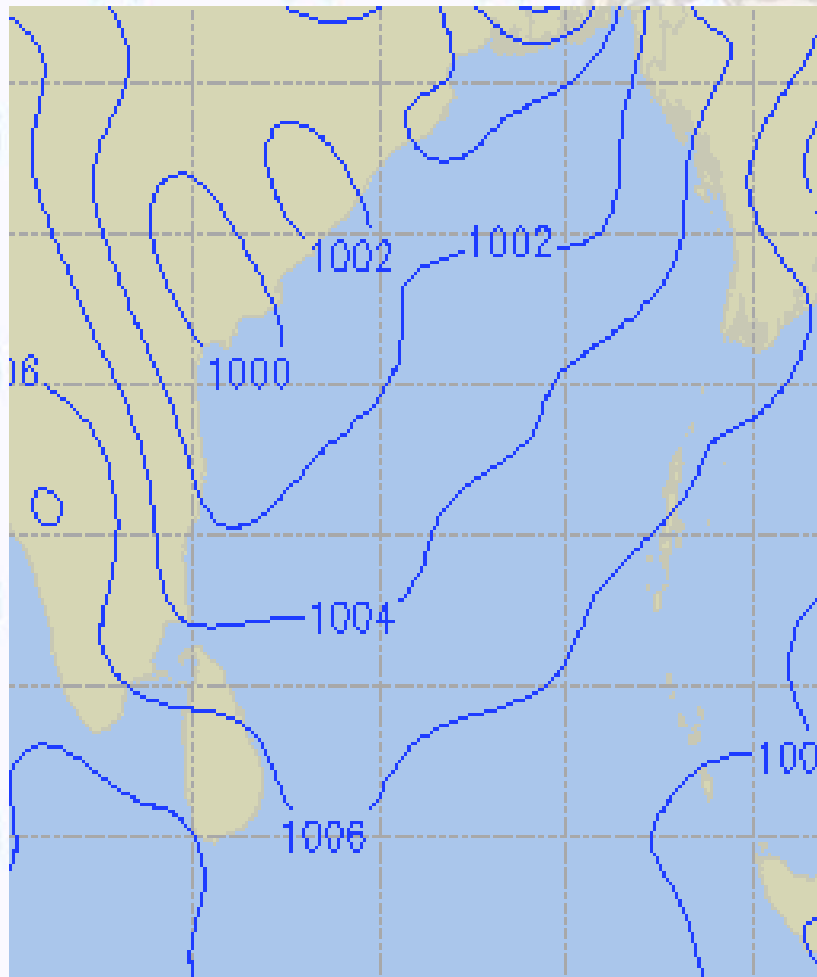
23 May 2020 Saturday



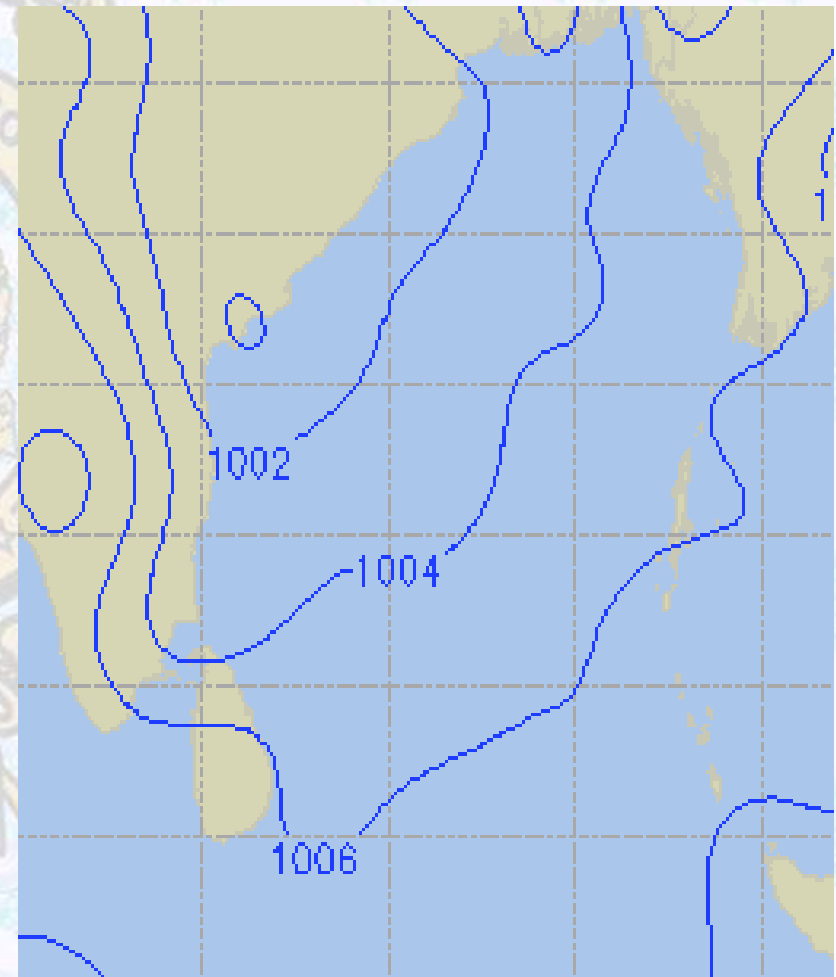


Surface Pressure forecast – 22 & 23 May 2020

22 May 2020 Friday



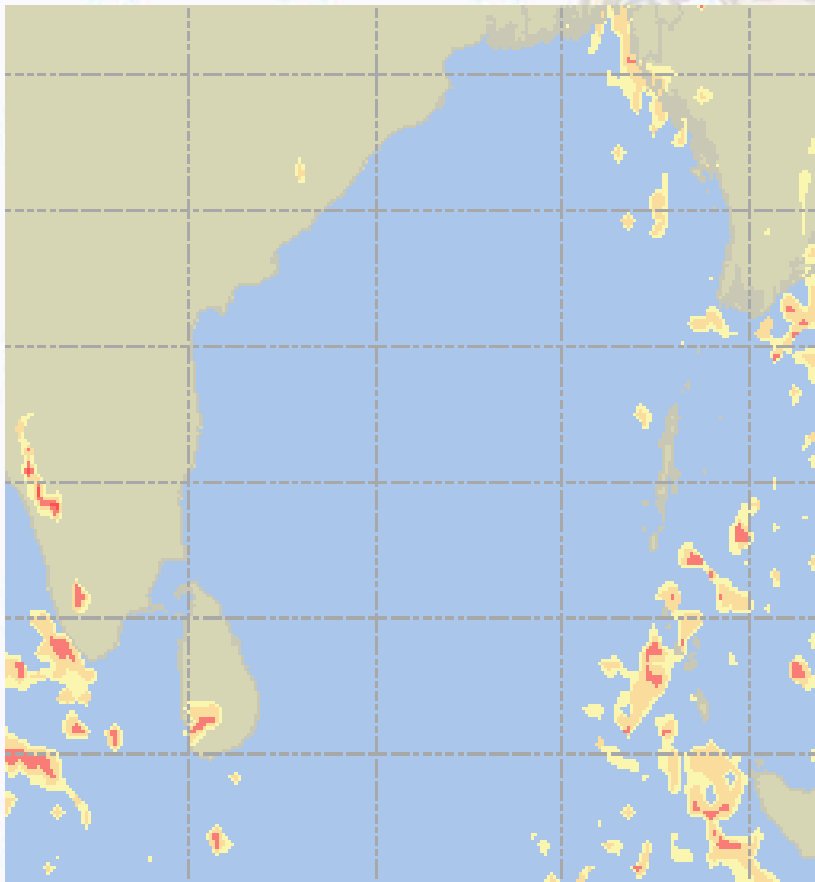
