



WEATHER FORECAST FOR BN

21 - 24 APR 2021





WEATHER FORECAST – DHAKA

21.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36° / 25°	35° / 22°	32° / 23°	31° / 26°
Wind	12 km/h WSW	12 km/h WSW	10 km/h W	7 m/h SW
Humidity	60%	49%	58%	91%
Chance of Precip	9%	1%	1%	5%
Cloud Cover	55%	66%	45%	64%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0532 / 1822			

Conditions

Pressure : 1008 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

21.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31° / 25°	30° / 25°	29° / 27°	27° / 26°
Wind	12 km/h SW	15 km/h SW	10 km/h SW	5 km/h SSW
Humidity	69%	72%	79%	90%
Chance of Precip.	1%	2%	5%	7%
Cloud Cover	21%	3%	5%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise / Sunset	0527 / 1815			

Conditions

Pressure : 1010 hpa

Visibility : 3.54 Km

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



WEATHER FORECAST – KHULNA

21.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	37° / 22°	34° / 22°	31° / 25°	29° / 24°
Wind	15 km/h 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	42%	47%	37%	33%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0536 / 1825			

Conditions

Pressure : 1009 hpa

Visibility : 11.27 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	22 Apr 2021	23 Apr 2021	24 Apr 2021
Temperature (C)	34 °C/ 26 °C	36 °C/ 26 °C	38 °C/ 26 °C
Summary	Cloudy / Light Rain	Cloudy	Sunny
Sun Rise/Set	5h 31m12s/18h23m18s	5h 30m18s/18h23m36s	5h 29m30s/18h24m06s
Day Length	12h52m06s	12h53m18s	12h54m36s
Moon Rise/ Set	1:29PM/ 2:11AM	2:29PM/ 2:53AM	3:31PM 3:33AM
Moon Phase/ illu	Waxing Gibbous, 68%	Waxing Gibbous, 78%	Waxing Gibbous, 87%
Nautical Twilight	04:44, 19:09	04:44, 19:10	04:44, 19:11
Civil Twilight	05:11, 18:45	05:12, 18:46	05:12, 18:47
Humidity	D : 62% N : 73%	D : 55% N : 68%	D : 55% N : 68%
Barometer (mb)	1008	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	51%	7%	4%
Wind (km/hr)	13 Km/h, SSW	12 Km/h, WSW	10 Km/h, SW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	22 Apr 2021	23 Apr 2021	24 Apr 2021
Temperature (C)	31 °C / 26 °C	32 °C / 26 °C	34 °C / 25 °C
Summary	Partly Cloudy	Sunny	Partly Cloudy
Sun Rise/Set	5h27m06s/ 18h16m00s	5h26m12s/ 18h16m12s	5h25m30s/ 18h16m36s
Day Length	12h48m54s	12h50m00s	12h51m06s
Moon Rise/ Set	1:49PM 2:31AM	2:20PM / 2:13AM	3:21PM 3:13AM
Moon Phase/ illu	Waxing Gibbous, 68%	Waxing Gibbous, 78%	Waxing Gibbous, 87%
Nautical Twilight	04:40, 19:02	04:41, 19:03	04:41, 19:03
Civil Twilight	05:07, 18:37	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	6%	16%	4%
Wind (km/hr)	15 Km/h, WSW	14 Km/h, WNW	14 Km/h, NW

