



WEATHER FORECAST FOR BN

22 - 25 APR 2021





WEATHER FORECAST – DHAKA

22.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32°C / 25°C	31°C / 25°C	29°C / 25°C	28°C / 25°C
Wind	12 km/h SW	14 km/h SW	7 km/h NNE	8 m/h SW
Humidity	60%	49%	58%	91%
Chance of Precip	9%	1%	1%	5%
Cloud Cover	55%	66%	45%	64%
Conditions	Rain	Rain	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0531 / 1823			

Conditions

Pressure : 1008 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

22.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31° / 25°	30° / 25°	29° / 27°	28° / 26°
Wind	12 km/h SW	15 km/h SW	10 km/h SW	5 km/h SW
Humidity	69%	72%	79%	90%
Chance of Precip.	1%	2%	5%	7%
Cloud Cover	21%	3%	15%	33%
Conditions	Sunny	Sunny	Clear	Partly Cloudy
Sunrise / Sunset	0527 / 1816			

Conditions

Pressure : 1010 hpa

Visibility : 3.54 Km

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



WEATHER FORECAST – KHULNA

22.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	37° / 22°	34° / 22°	31° / 25°	29° / 24°
Wind	15 km/h WSW	15 km/h W	6 km/h NW	6 m/h SW
Humidity	48%	49%	70%	78%
Chance of Precip.	23%	97%	3%	7%
Cloud Cover	62%	77%	57%	33%
Conditions	Rain	Rain	Rain	Partly Cloudy
Sunrise / Sunset	0535 / 1825			

Conditions

Pressure : 1008 hpa

Visibility : 11.27 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	23 Apr 2021	24 Apr 2021	25 Apr 2021
Temperature (C)	35 °C/ 26 °C	37 °C/ 26 °C	38 °C/ 26 °C
Summary	Sunny	Partly Cloudy	Sunny
Sun Rise/Set	5h 30m18s/18h23m36s	5h 29m30s/18h24m06s	5h 28m36s/18h24m30s
Day Length	12h53m18s	12h54m36s	12h55m54s
Moon Rise/ Set	2:29PM/ 2:53AM	3:31PM/ 3:33AM	4:34PM/ 4:11AM
Moon Phase/ illu	Waxing Gibbous, 78%	Waxing Gibbous, 87%	Waxing Gibbous, 94%
Nautical Twilight	04:44, 19:10	04:44, 19:11	04:44, 19:11
Civil Twilight	05:12, 18:46	05:12, 18:47	05:12, 18:47
Humidity	D : 55% N : 68%	D : 55% N : 68%	D : 55% N : 68%
Barometer (mb)	1006	1007	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	6%	4%	4%
Wind (km/hr)	12 Km/h, NW	11 Km/h, WSW	11 Km/h, WSW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	23 Apr 2021	24 Apr 2021	25 Apr 2021
Temperature (C)	33 °C / 25 °C	34 °C / 25 °C	35 °C / 26 °C
Summary	Partly Cloudy	Partly Cloudy	Sunny
Sun Rise/Set	5h26m12s/ 18h16m12s	5h25m30s/ 18h16m36s	5h24m36s/ 18h17m00s
Day Length	12h50m00s	12h51m06s	12h52m24s
Moon Rise/ Set	2:20PM / 2:13AM	3:21PM 3:13AM	4:14PM / 4:15AM
Moon Phase/ illu	Waxing Gibbous, 78%	Waxing Gibbous, 87%	Waxing Gibbous, 94%
NauticalTwilight	04:41, 19:03	04:41, 19:03	04:41, 19:03
Civil Twilight	05:07, 18:38	05:07, 18:38	05:07, 18:38
Humidity	D : 78% N : 95%	D : 78% N : 95%	D : 78% N : 95%
Barometer (mb)	1007	1007	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	15%	5%	3%
Wind (km/hr)	14 Km/h, WNW	15 Km/h, NW	15 Km/h, NW

