



WEATHER FORECAST FOR BN

19 - 22 APR 2021



WEATHER FORECAST – DHAKA

19.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 23	29 / 22	30 / 23	28 / 23
Wind	15 km/h WSW	18 km/h SSW	16 km/h S	16 m/h S
Humidity	60%	49%	58%	68%
Chance of Precip	9%	1%	1%	5%
Cloud Cover	3%	2%	8%	4%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	05: 33 AM 18: 22 PM			

Conditions

Pressure : 1008 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

19.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 25	30 / 25	29 / 27	27 / 26
Wind	17 km/h SW	15 km/h SW	11 km/h SW	9 km/h S
Humidity	69%	72%	79%	80%
Chance of Precip.	1%	2%	5%	7%
Cloud Cover	1%	3%	5%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	05: 29 AM			
Sunset	18: 15 PM			

Conditions

Pressure : 1010 hpa

Visibility : 3.54 Km

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



WEATHER FORECAST – KHULNA

19.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 22	34 / 22	31 / 25	28 / 24
Wind	15 km/h SSW	14 km/h SSW	17 km/h SSW	14 m/h SSW
Humidity	48%	49%	70%	78%
Chance of Precip.	23%	97%	3%	7%
Cloud Cover	2%	7%	7%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	05: 38 AM 18: 24 PM			

Conditions

Pressure : 1009 hpa

Visibility : 11.27 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	20 Apr 2021	21 Apr 2021	22 Apr 2021
Temperature (C)	38 °C/ 26 °C	37 °C/ 27 °C	35 °C/ 27 °C
Summary	Sunny	Sunny	Cloudy / Light Rain
Sun Rise/Set	5h 32m54s/18h22m36s	5h 32m00s/18h22m54s	5h 31m12s/18h23m18s
Day Length	12h49m42s	12h50m54s	12h52m06s
Moon Rise/ Set	11:31AM 12:38AM	12:28PM 1:26AM	1:29PM 2:11AM
Moon Phase/ illu	First Quarter, 47%	Waxing Gibbous, 58%	Waxing Gibbous, 68%
Nautical Twilight	04:44, 19:09	04:44, 19:09	04:44, 19:09
Civil Twilight	05:11, 18:45	05:11, 18:45	05:11, 18:45
Humidity	D : 52% N : 72%	D : 62% N : 72%	D : 62% N : 73%
Barometer (mb)	1006	1006	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	6%	7%	47%
Wind (km/hr)	16 Km/h, SSW	15 Km/h, S	12 Km/h, SSW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	20 Apr 2021	21 Apr 2021	22 Apr 2021
Temperature (C)	31 °C / 26 °C	32 °C / 26 °C	32 °C / 27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h28m42s/ 18h15m18s	5h27m48s/ 18h15m36s	5h27m06s/ 18h16m00s
Day Length	12h46m36s	12h47m34s	12h48m54s
Moon Rise/ Set	11:31AM 12:28AM	12:18PM 1:36AM	1:49PM 2:31AM
Moon Phase/ illu	First Quarter, 47%	Waxing Gibbous, 58%	Waxing Gibbous, 68%
NauticalTwilight	04:40, 19:02	04:40, 19:02	04:40, 19:02
Civil Twilight	05:07, 18:37	05:07, 18:37	05:07, 18:37
Humidity	D : 78% N : 95%	D : 78% N : 95%	D : 78% N : 95%
Barometer (mb)	1008	1008	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	13%	08%	11%
Wind (km/hr)	15 Km/h, SW	14 Km/h, SW	15 Km/h, SW

