



WEATHER FORECAST FOR BN

20 -23 APR 2020



WEATHER FORECAST – DHAKA

20.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 25	33 / 25	27 / 24	26 / 24
Wind	16 km/h SSE	12 km/h SSE	13 km/h SSE	11 km/h SSW
Humidity	60%	65%	84%	86%
Chance of Precip	1%	81%	45%	18%
Cloud Cover	10%	75%	64%	60%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 34 AM 6: 23 PM			

Conditions

Pressure : 1009 hpa

Visibility : 12.87 km

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



WEATHER FORECAST – CHATTOGRAM

20.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 24	30 / 27	28 / 27	27 / 27
Wind	14 km/h SW	15 km/h SSW	12 km/h SSW	7 km/h S
Humidity	67%	81%	90%	95%
Chance of Precip.	1%	2%	9%	7%
Cloud Cover	34%	22%	36%	40%
Conditions	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sunrise Sunset	5: 19 AM 6: 16 PM			

Conditions

Pressure : 1011 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

20.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 27	33 / 27	29 / 26	28 / 26
Wind	19 km/h S	18 km/h S	15 km/h S	13 km/h S
Humidity	66%	69%	85%	88%
Chance of Precip.	40%	5%	8%	6%
Cloud Cover	50%	30%	42%	59%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 39 AM 6: 26 PM			

Conditions

Pressure : 1009 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	21 Apr 2020	22 Apr 2020	23 Apr 2020
Temperature (C)	31 °C/ 24 °C	29 °C/ 24 °C	30 °C/ 25 °C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h31m42s/18h23m00s	5h30m54s/18h23m36s	5h29m54s/18h24m36s
Day Length	12h51m18s	12h52m42s	12h53m42s
Moon Rise/ Set	4:40AM 4:58PM	5:12AM 5:48PM	6:18AM 7:31PM
Moon Phase/ illu	Waning Crescent, 1%	New Moon, 0%	Waning Crescent, 2%
NauticalTwilight	0441,1913	0440,1913	0440,1912
Civil Twilight	0508,1845	0507,1846	0507,1846
Humidity	D : 81% N : 90%	D : 86% N : 91%	D : 73% N : 86%
Barometer (mb)	1008	1008	1008
Visibility	Good	Good	Good
Precip Chance	80%	80%	80%
Wind (mph)	13 Km/h S	13 Km/h S	10 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	21 Apr 2020	22 Apr 2020	23 Apr 2020
Temperature (C)	30°C/ 24°C	28°C/ 23°C	30°C/ 25°C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h27m42s/18h15m42s	5h27m00s/18h16m12s	5h26m00s/18h17m12s
Day Length	12h48m00s	12h49m12s	12h50m12s
Moon Rise/ Set	4:34AM 4:52PM	5:06AM 5:41PM	6:18AM 7:31PM
Moon Phase/ illu	Waning Crescent, 1%	New Moon, 0%	Waning Crescent, 2%
NauticalTwilight	0437, 1905	0436, 1904	0436, 1904
Civil Twilight	0504, 1838	0504, 1838	0503, 1837
Humidity	D : 85% N : 95%	D : 90% N : 95%	D : 77% N : 95%
Barometer (mb)	1010	1010	1010
Visibility	Good	Good	Good
Precip Chance	60%	60%	60%
Wind (mph)	12 Km/h SSW	14 Km/h S	12 Km/h S