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



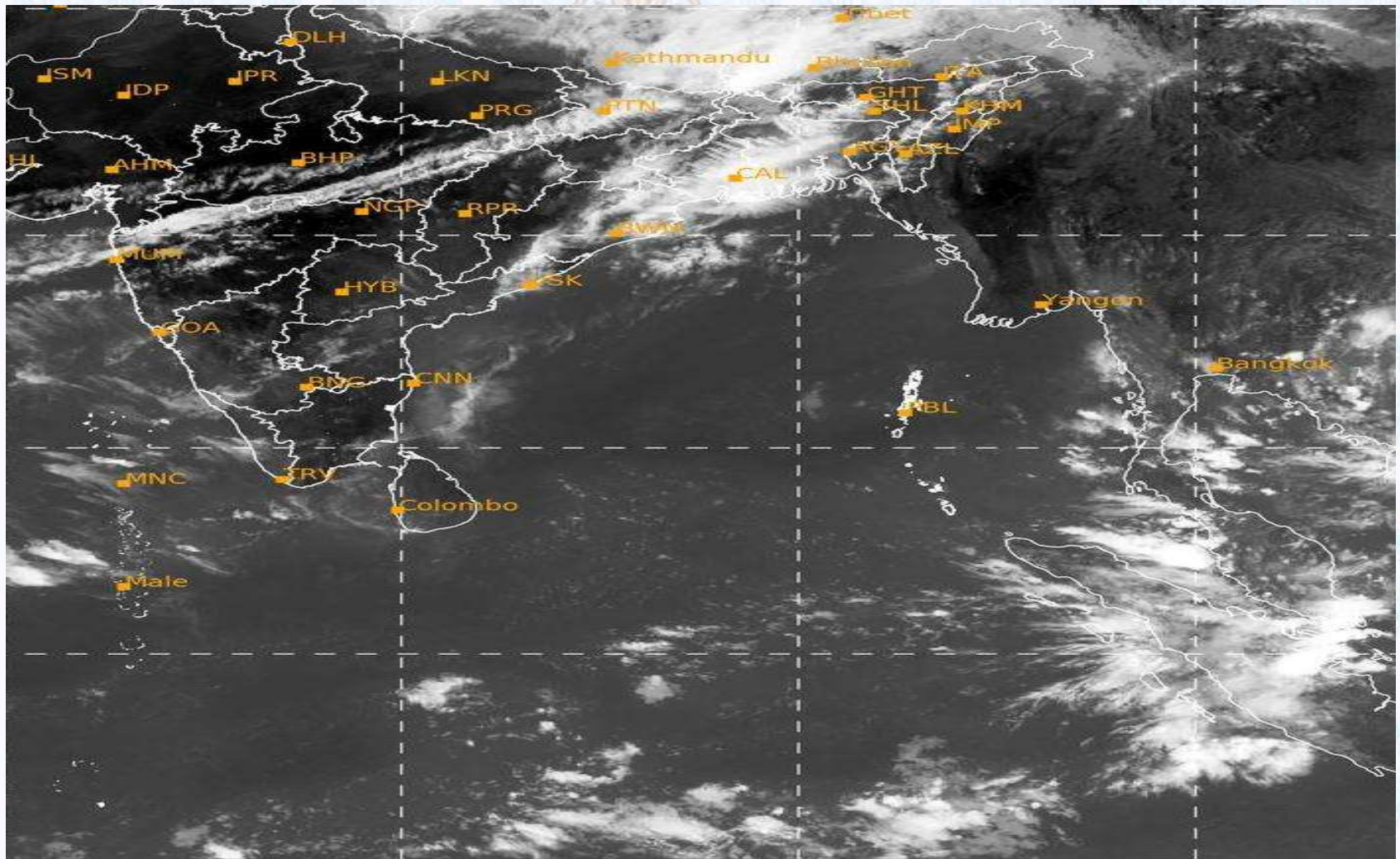
GENERAL WEATHER FORECAST – KHULNA

Description	23 Apr 2021	24 Apr 2021	25 Apr 2021
Temperature(C)	37°C/ 27°C	37°C/ 27°C	36°C/ 27°C
Summary	Cloudy	Sunny	Sunny
Sun Rise/Set	5h35m48s/ 18h25m54s	5h34m00s/ 18h26m24s	5h33m12s/ 18h26m42s
Day Length	12h 51m 06s	12h 52m 24s	12h 53m 30s
Moon Rise/Set	2:19PM/ 2:43AM	3:11PM 3:11AM	4:35PM/ 4:31AM
Moon Phase/illu	Waxing Gibbous, 78%	Waxing Gibbous, 87%	Waxing Gibbous, 94%
Nautical Twilight	04:49, 19:13	04:49, 19:13	04:49, 19:13
Civil Twilight	05:16, 18:47	05:16, 18:47	05:16, 18:47
Humidity	D : 61% N : 85%	D : 61% N : 85%	D : 61% N : 85%
Barometer (mb)	1008	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	6%	5%	5%
Wind (km/hr)	9 Km/h, WSW	10 Km/h, S	12 Km/h, SW

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



SATELLITE VIEW OF BAY OF BENGAL

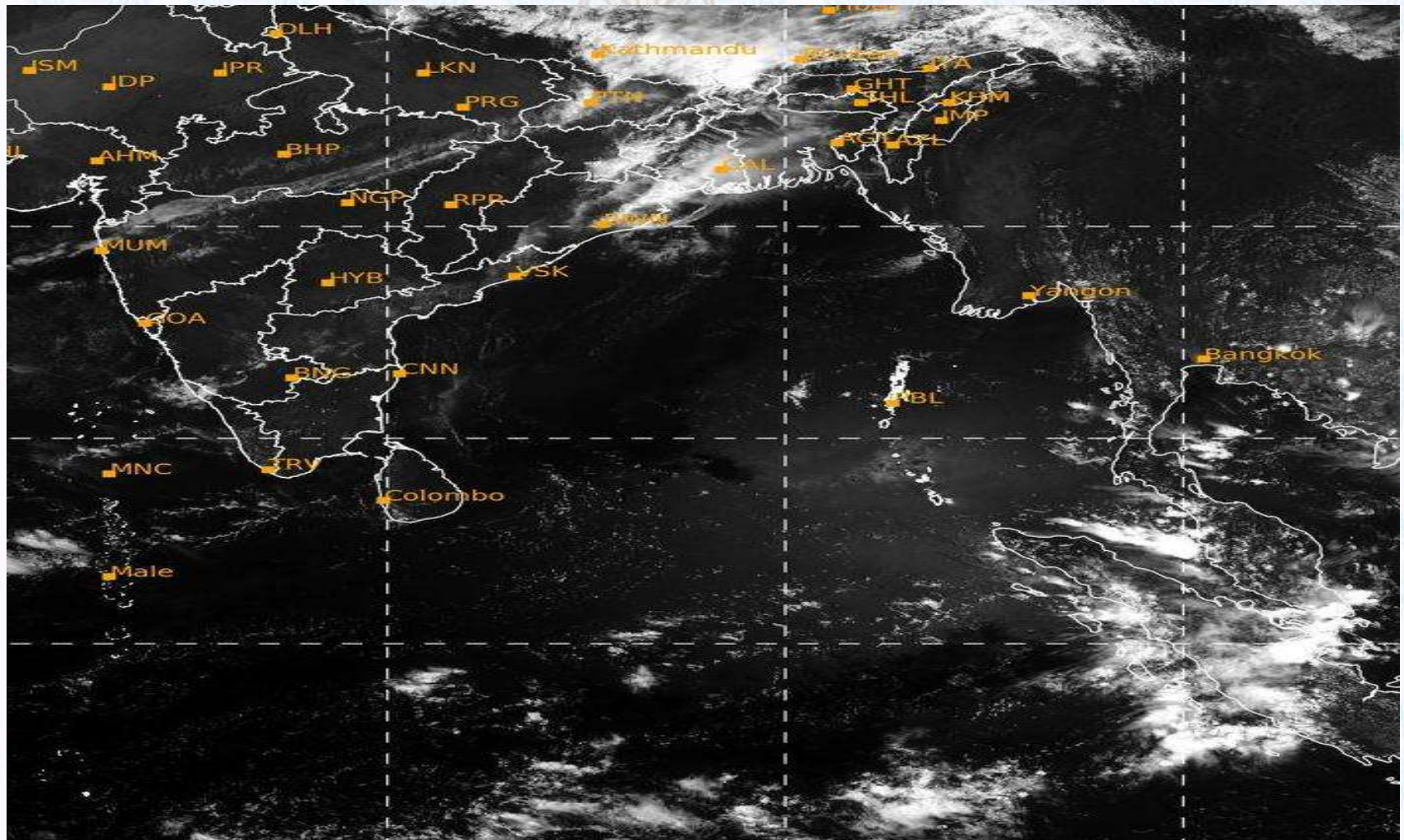


22/04/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



22/04/2021, 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 22.04.2021)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA -C90.
	Wind	SW/S'LY, 08-12 KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWRS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 22,0000 UTC. CHATTOGRAM =1008 HPA