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



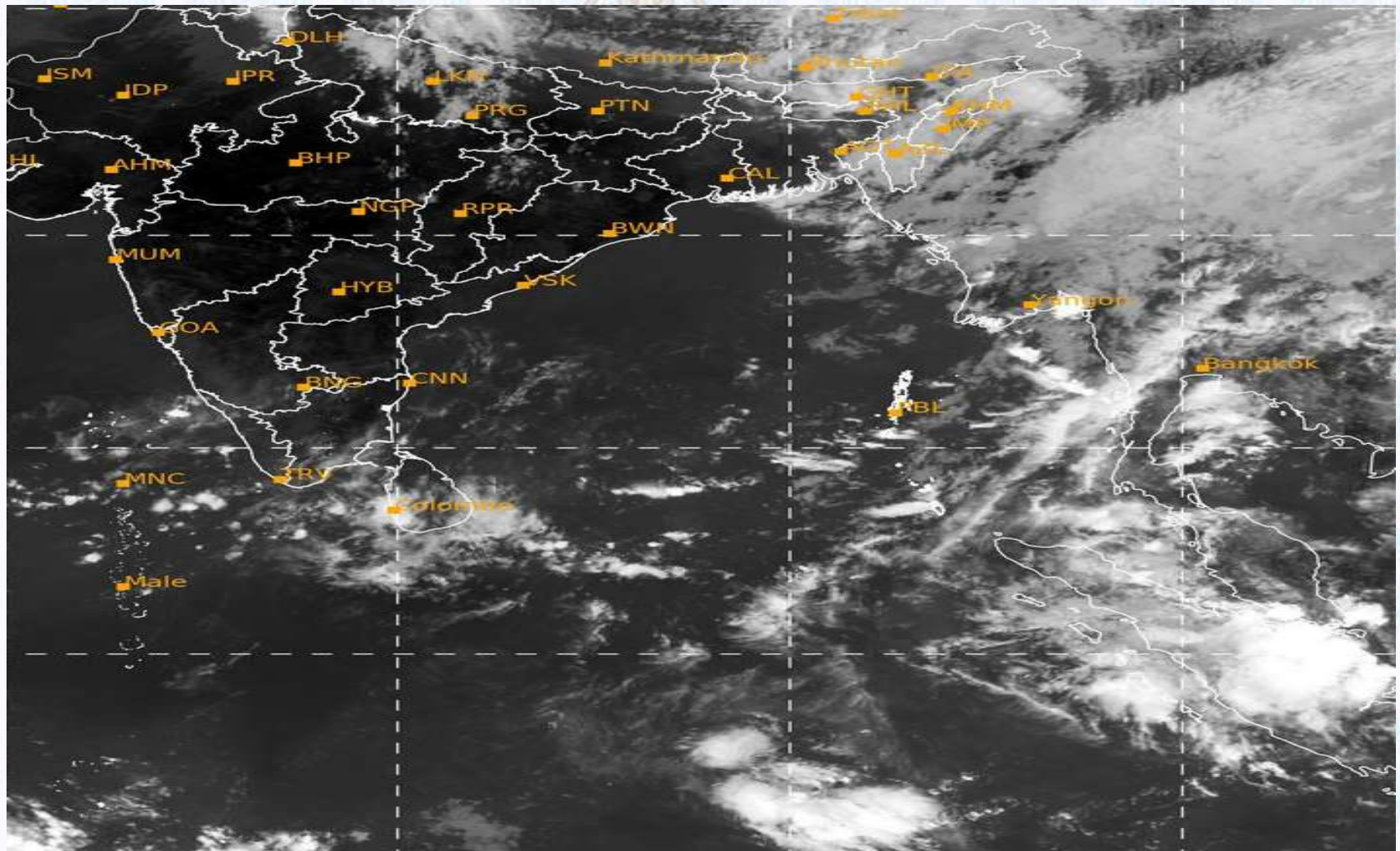
GENERAL WEATHER FORECAST – KHULNA

Description	22 Apr 2021	23 Apr 2021	24 Apr 2021
Temperature(C)	35°C/ 27°C	37°C/ 26°C	37°C/ 27°C
Summary	Cloudy	Cloudy	Sunny
Sun Rise/Set	5h35m42s/ 18h25m36s	5h35m48s/ 18h25m54s	5h34m00s/ 18h26m24s
Day Length	12h 49m 54s	12h 51m 06s	12h 52m 24s
Moon Rise/Set	1:20PM 2:16AM	2:19PM / 2:43AM	3:11PM 3:11AM
Moon Phase/illu	Waxing Gibbous, 68%	Waxing Gibbous, 78%	Waxing Gibbous, 87%
Nautical Twilight	04:49, 19:12	04:49, 19:13	04:49, 19:13
Civil Twilight	05:16, 18:46	05:16, 18:47	05:16, 18:47
Humidity	D : 61% N : 87%	D : 61% N : 85%	D : 61% N : 85%
Barometer (mb)	1008	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	24%	6%	5%
Wind (km/hr)	14 Km/h, SW	10 Km/h, WNW	10 Km/h, S