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



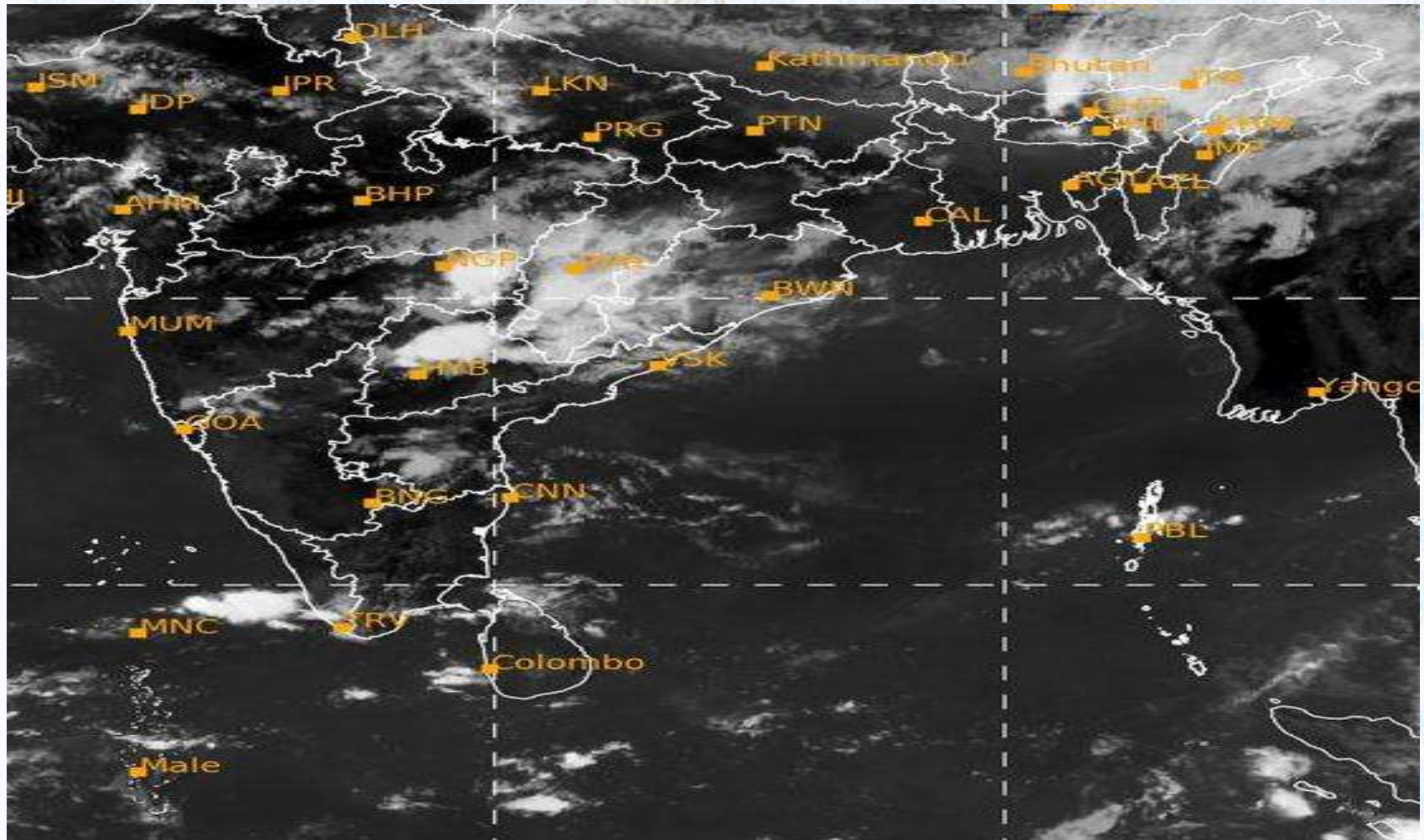
GENERAL WEATHER FORECAST – KHULNA

Description	21 Apr 2020	22 Apr 2020	23 Apr 2020
Temperature(C)	32°C/ 24°C	31°C/ 24°C	30°C/ 24°C
Summary	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
Sun Rise/Set	5h36m18s/18h25m24s	5h35m30s/18h25m54s	5h36m30s/18h26m54s
Day Length	12h49m06s	12h50m24s	12h51m24s
Moon Rise/Set	4:44AM 5:02PM	5:17AM 5:52PM	6:18AM 7:31PM
Moon Phase/illu	Waning Crescent, 1%	New Moon, 0%	Waning Crescent, 2%
Nautical Twilight	0446, 1914	0445, 1915	0445, 1915
Civil Twilight	0513, 1848	0512, 1848	0512, 1847
Humidity	D : 80% N : 90%	D : 84% N : 90%	D : 66% N : 92%
Barometer (mb)	1008	1008	1008
Visibility	Good	Good	Good
Precip Chance	80%	60%	60%
Wind (mph)	14 km/h S	14 km/h S	14 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

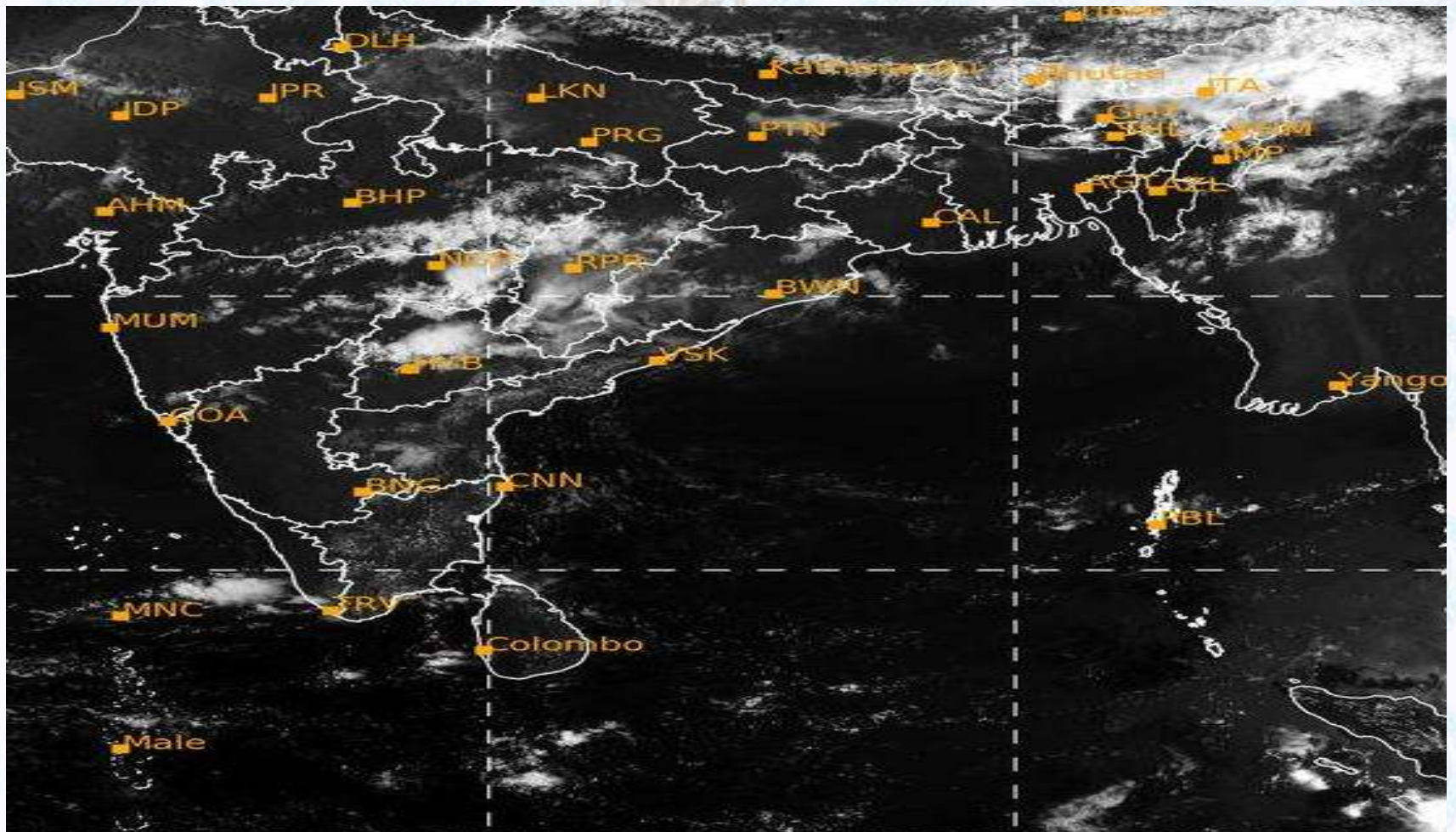


20/04/2020, 12:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



20/04/2020, 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 20.04.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH -WEST/SOUTHERLY, 08-12 KTS, TEMPORARY GUSTING TO 22 KTS OR MORE
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =20,0000 UTC. CHATTOGRAM =1011 HPA