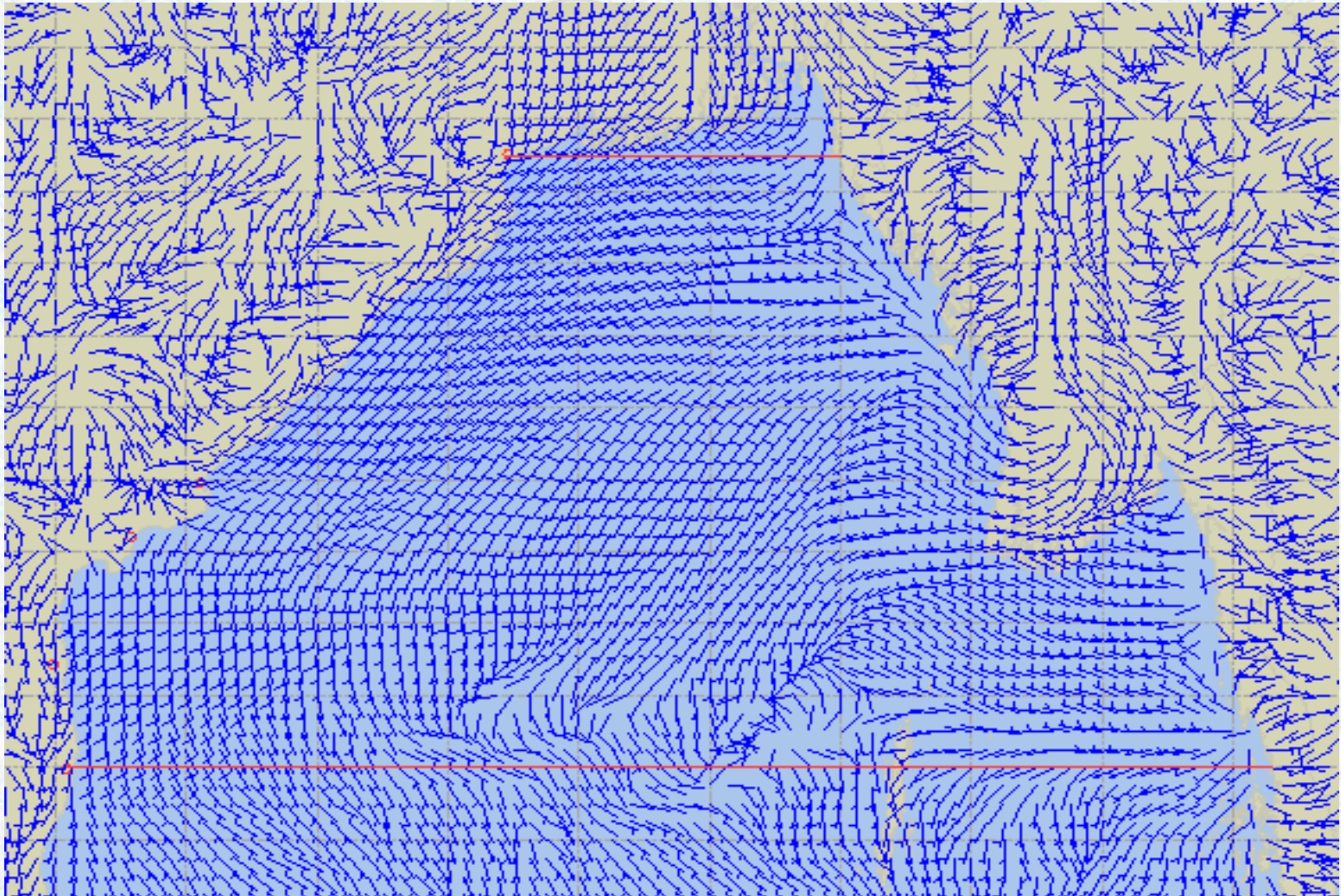
Inland River Port Warning (VALID TILL 06 PM OF 22.04.2020)

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **W/NW'LY** GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, BOGURA, TANGAIL, MYMENSINGH, PABNA, DHAKA, FARIDPUR, KUSHTIA, JASHORE, KHULNA, PATUAKHALI, BARISHAL, NOAKHALI, CUMILLA AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 23 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