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



SATELLITE VIEW OF BAY OF BENGAL

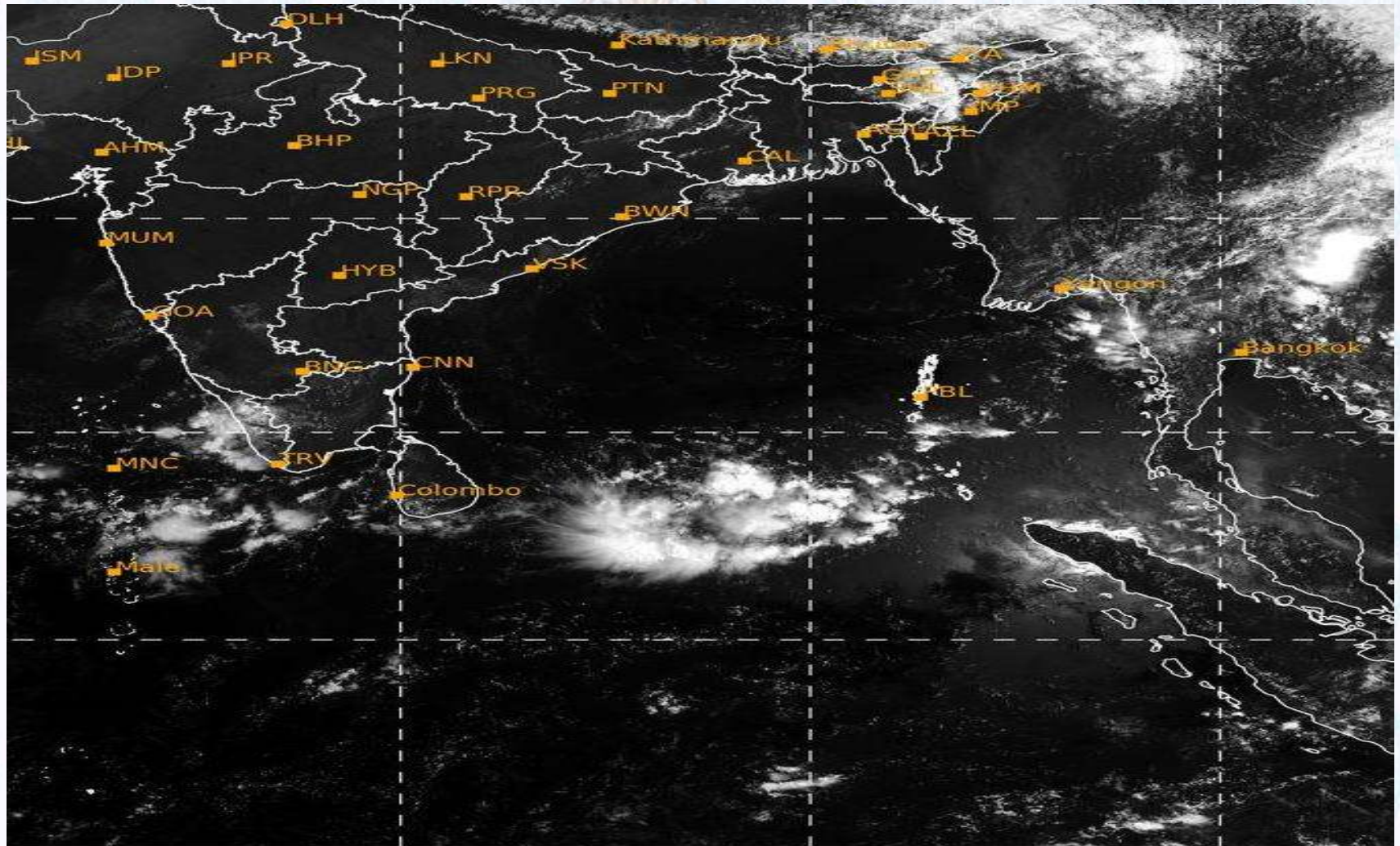


21/04/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



21/04/2021, 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 21.04.2021)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA -C90.
	Wind	WEST/SOUTH-WESTERLY, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 21,0000 UTC. CHATTOGRAM =1008 HPA



Inland River Port Warning (VALID TILL 06 PM OF 21.04.2020)