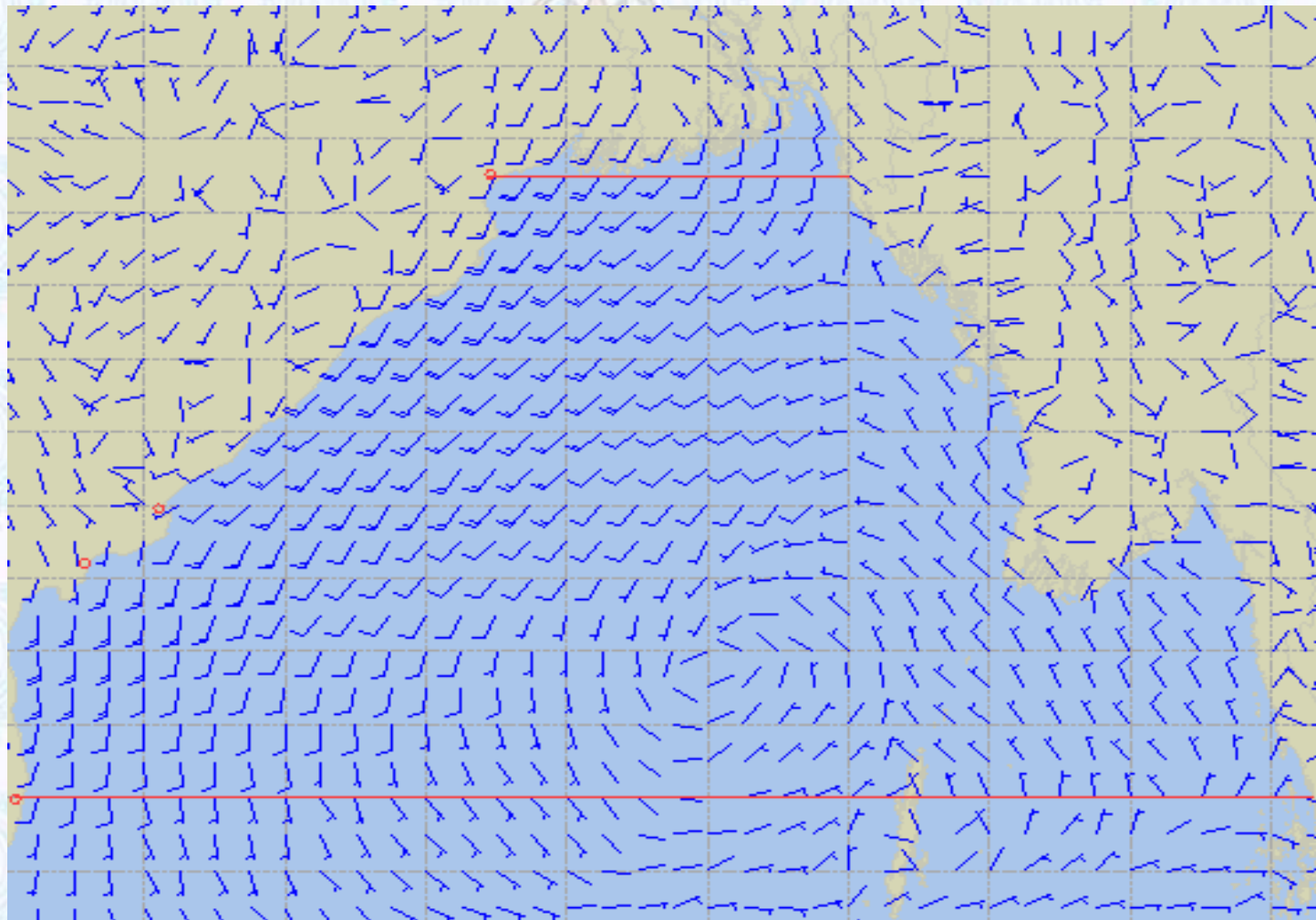
Inland River Port Warning **(VALID TILL 06 PM OF 20.04.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **WEST/NORTH-WESTERLY** GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF MYMENSINGH, SYLHET, CUMILLA, NOAKHALI, PATUAKHALI, MONGLA, KHULNA, JASHORE, CHATTOGRAM, AND BARISHAL WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 21 Apr - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



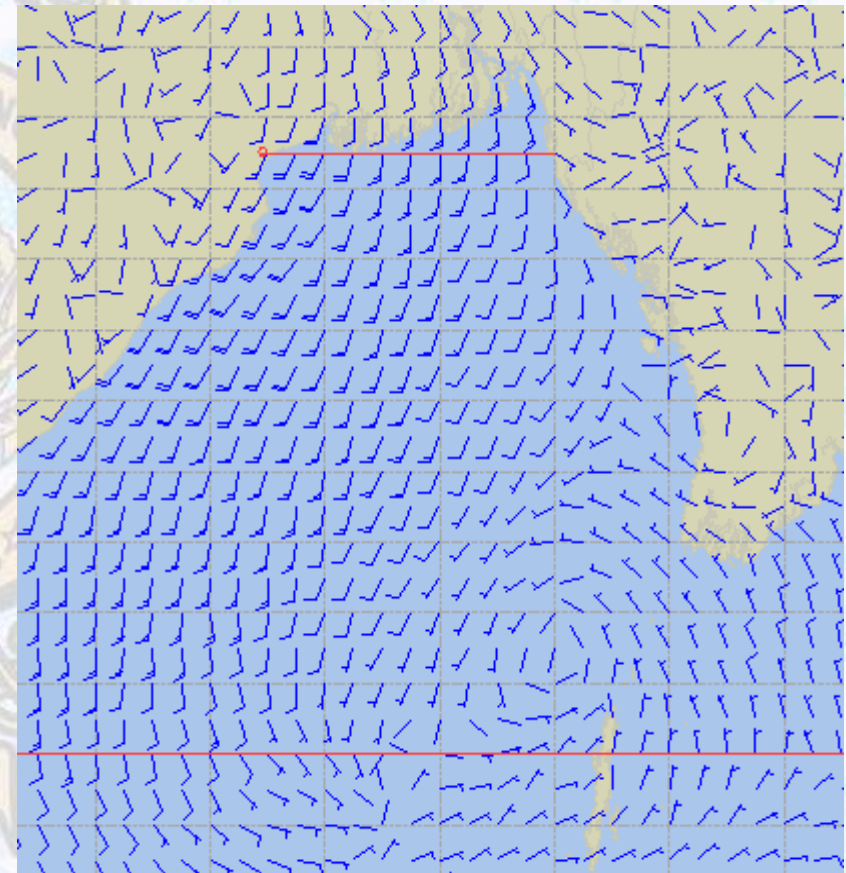
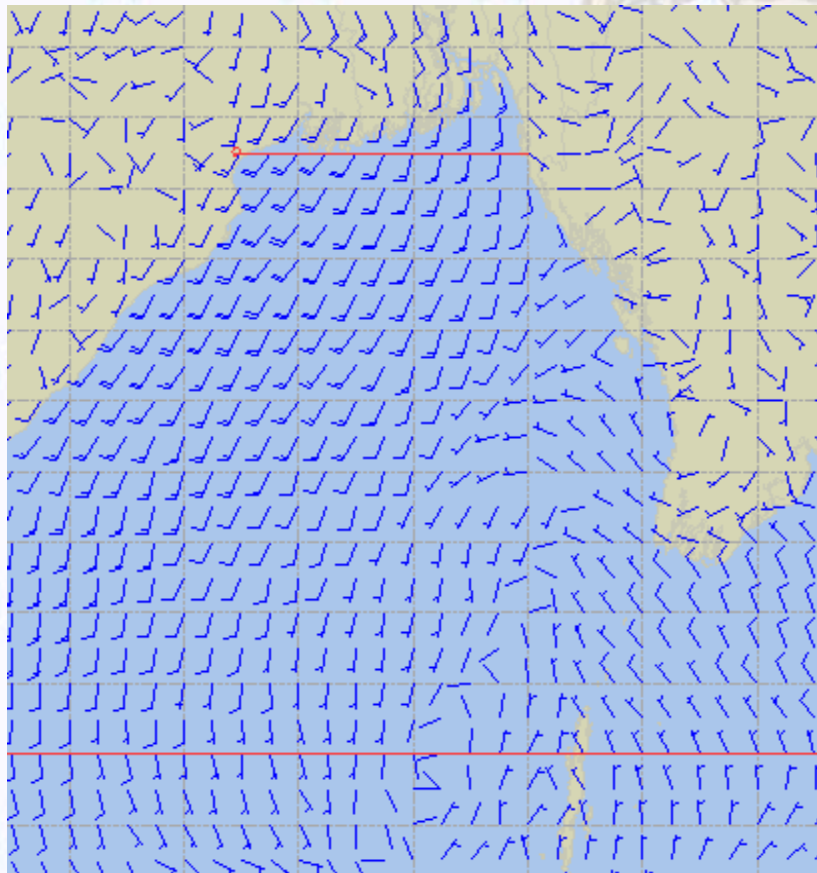
60 Knots