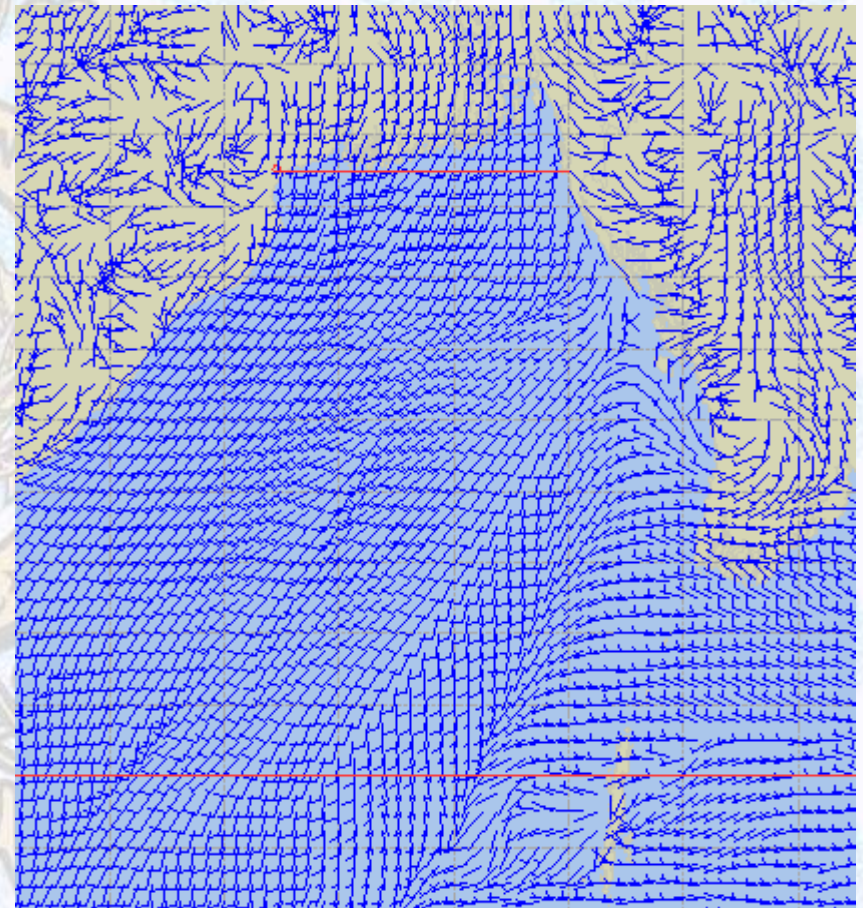
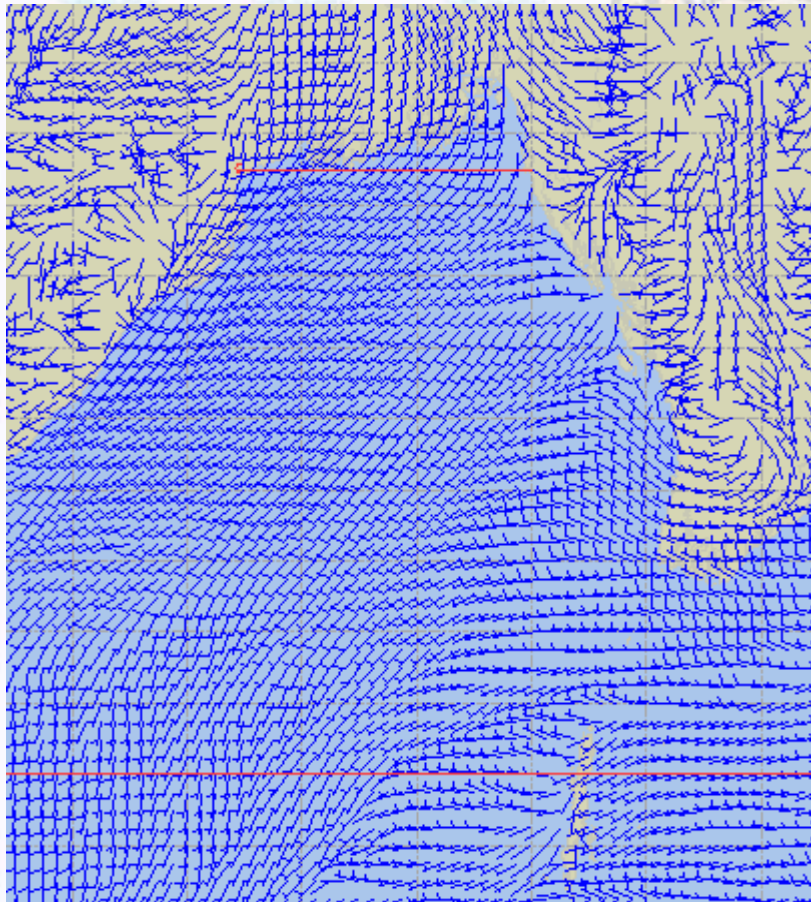
60 Knots



Surface Wind Forecast – 24 & 25 Apr - 2021

24 Apr 21 Saturday

24 Apr 21 Sunday



Legend:



Calm
Winds



5 Knots



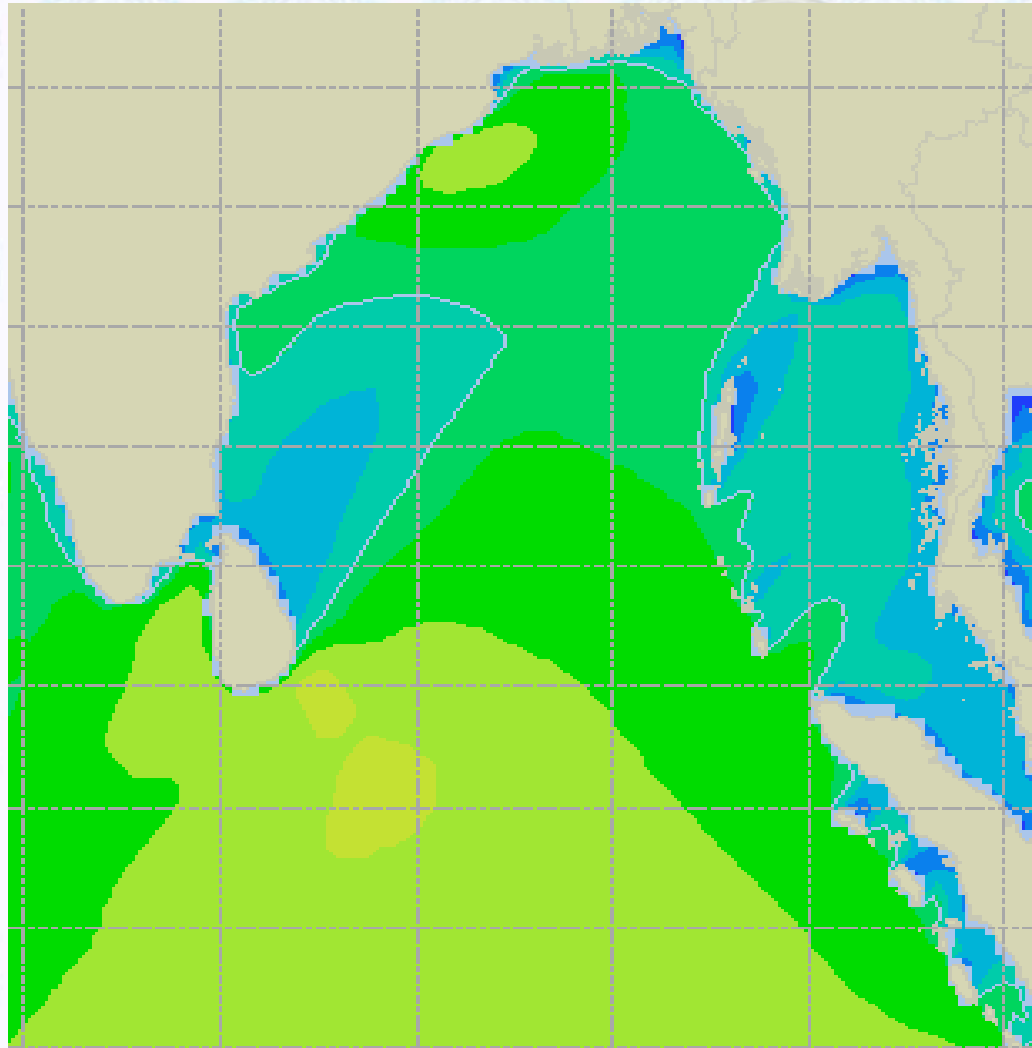
10 Knots



60 Knots



Sea State Forecast – 23 Apr - 2021



Sea State	Ht (m)
0	0
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

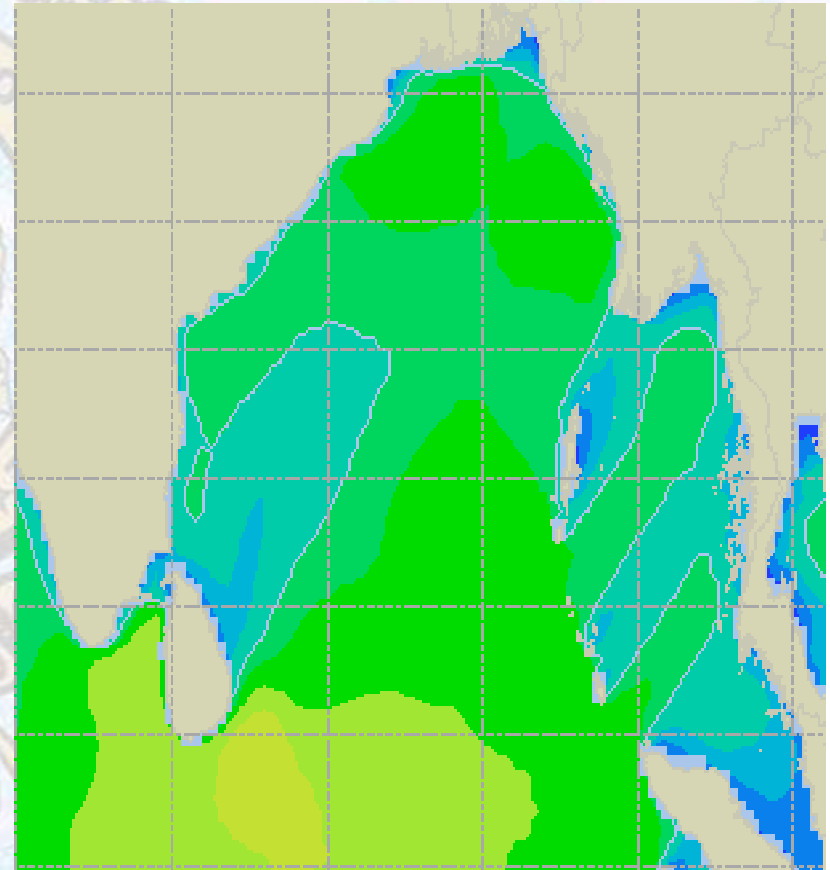
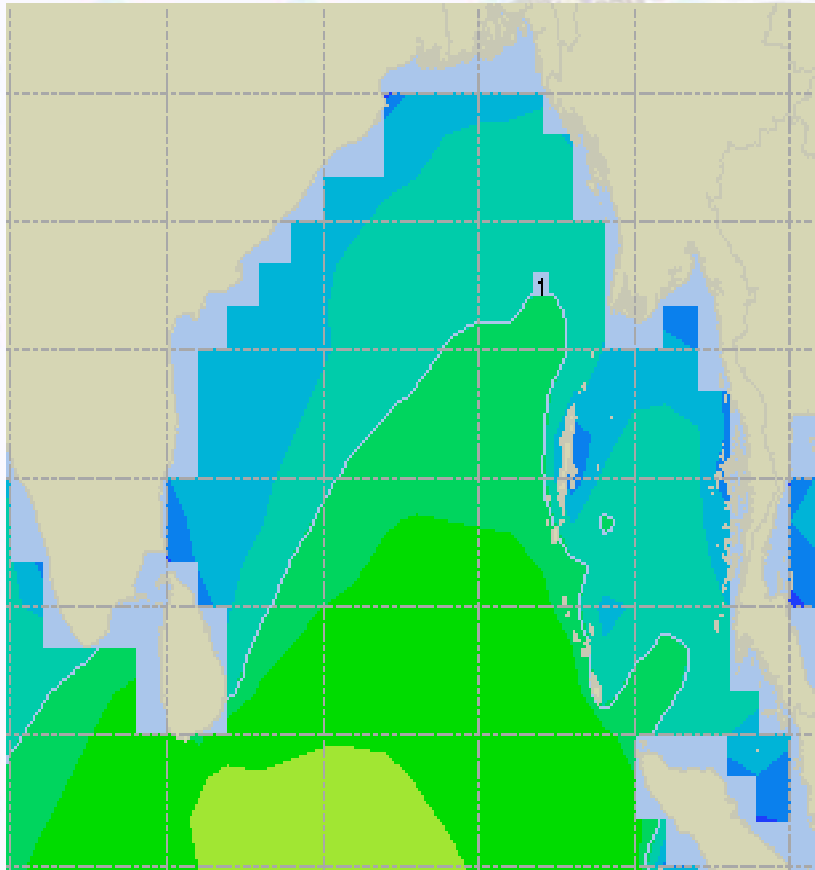