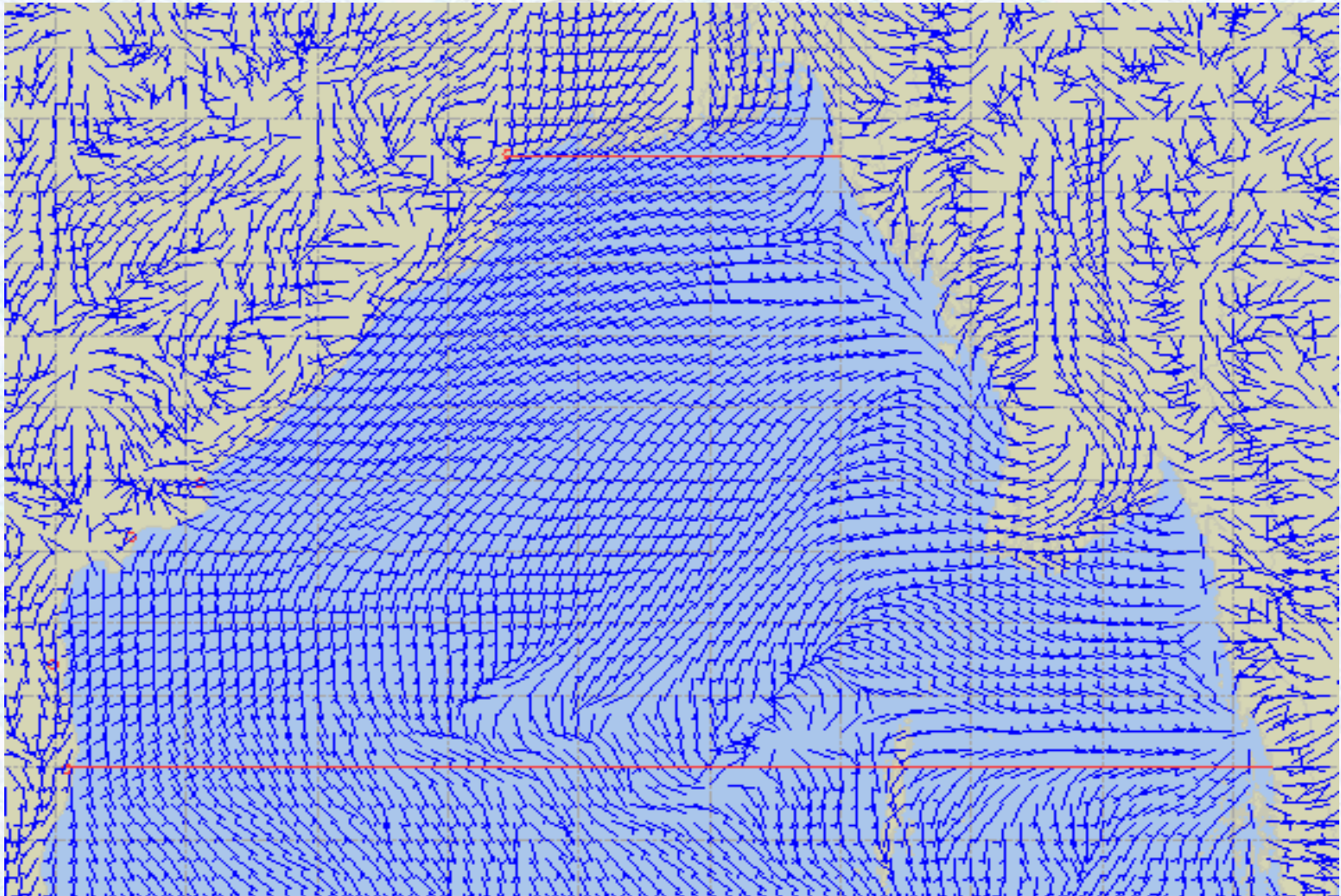
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 22 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