Surface Wind Forecast –22 Apr & 23 Apr- 2020

22 Apr 2020 Wednesday

23 Apr 2020 Thursday



Legend:



Calm
Winds



5 Knots



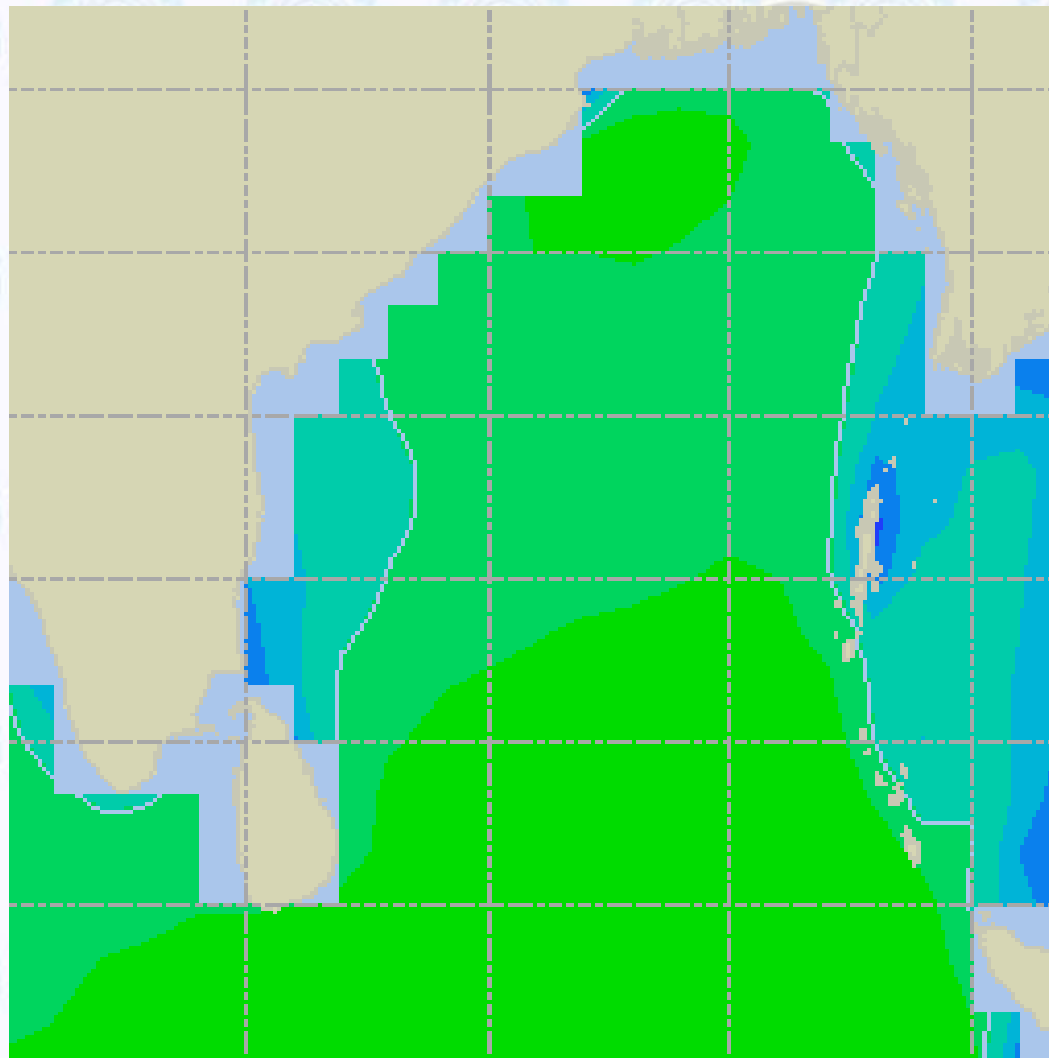
10 Knots



60 Knots



Sea State Forecast - 21 Apr - 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