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



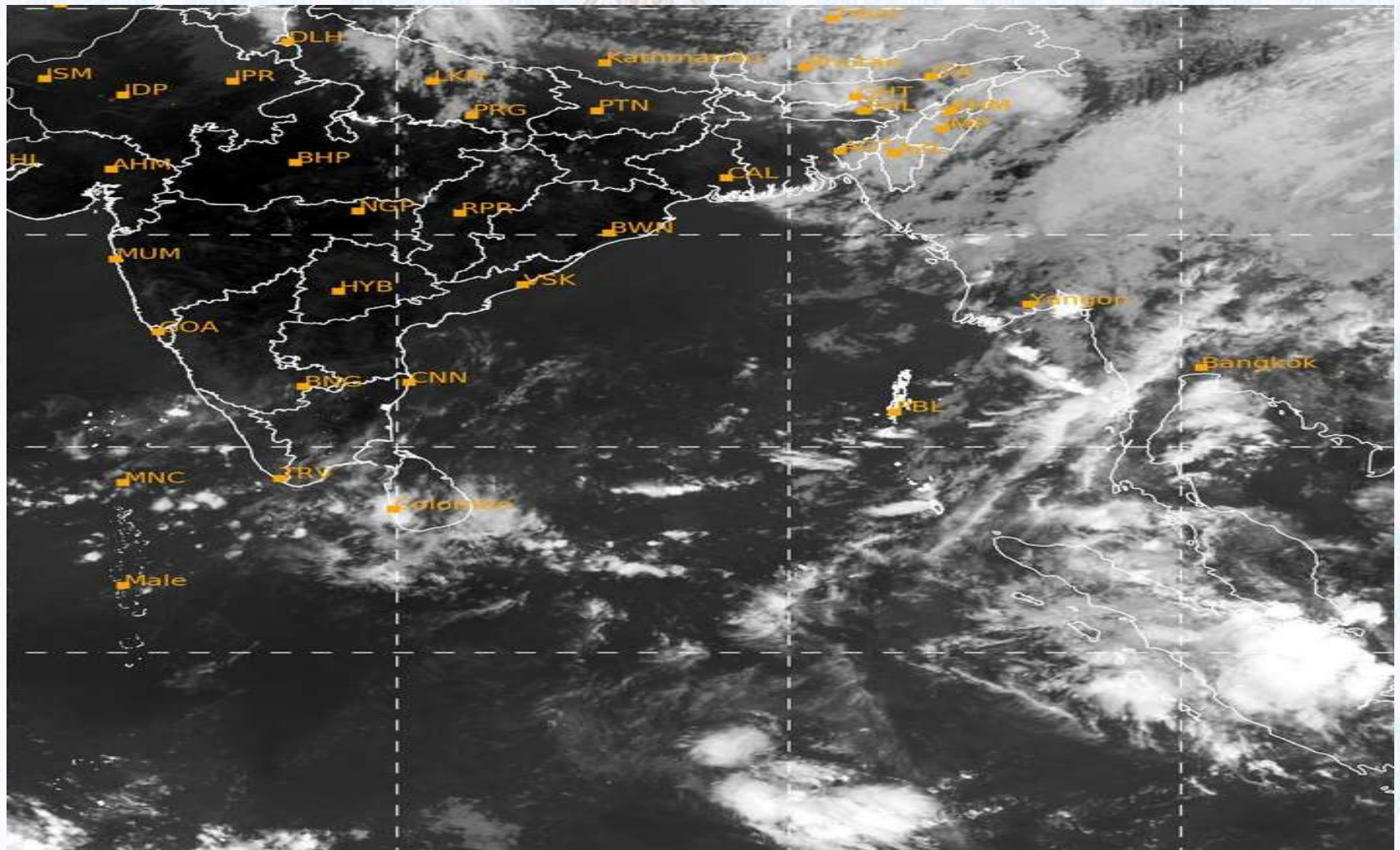
GENERAL WEATHER FORECAST – KHULNA

Description	20 Apr 2021	21 Apr 2021	22 Apr 2021
Temperature(C)	36°C/ 27°C	35°C/ 28°C	35°C/ 28°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	5h37m18s/ 18h25m00s	5h36m30s/ 18h25m18s	5h35m42s/ 18h25m36s
Day Length	12h 47m 42s	12h 48m 48s	12h 49m 54s
Moon Rise/Set	11:31AM 12:28AM	12:08PM 11:06AM	1:20PM 2:16AM
Moon Phase/illu	First Quarter, 47%	Waxing Gibbous, 58%	Waxing Gibbous, 68%
Nautical Twilight	04:49, 19:12	04:49, 19:12	04:49, 19:12
Civil Twilight	05:16, 18:46	05:16, 18:46	05:16, 18:46
Humidity	D : 70% N : 87%	D : 70% N : 87%	D : 71% N : 87%
Barometer (mb)	1008	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	13%	6%	14%
Wind (km/hr)	17 Km/h, SSW	18 Km/h, SSW	14 Km/h, SW

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



SATELLITE VIEW OF BAY OF BENGAL



19/04/2021, 11:00 UTC MATSAT-IR

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 19.04.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER NORTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA -C90.
	Wind	SOUTH/SOUTH-WESTERLY 10 -12 KTS.
	Visibility	03-05 KMS, REDUCING TO 2000 M OR LESS IN HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 19,0000 UTC. CHATTOGRAM =1008 HPA



Inland River Port Warning (VALID TILL 06 PM OF 19.04.2020)

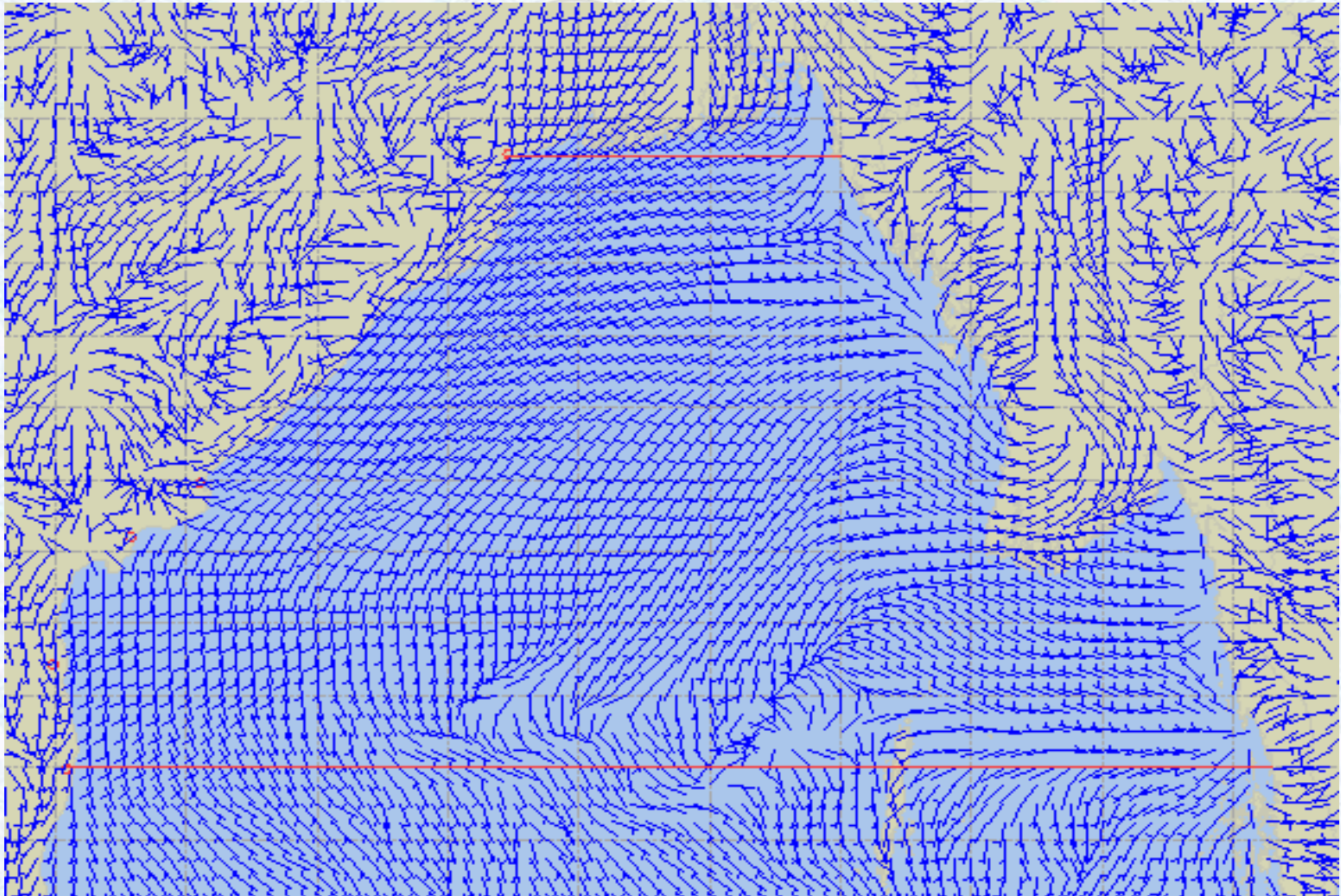
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 20 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