Sea State Forecast – 24 & 25 Apr - 2021

24 Apr 21 Saturday

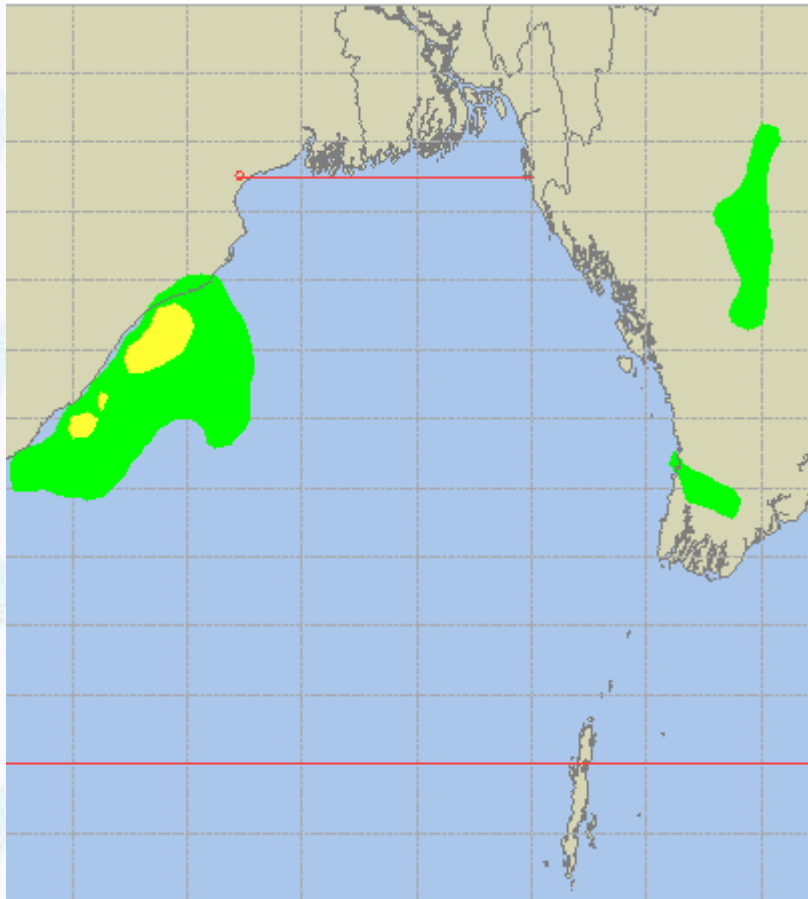
25 Apr 21 Sunday



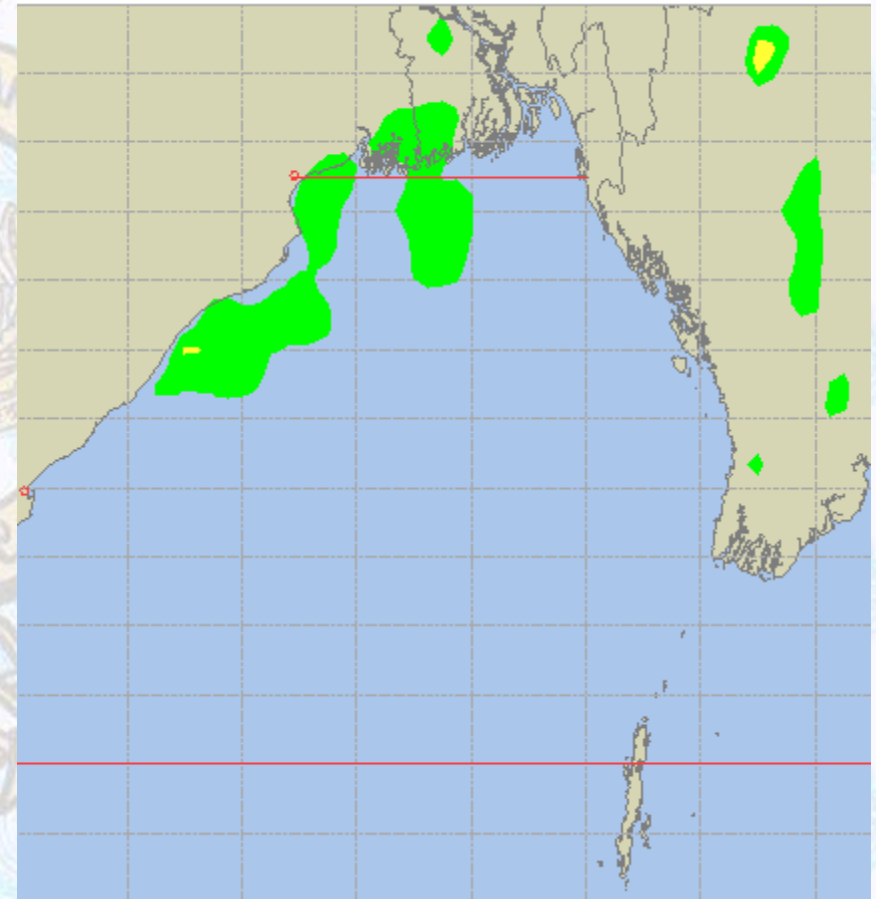


Peak Gusting Possibilities– 23 & 24 Apr 2021

23 Apr 21 Friday



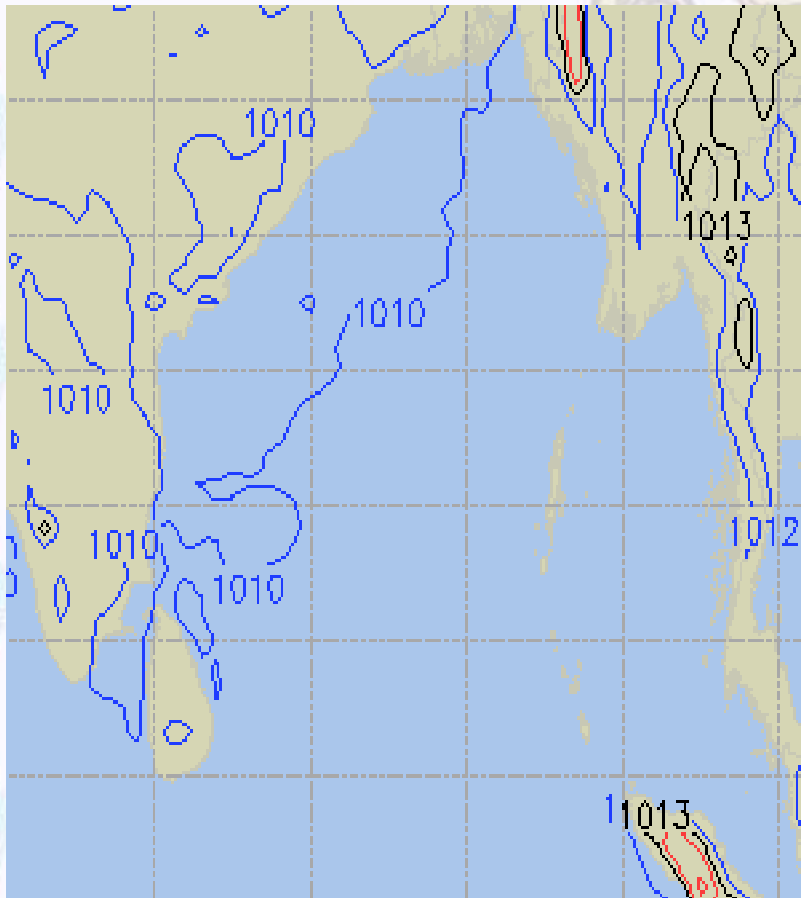