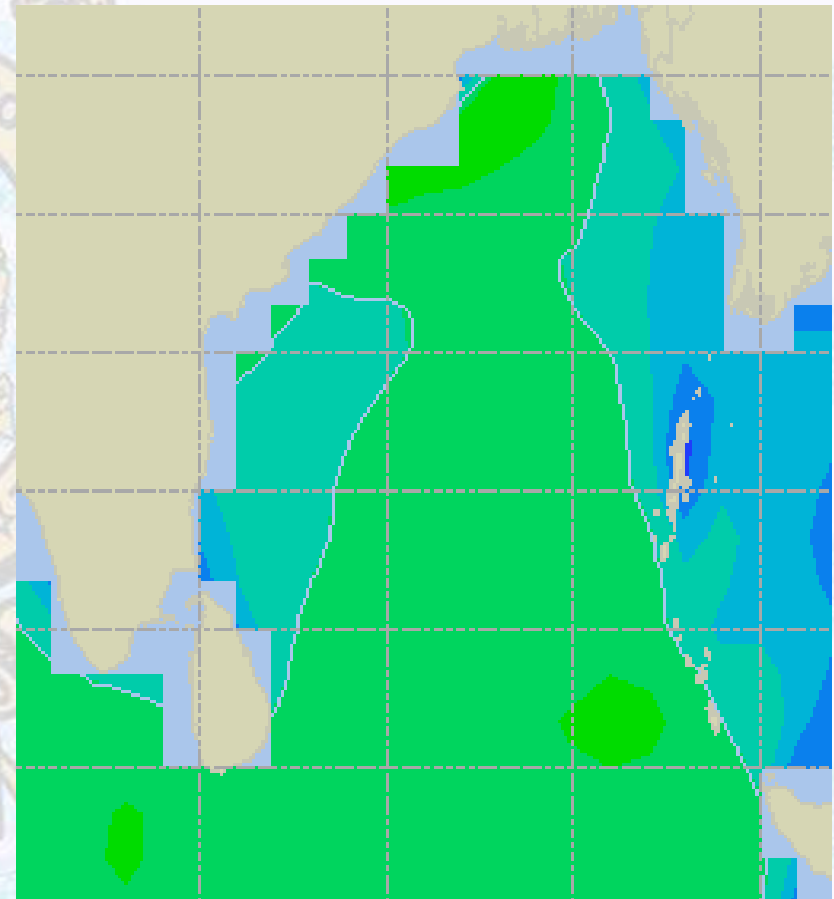
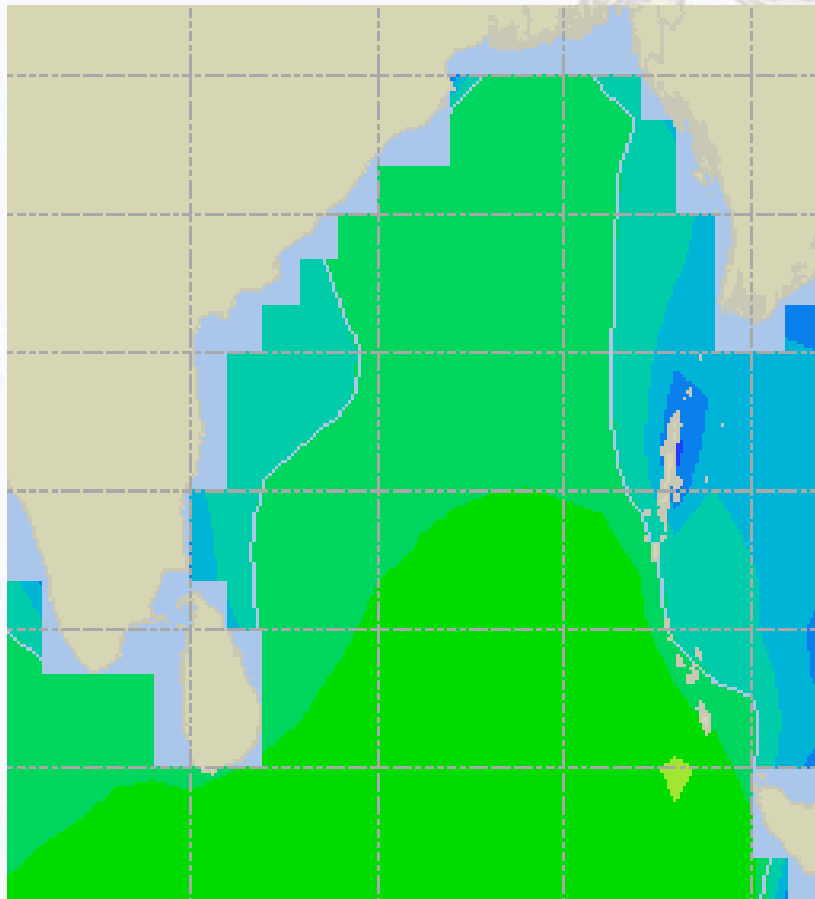