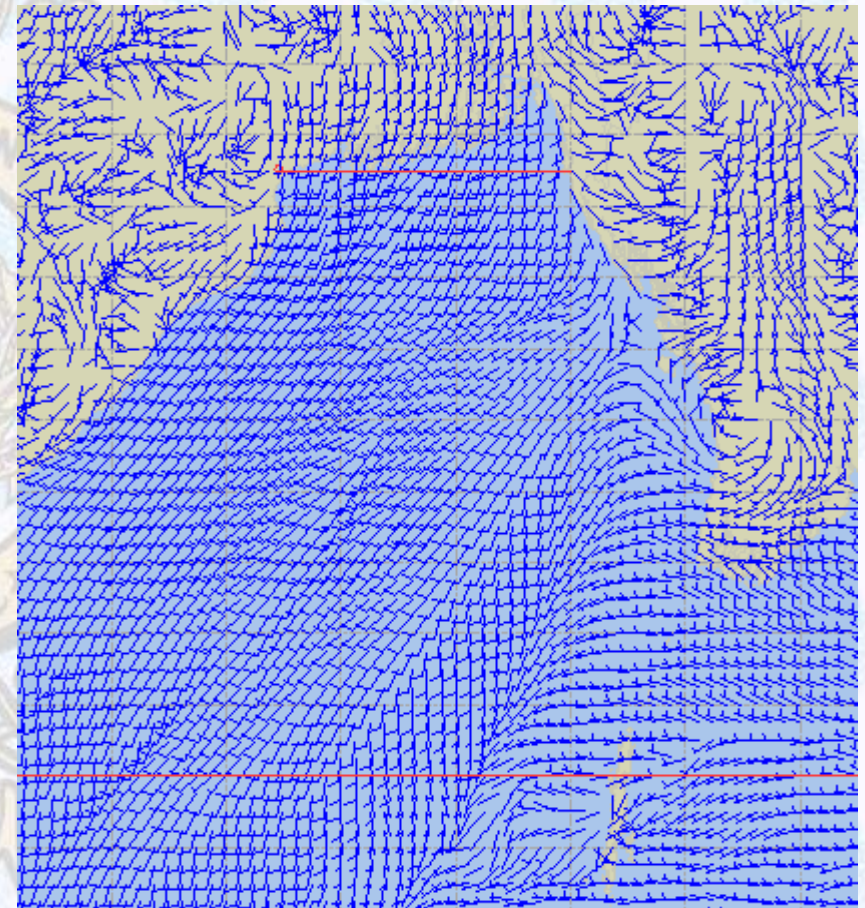
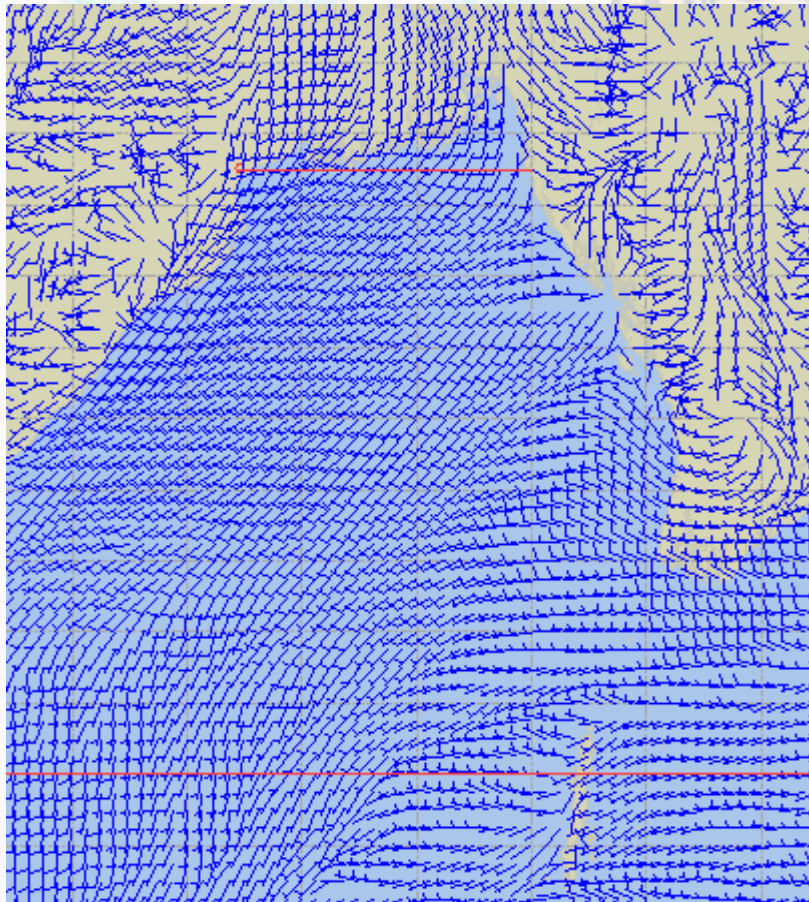
60 Knots



Surface Wind Forecast – 21 & 22 Apr - 2021

21 Apr 21 Wednesday

22 Apr 21 Thursday



Legend:



Calm
Winds



5 Knots



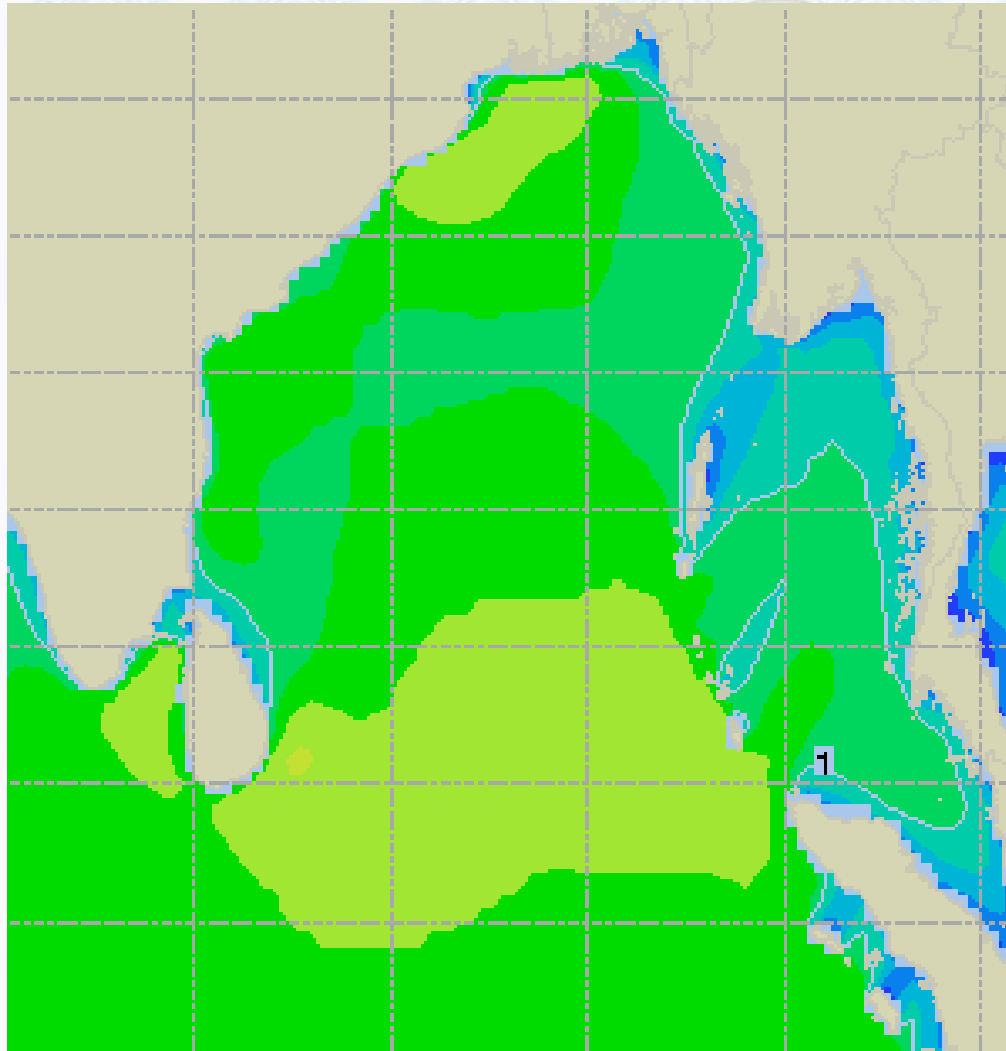
10 Knots



60 Knots



Sea State Forecast – 20 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

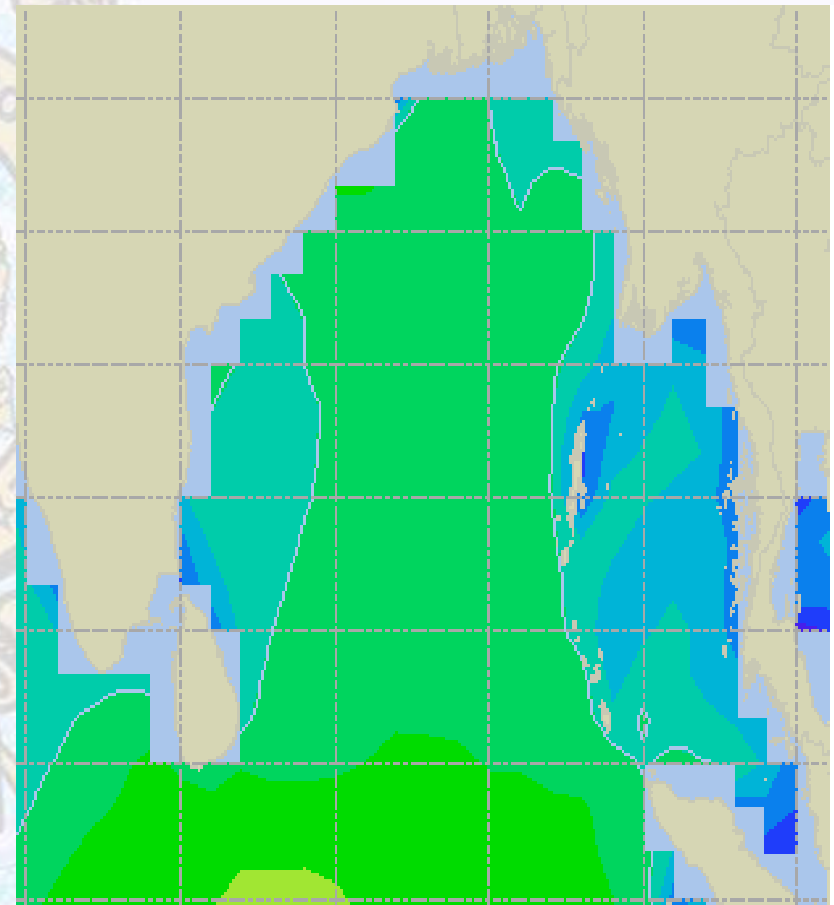
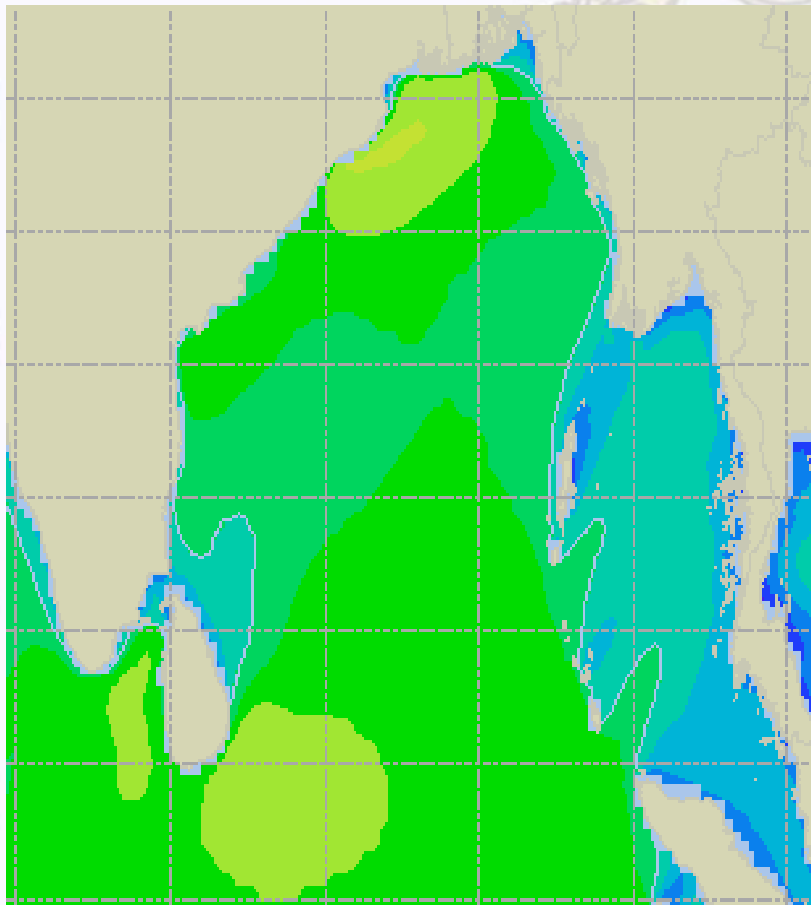