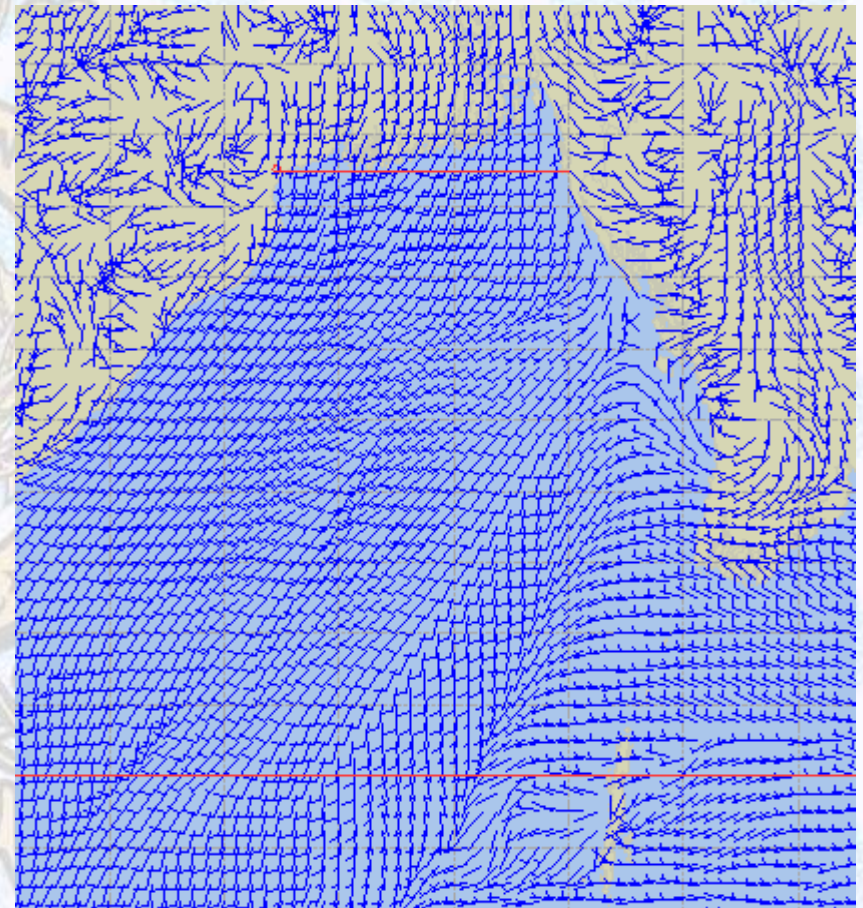
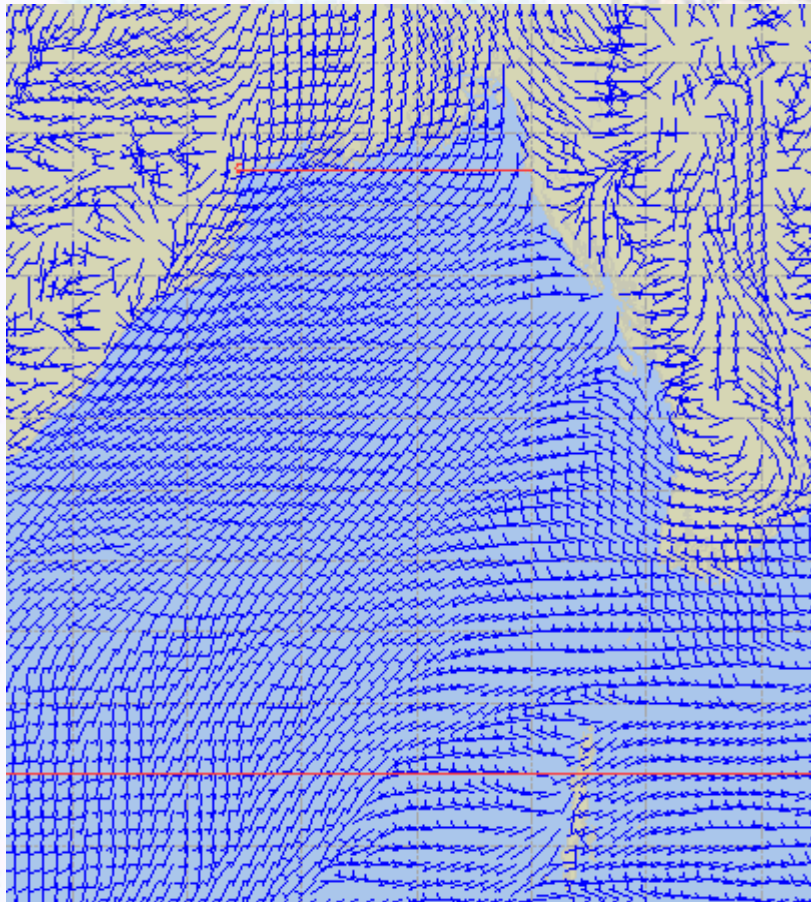
60 Knots



Surface Wind Forecast – 23 & 24 Apr - 2021

23 Apr 21 Friday

24 Apr 21 Saturday



Legend:



Calm
Winds



5 Knots



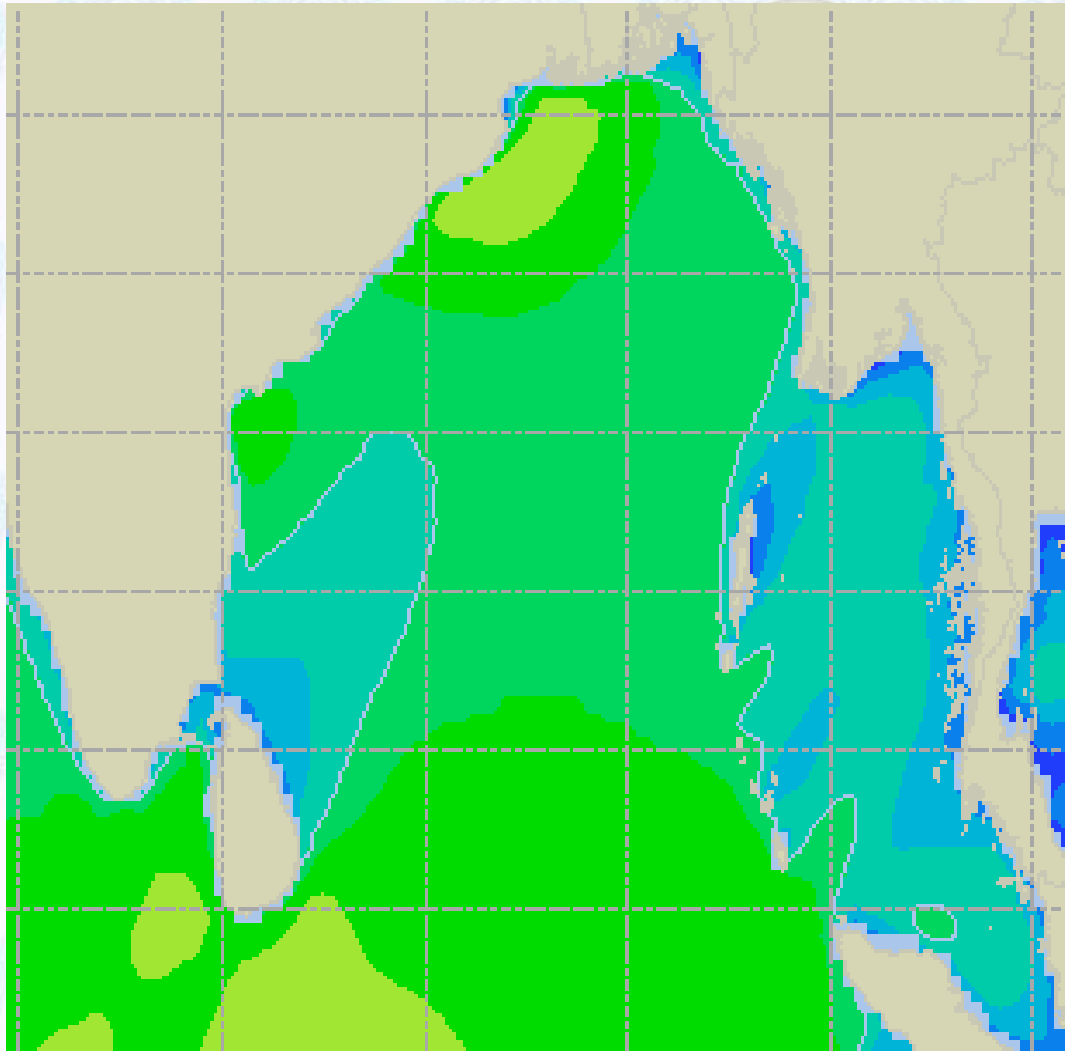
10 Knots



60 Knots



Sea State Forecast – 22 Apr - 2021



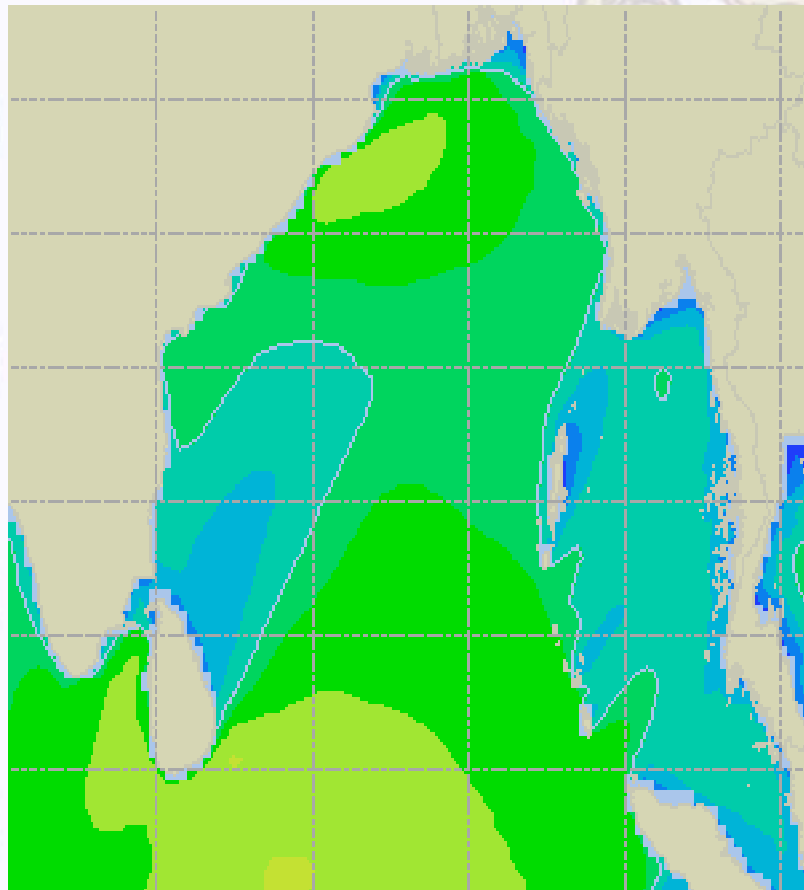
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