Sea State Forecast – 22 & 23 Apr- 2020

22 Apr 2020 Wednesday

23 Apr 2020 Thursday

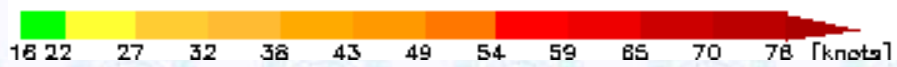
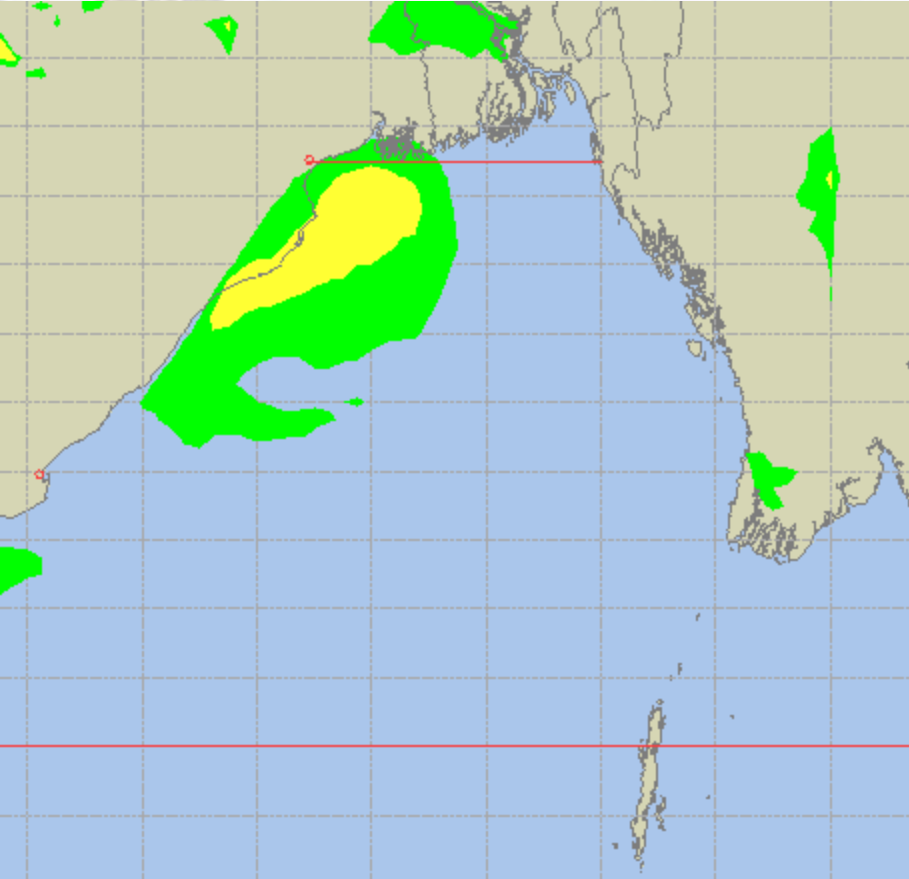
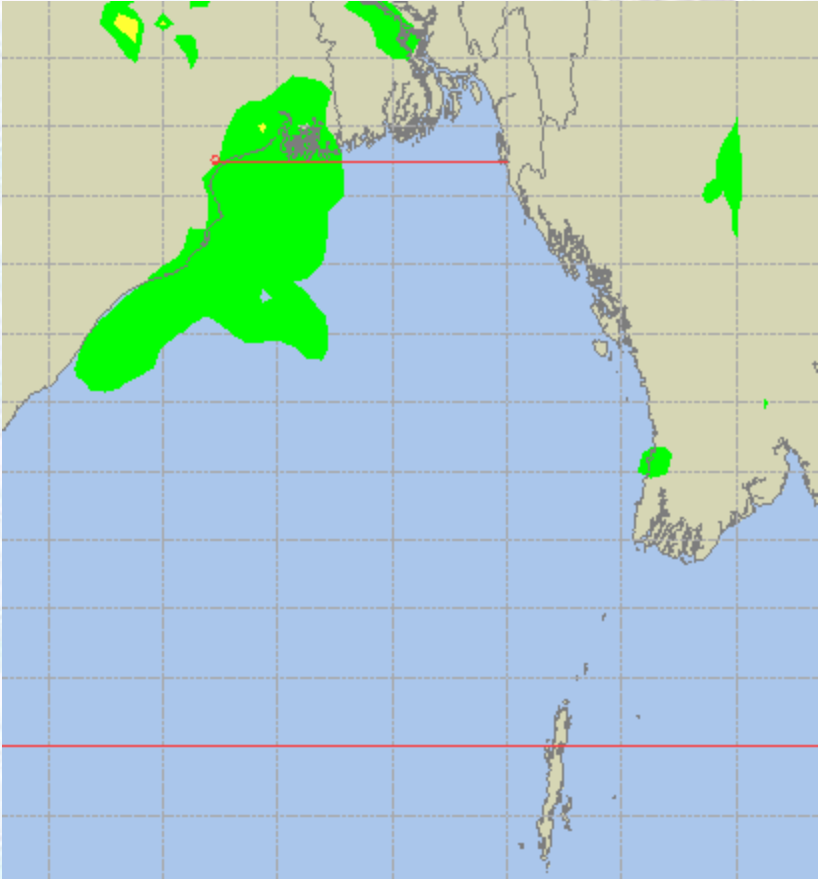