Sea State Forecast – 21 & 22 Apr - 2021

21 Apr 21 Wednesday

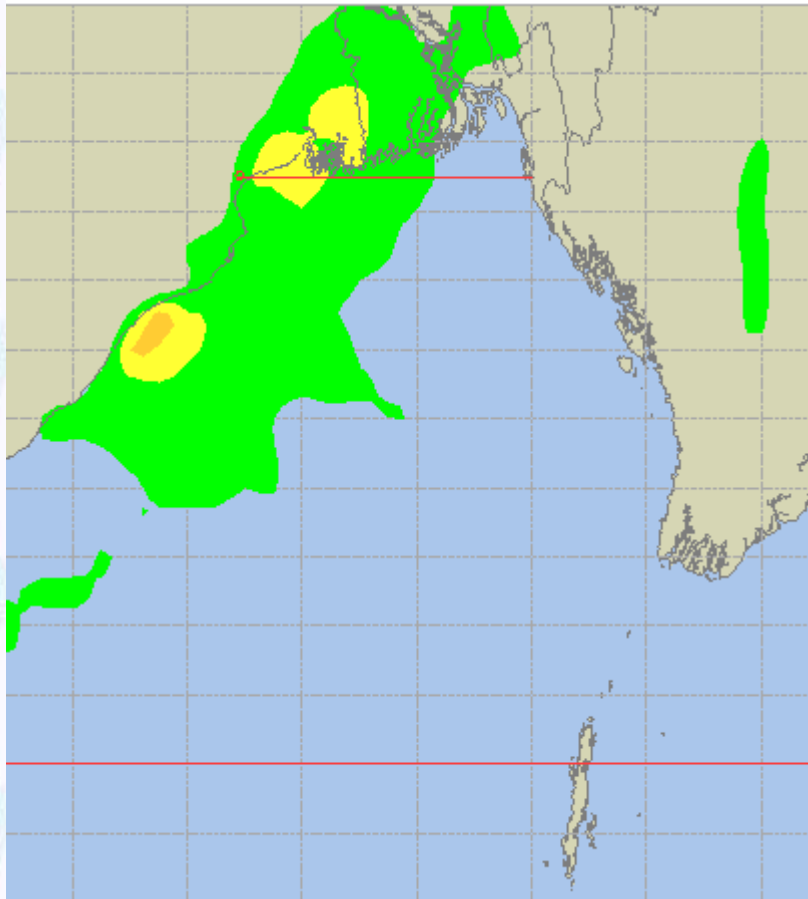
22 Apr 21 Thursday



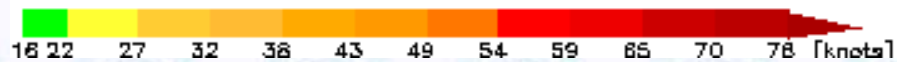
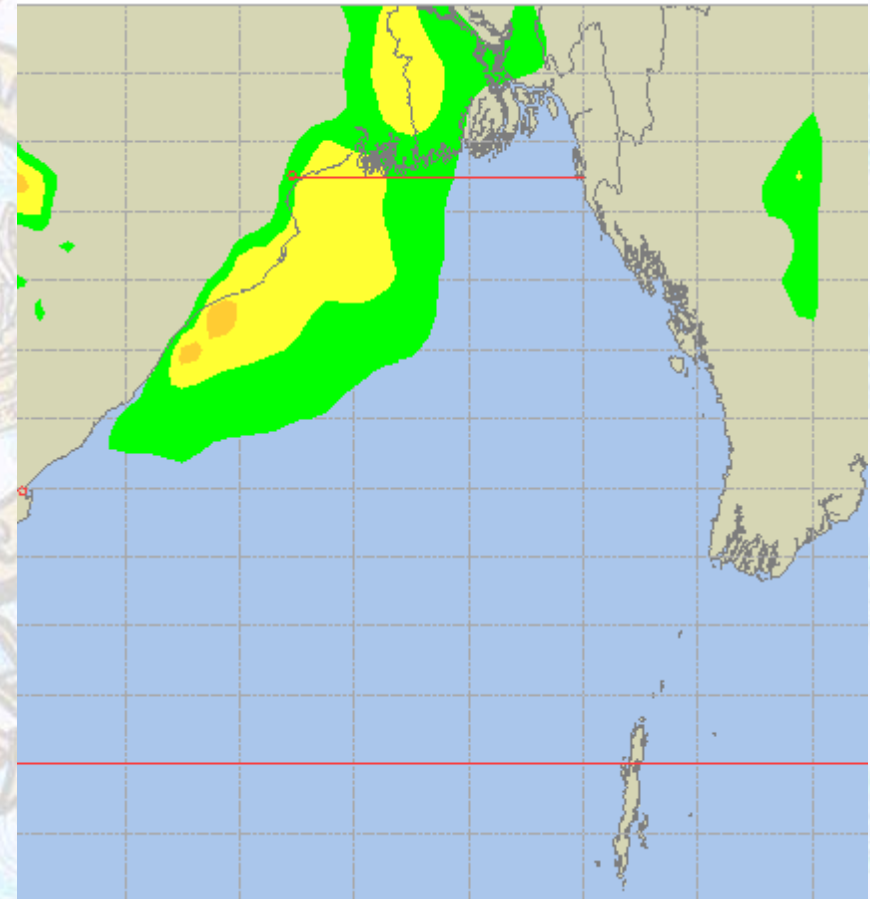