23 May 2020 Saturday



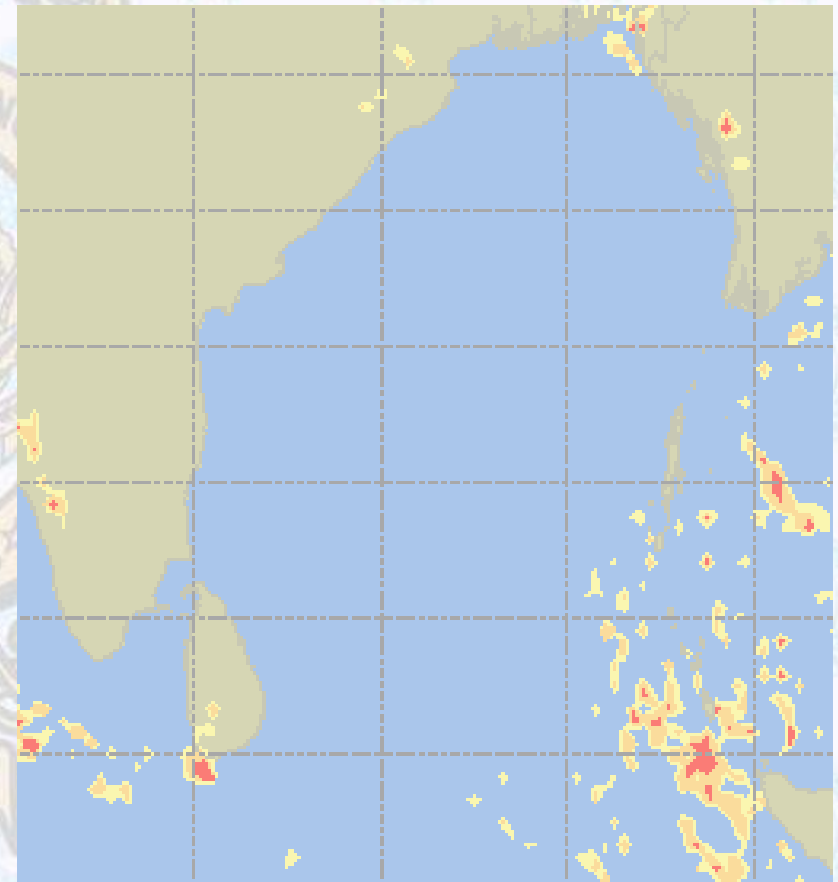


Visibility at Sea Forecast – 22 & 23 May - 2020

22 May 2020 Friday



23 May 2020 Saturday



Visibility Scale:



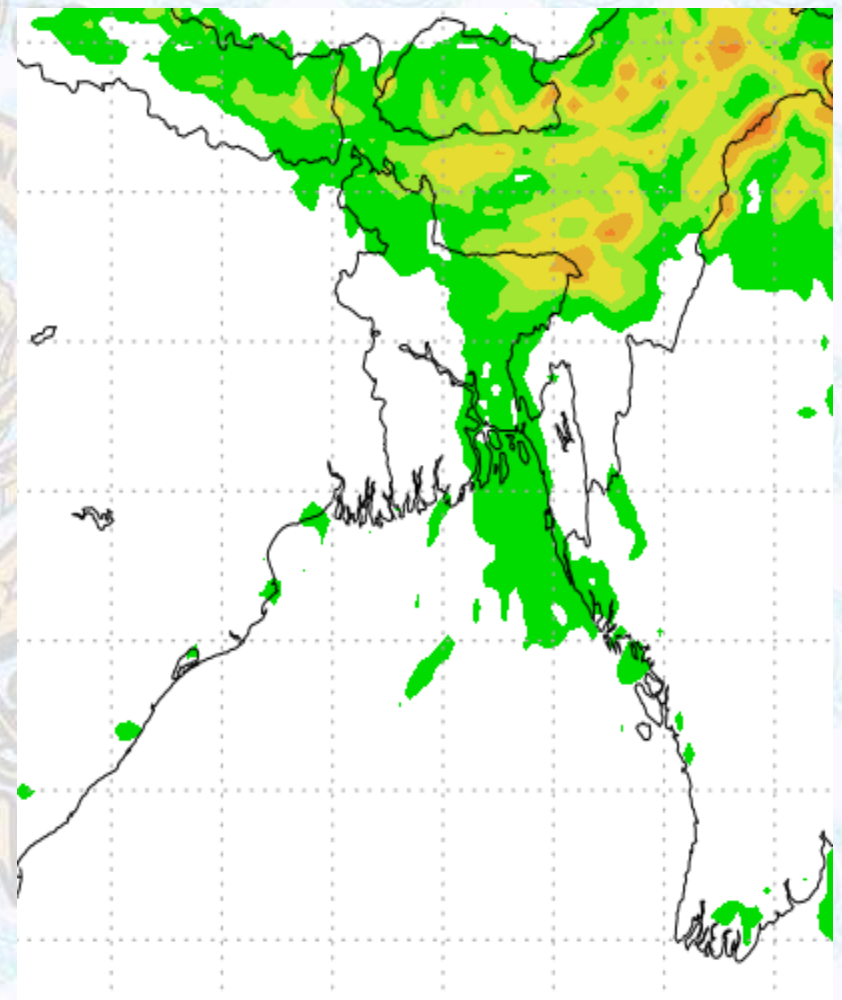
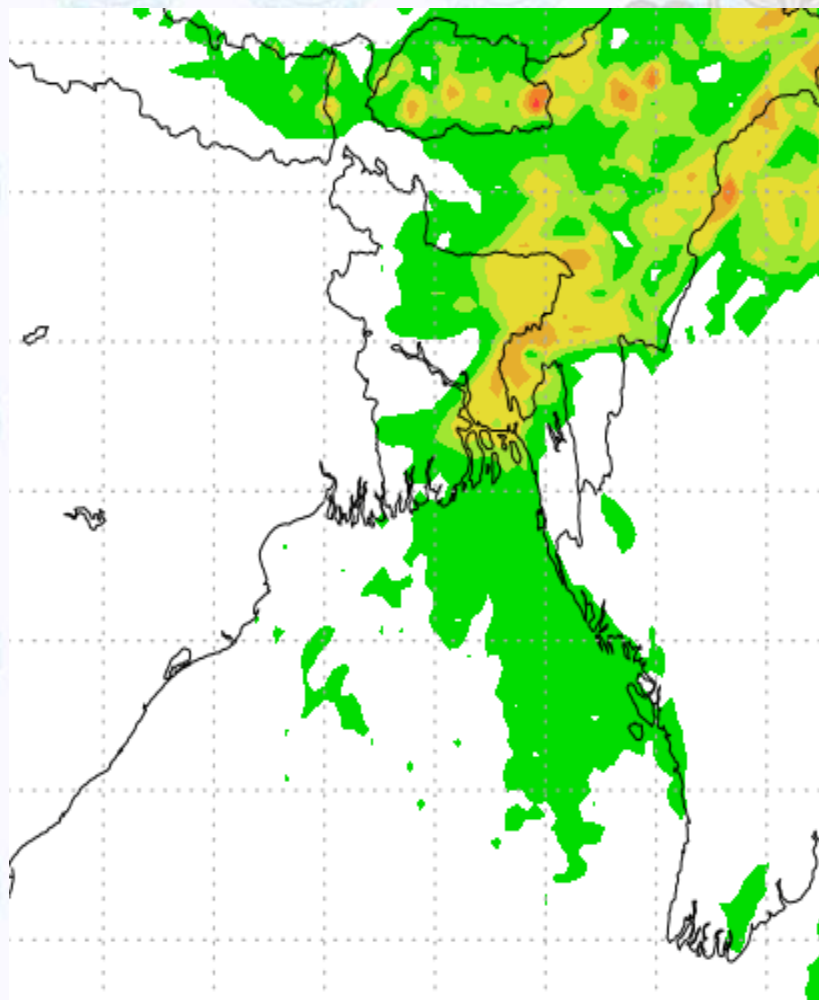
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



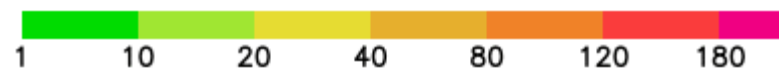
Precipitation

Rain(mm) 22 & 23 May 2020

Rain(mm) 23 & 24 May 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0037		4.58			0445	0.73
22 May 2020	0657	0.72		1033	3.61		1024	3.15
	1251	4.91		1710	0.80		1648	0.90
	1924	0.80		2244	3.31		2237	2.86
	Time	Height		Time	Height		Time	Height
		0106		4.61			0519	0.68
23 May 2020	0727	0.68		1106	3.66		1055	3.18
	1347	4.93		1743	0.77		1721	0.89
	1955	0.82		2316	3.31		2309	2.86
	Time	Height		Time	Height		Time	Height
		0135		4.60			0551	0.67
24 May 2020	0758	0.68		1140	3.65		1126	3.18
	1347	4.93		1815	0.78		1754	0.91
	2027	0.86		2349	3.27		2341	2.85