24 Apr 21 Saturday



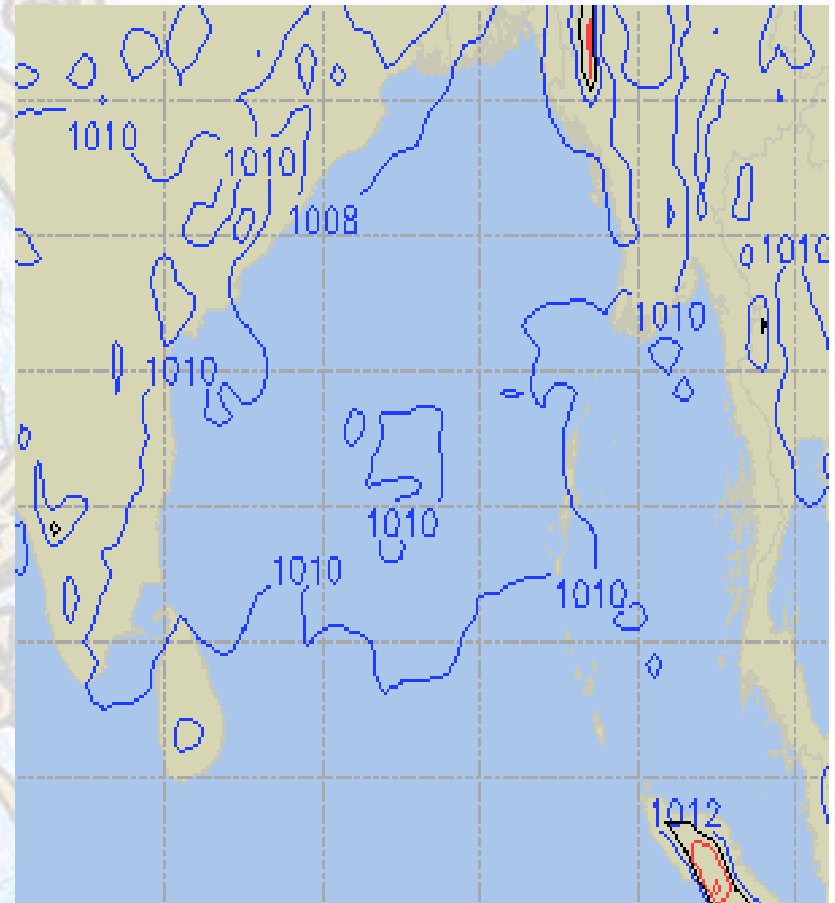


Surface Pressure forecast – 23 & 24 Apr 2021

23 Apr 21 Friday



24 Apr 21 Saturday

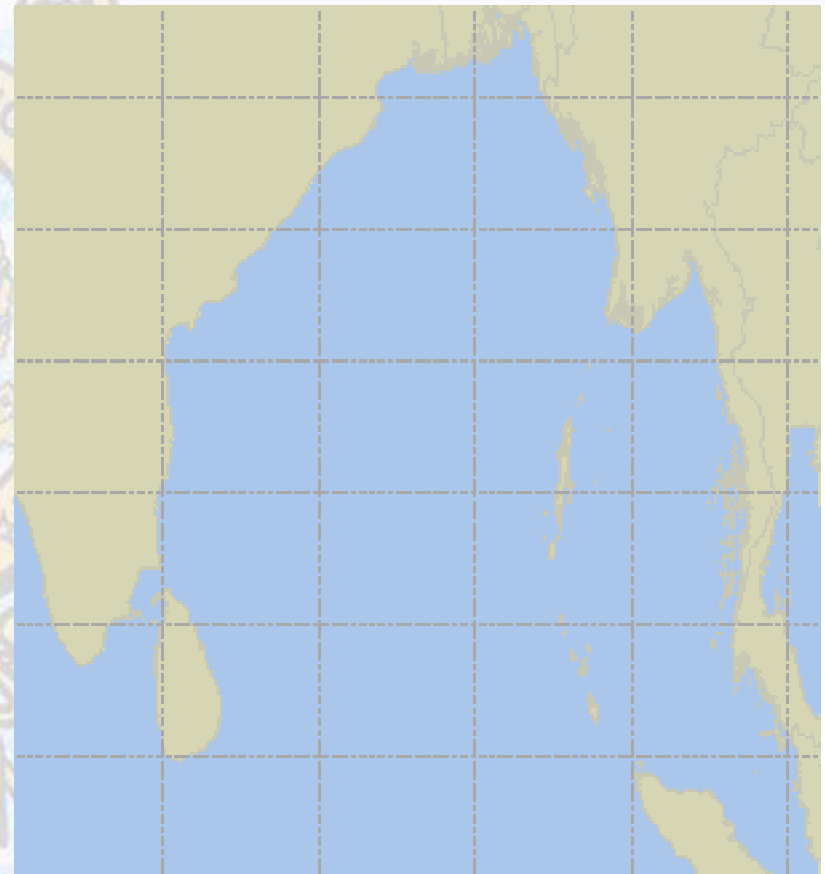
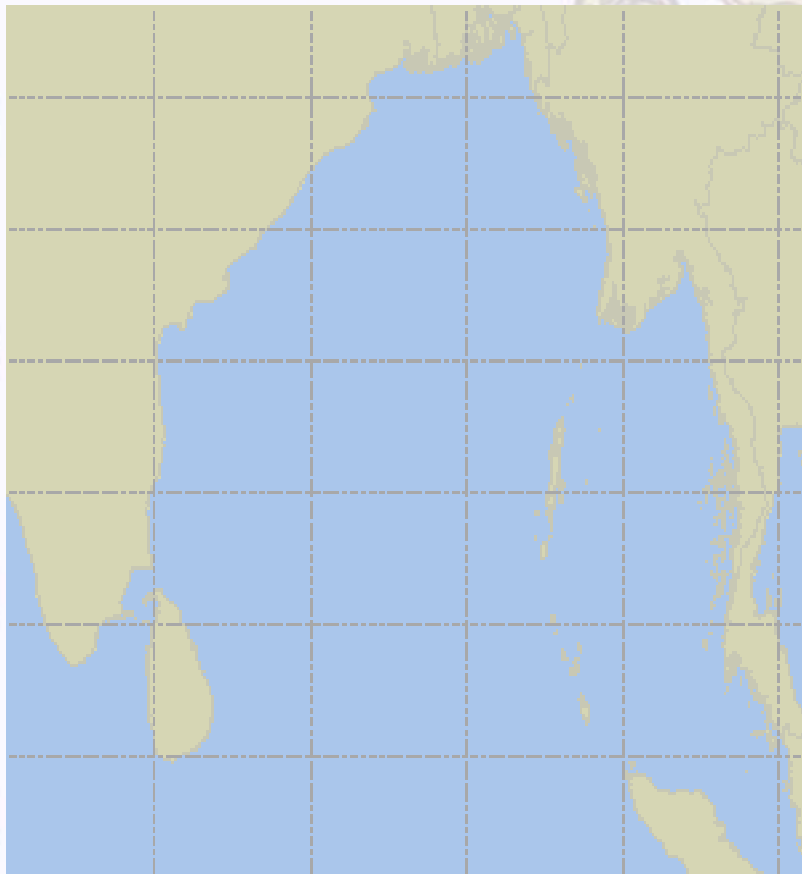