Peak Gusting Possibilities– 20 & 21 Apr 2021

20 Apr 21 Tuesday



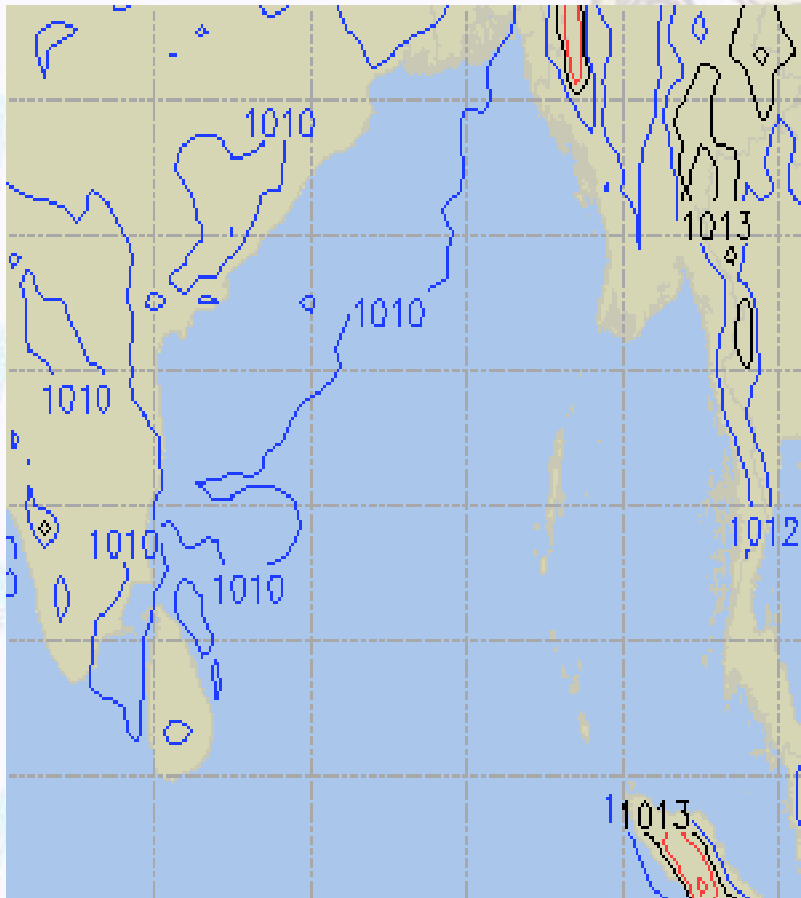
21 Apr 21 Wednesday



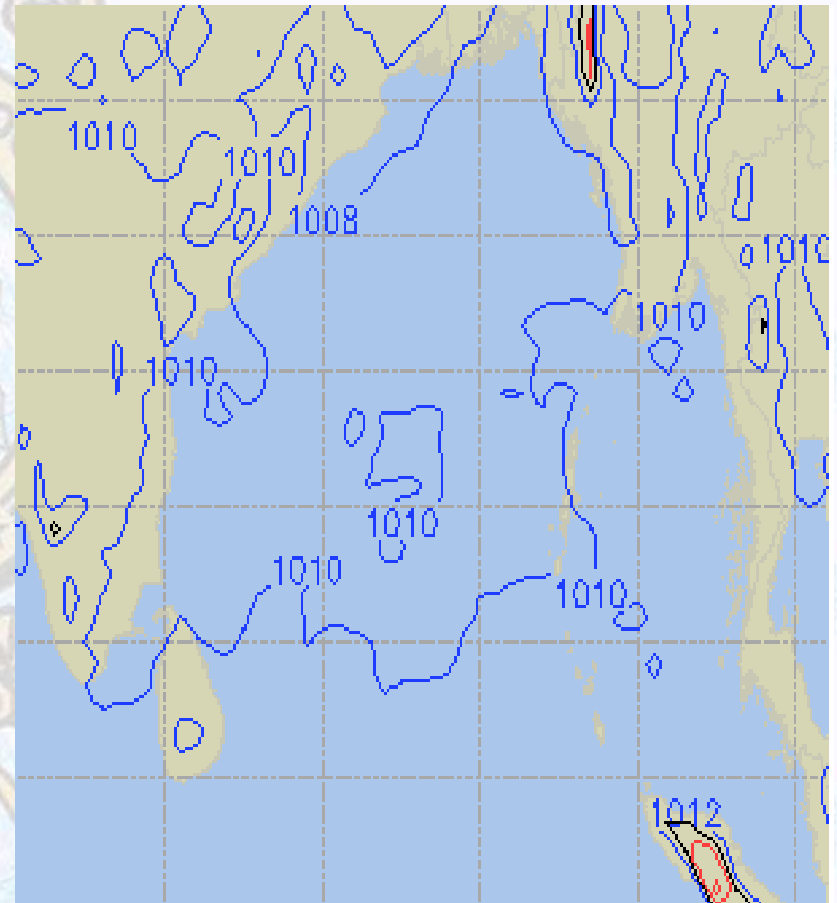


Surface Pressure forecast – 20 & 21 Apr 2021