Peak Gusting Possibilities – 21 & 22 Apr 2020

21 Apr 2020 Tuesday

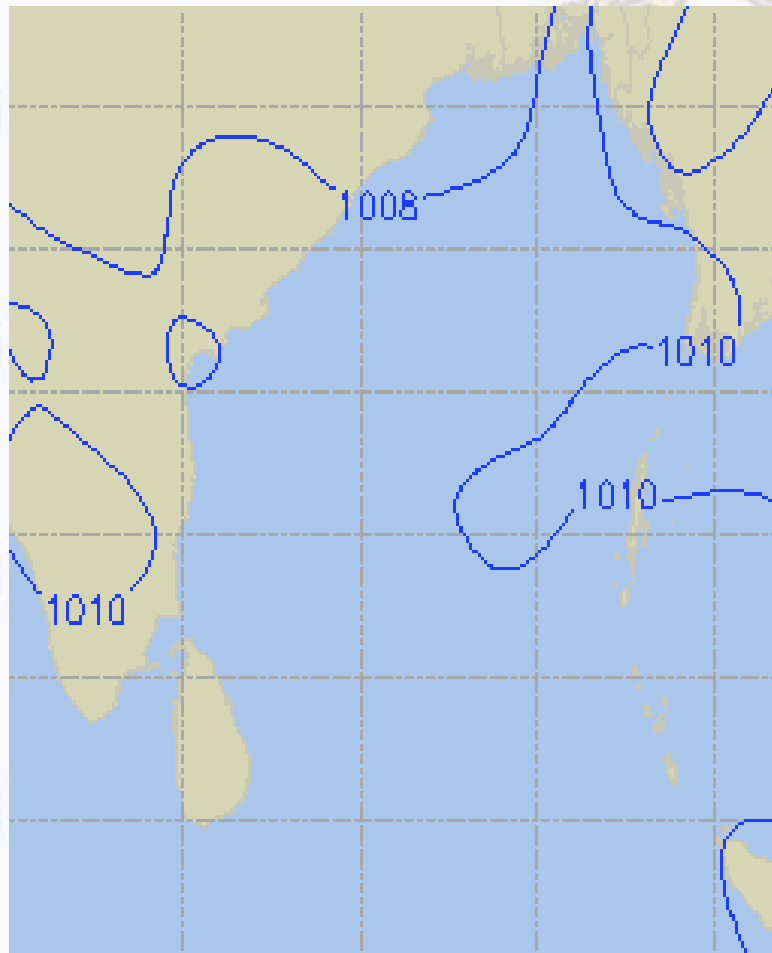
22 Apr 2020 Wednesday



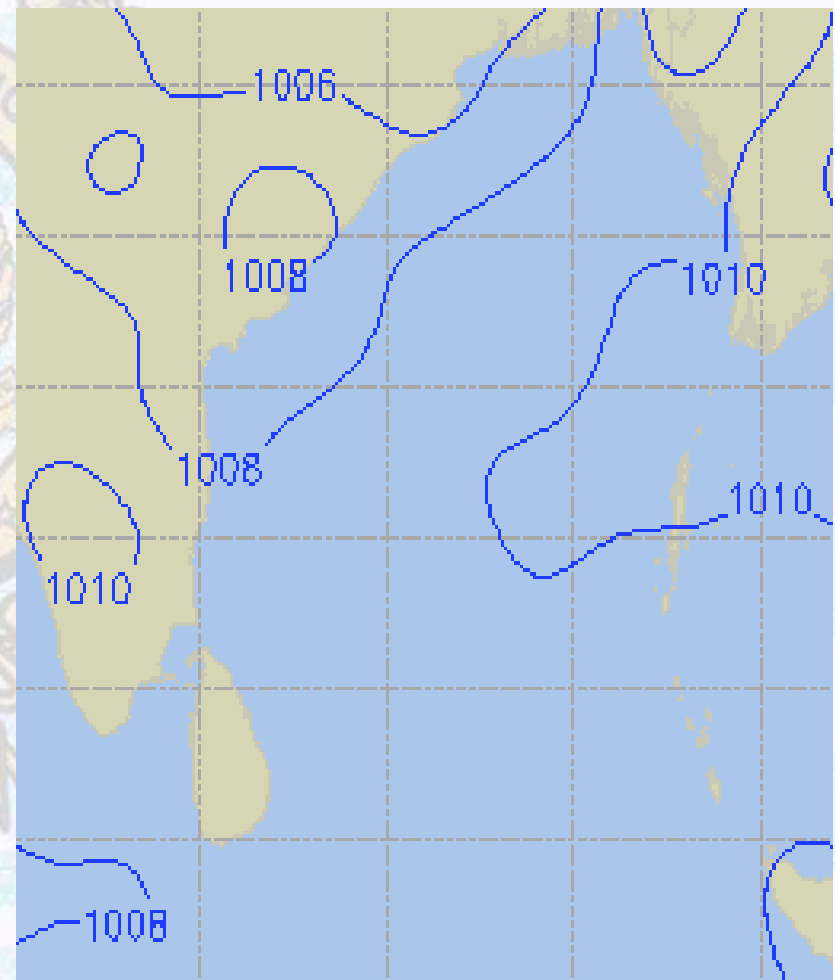


Surface Pressure forecast – 21 & 22 Apr 2020

21 Apr 2020 Tuesday



22 Apr 2020 Wednesday

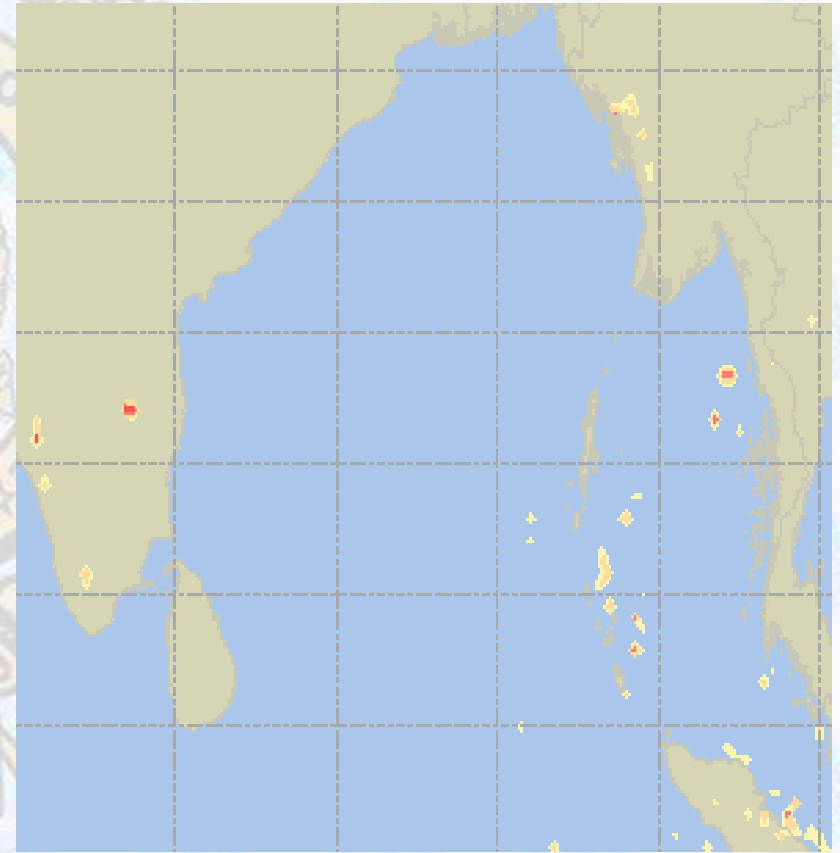
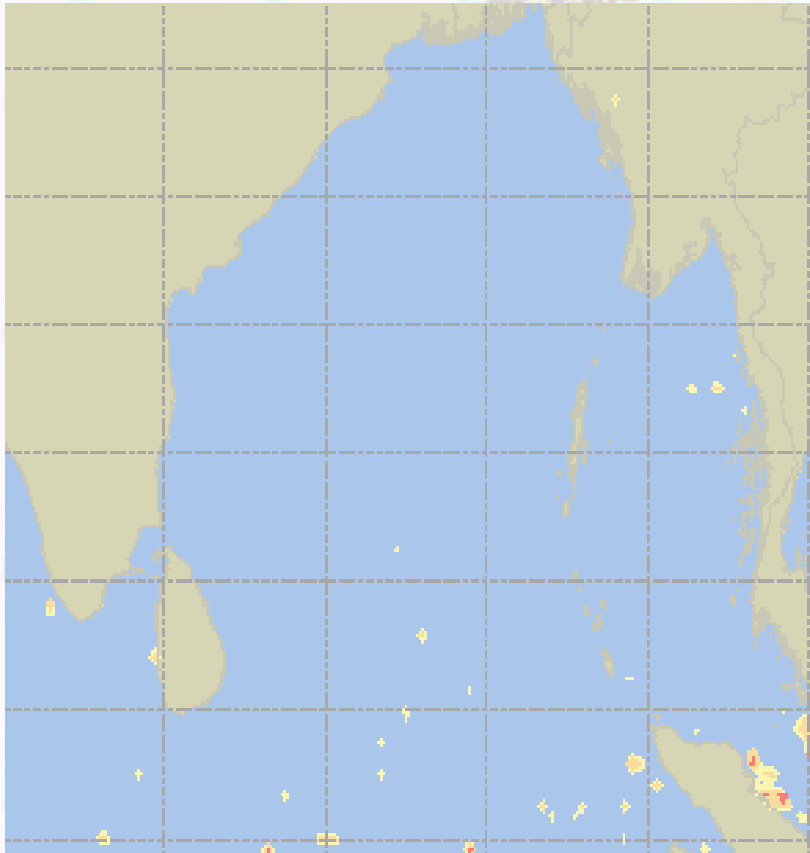