Visibility at Sea Forecast – 23 & 24 Apr 2021

23 Apr 21 Friday

24 Apr 21 Saturday



Visibility Scale:

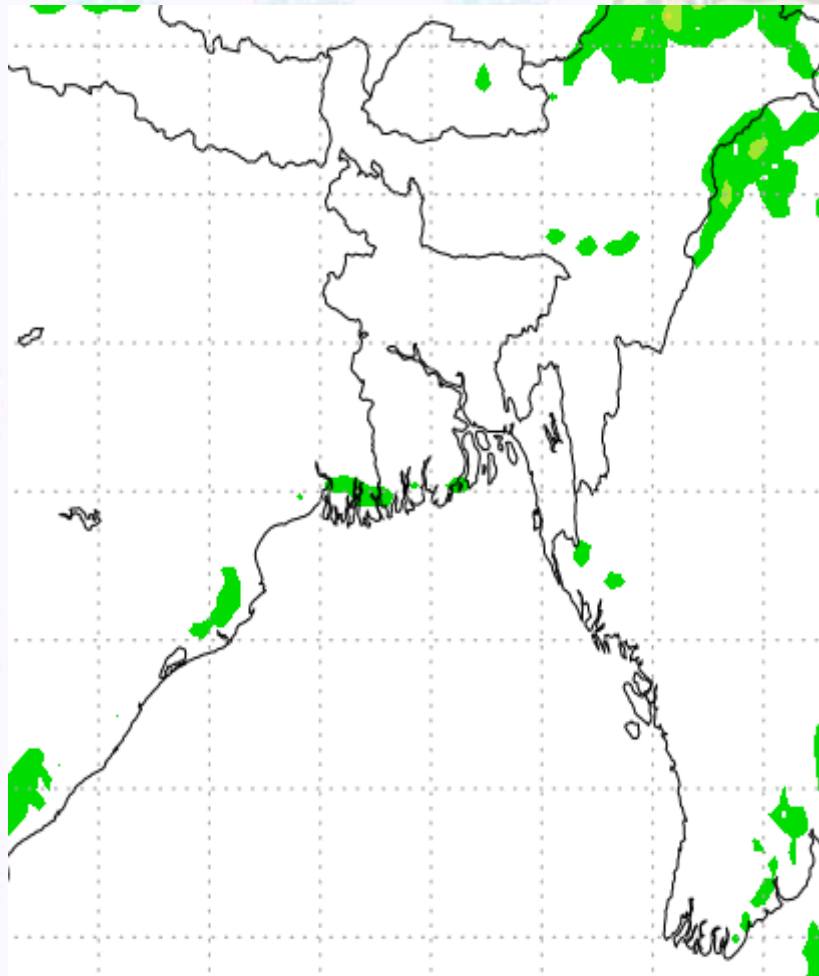


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

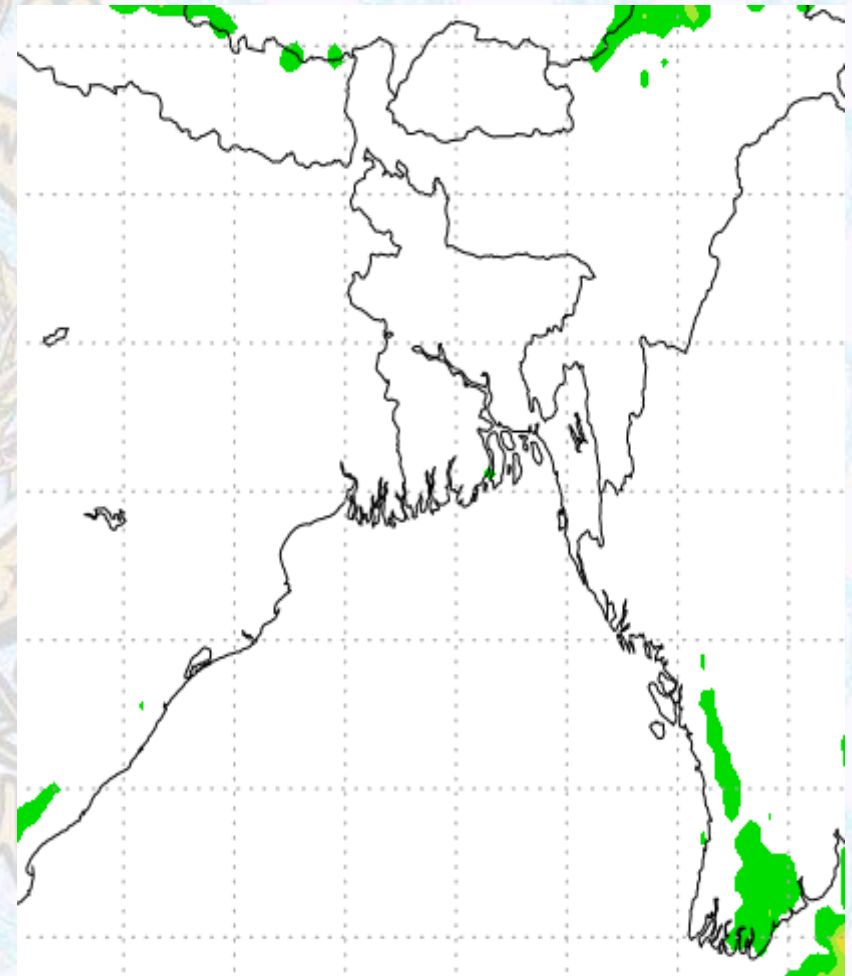


Precipitation

Rain(mm) 23 & 24 Apr 21



Rain(mm) 24 & 25 Apr 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0411		1.13			0149	0.98
23 Apr 2021	1011	3.87		0746	2.59		0744	2.45
	1633	1.23		1406	1.01		1347	1.07
	2221	4.20		2004	2.90		1953	2.68
	Time	Height		Time	Height		Time	Height
		0509		0.86			0243	0.77
24 Apr 2021	1103	4.27		0836	2.98		0838	2.74
	1732	0.94		1506	0.79		1449	0.85
	2313	4.45		2052	3.17		2046	2.84
	Time	Height		Time	Height		Time	Height
		0557		0.63			0330	0.56
25 Apr 2021	1146	4.61		0918	3.35		0922	3.00
	1820	0.70		1555	0.58		1539	0.64
	2357	4.64		2135	3.39		2132	2.97