20 Apr 21 Tuesday



21 Apr 21 Wednesday

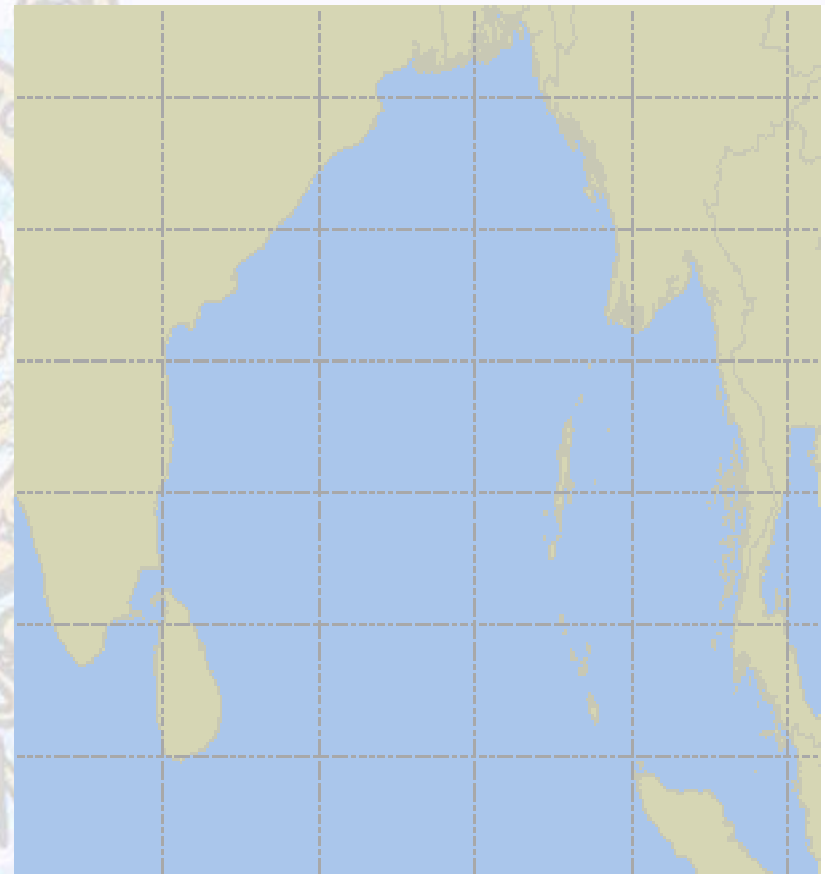
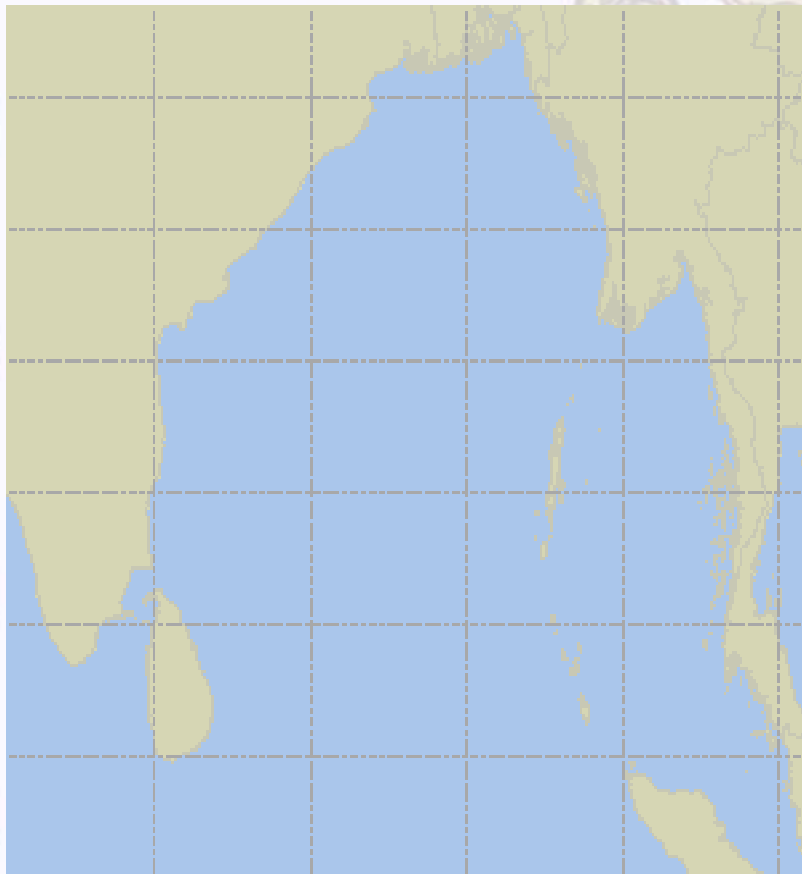




Visibility at Sea Forecast – 20 & 21 Apr 2021

20 Apr 21 Tuesday

21 Apr 21 Wednesday



Visibility Scale:

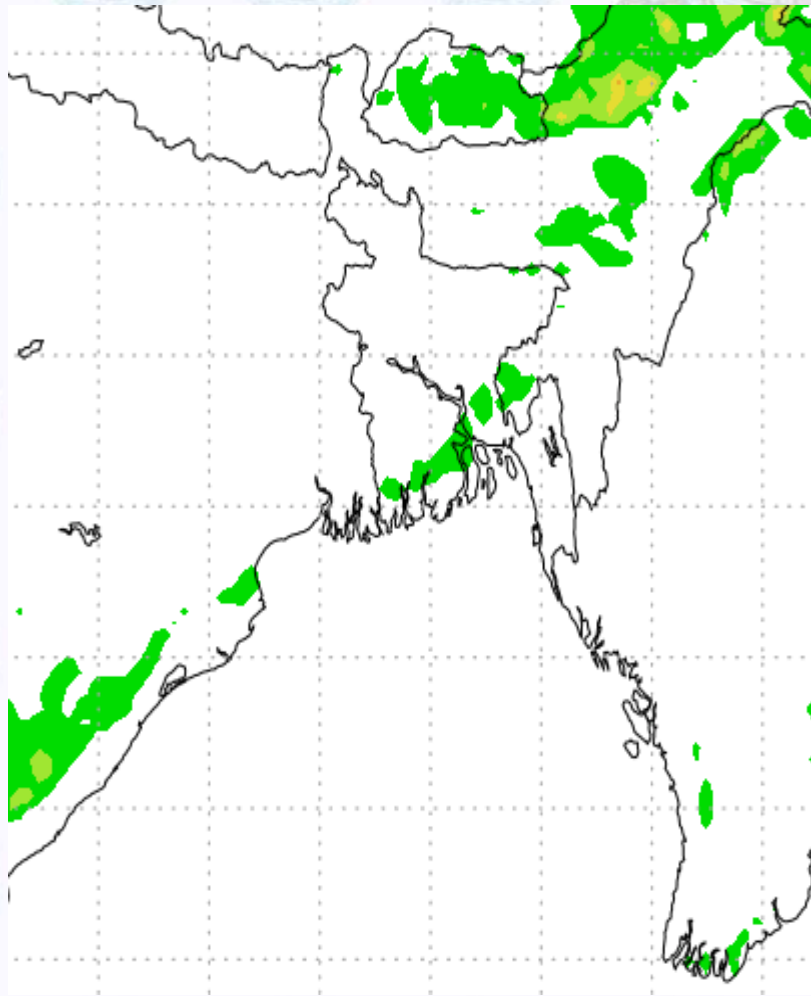


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

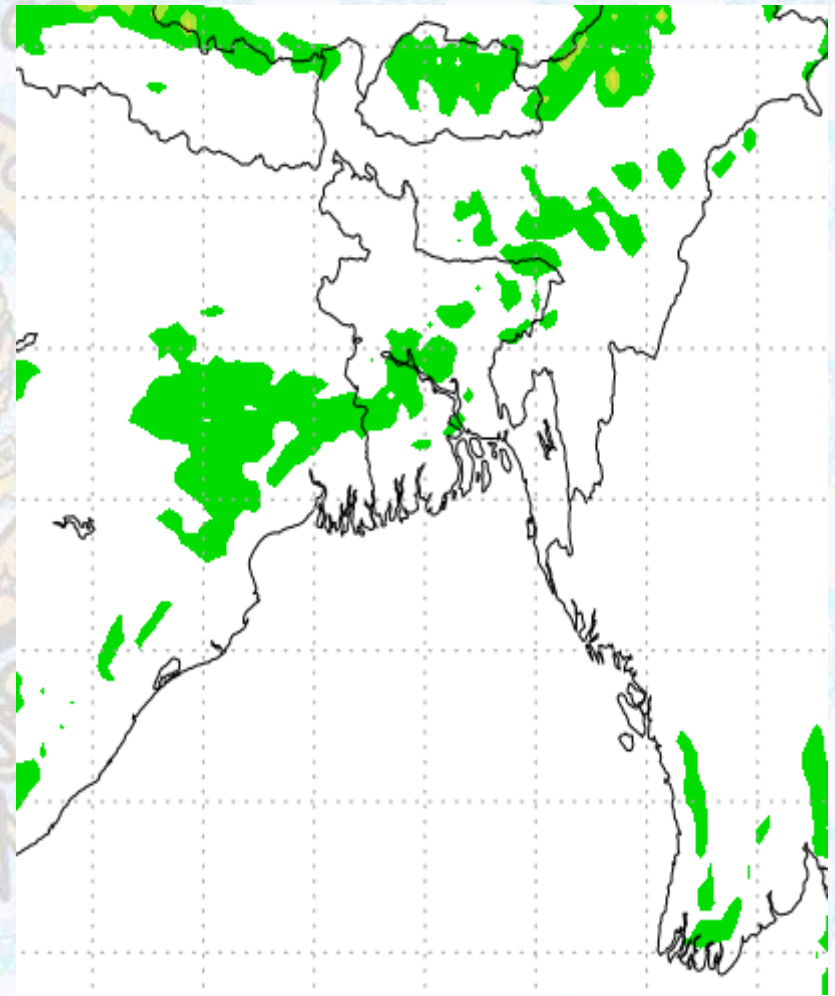


Precipitation

Rain(mm) 20 & 21 Apr 21



Rain(mm) 21 & 22 Apr 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0604		3.31			0327	2.19
20 Apr 2021	1208	1.44		0936	1.06		0921	1.20
	1839	3.68		1610	2.45		1559	2.41
	-	-		2242	1.14		2246	1.31
	Time	Height		Time	Height		Time	Height
		0119		1.43			0449	2.12
21 Apr 2021	0731	3.27		1100	1.20		1053	1.30
	1338	1.59		1741	2.45		1724	2.41
	2002	3.72		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0255		1.39			0032	1.14
22 Apr 2021	0900	3.49		0634	2.25		0626	2.20
	1515	1.50		1245	1.17		1228	1.24
	2118	3.92		1904	2.63		1847	2.51