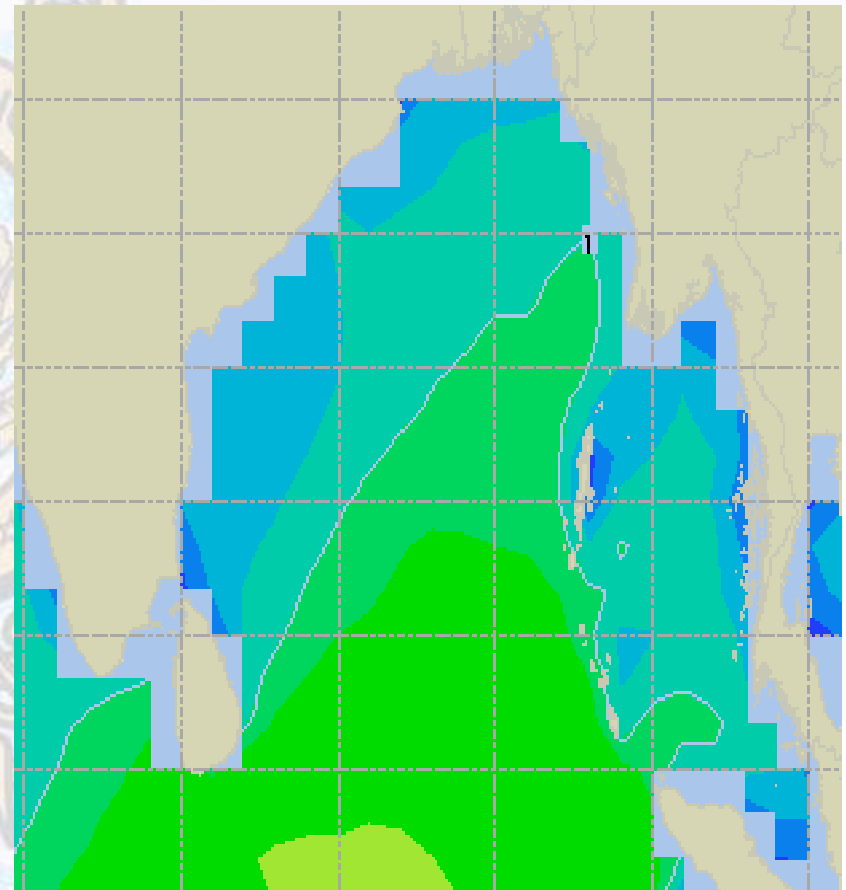


Sea State Forecast – 23 & 24 Apr - 2021

23 Apr 21 Friday



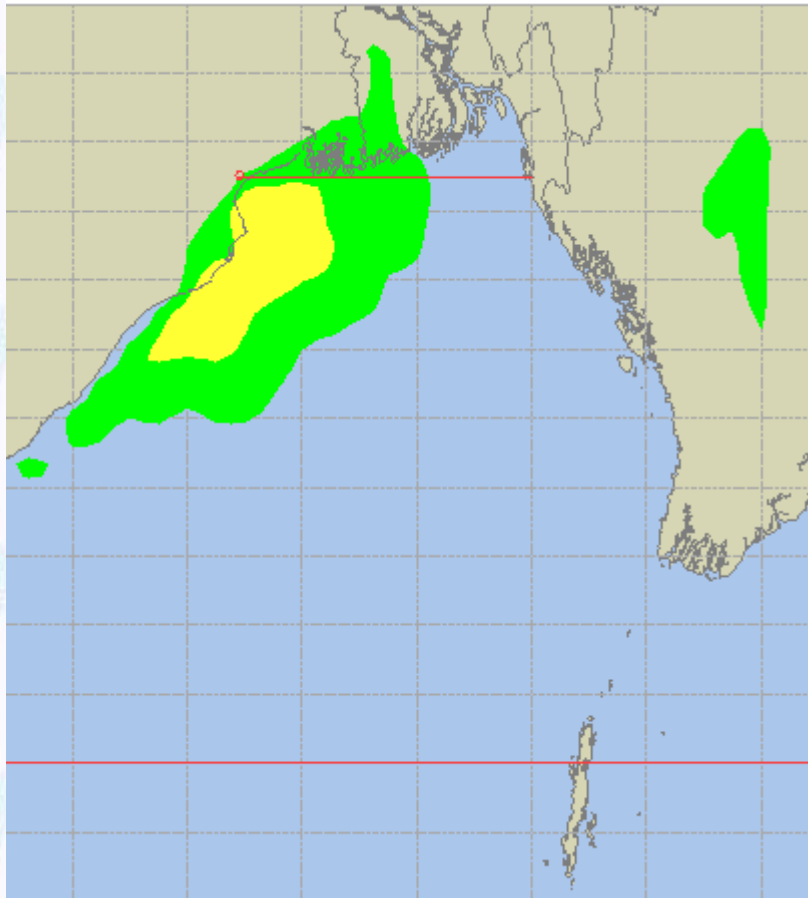