Visibility at Sea Forecast – 21 & 22 Apr - 2020

21 Apr 2020 Tuesday

22 Apr 2020 Wednesday



Visibility Scale:



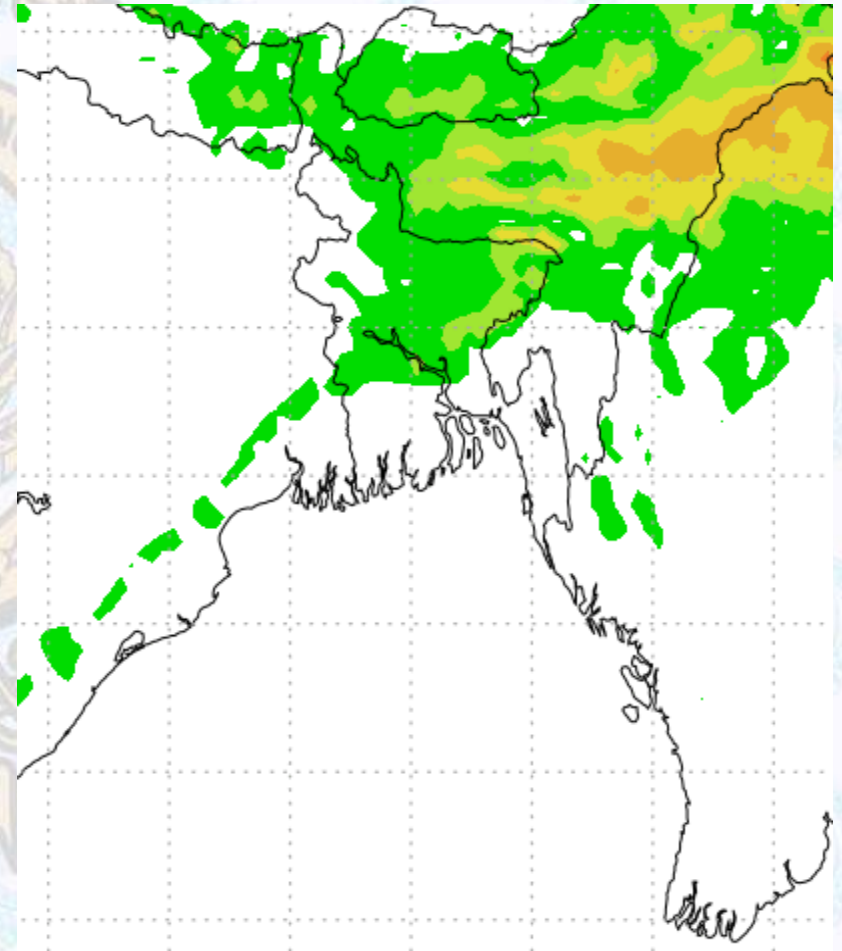
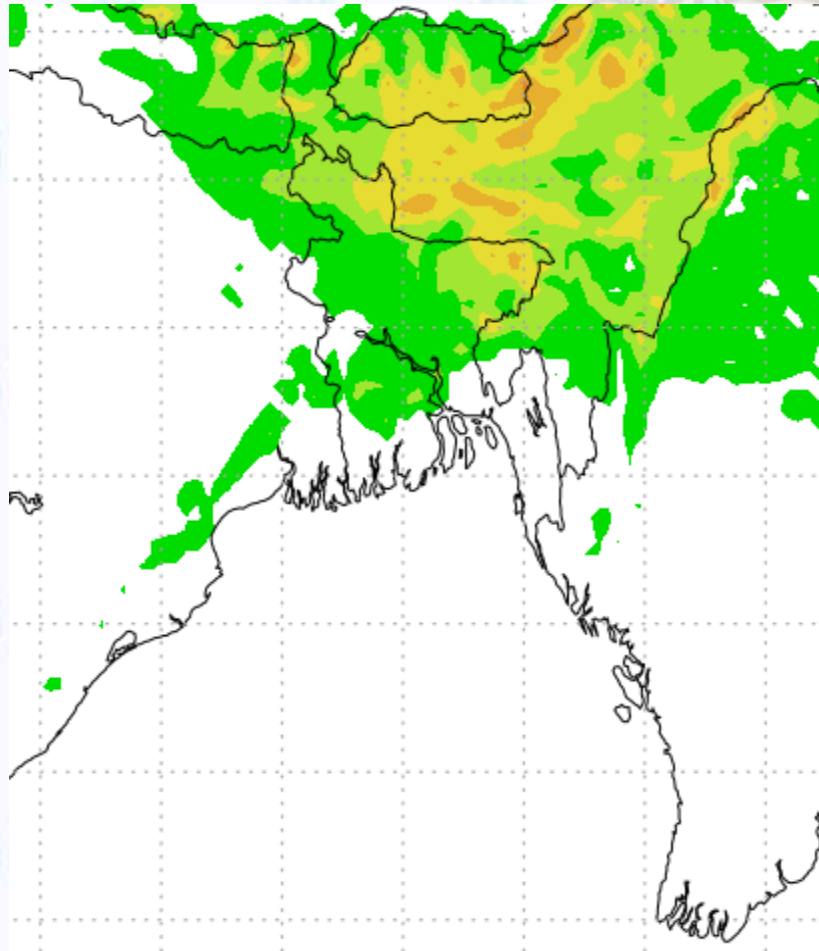
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



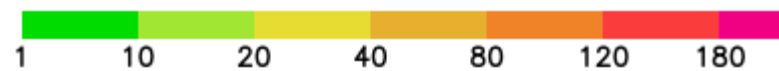
Precipitation

Rain(mm) 21 & 22 Apr 2020

Rain(mm) 22 & 23 Apr 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0011		4.28			0412	0.60
21 Apr 2020	0636	0.61		0958	3.16		1004	2.85
	1233	4.45		1633	0.63		1615	0.72
	1853	0.67		2210	3.15		2211	2.77
	Time	Height		Time	Height		Time	Height
		0038		4.39			0445	0.49
22 Apr 2020	0704	0.55		1030	3.33		1031	2.94
	1256	4.55		1705	0.55		1645	0.66
	1921	0.61		2241	3.24		2239	2.79
	Time	Height		Time	Height		Time	Height
		0102		4.45			0516	0.41
23 Apr 2020	0730	0.50		1100	3.42		1058	2.99
	1319	4.62		1736	0.50		1714	0.63
	1948	0.59		2311	3.26		2306	2.79