24 Apr 21 Saturday



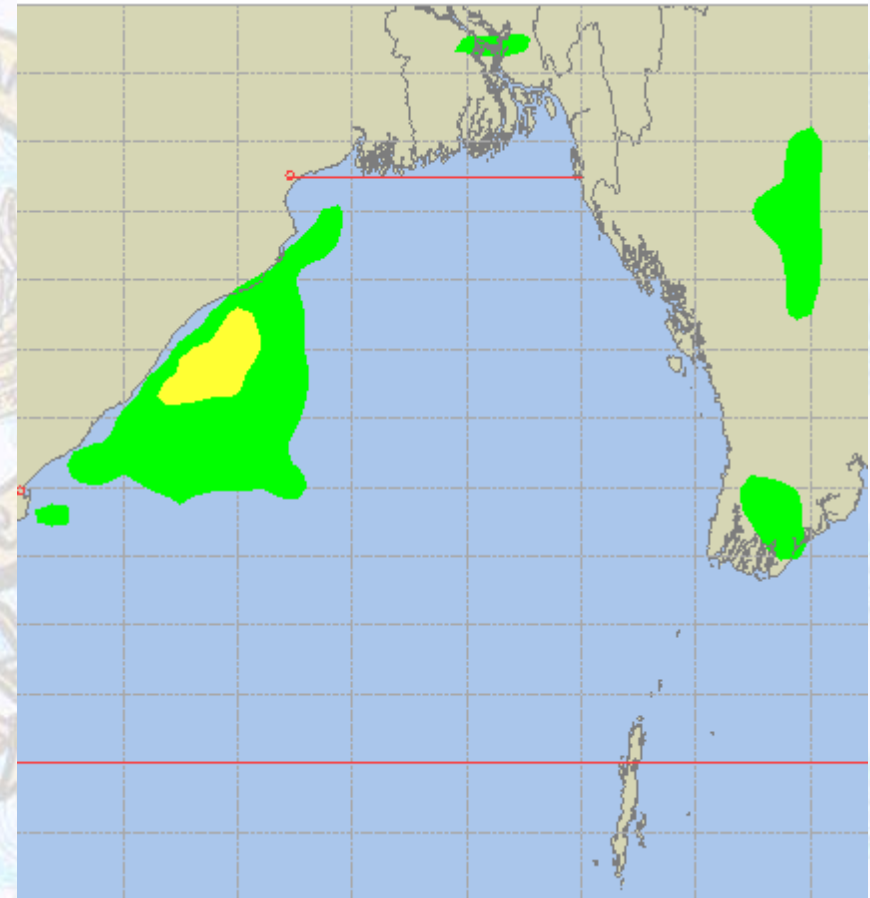


Peak Gusting Possibilities– 22 & 23 Apr 2021

22 Apr 21 Thursday



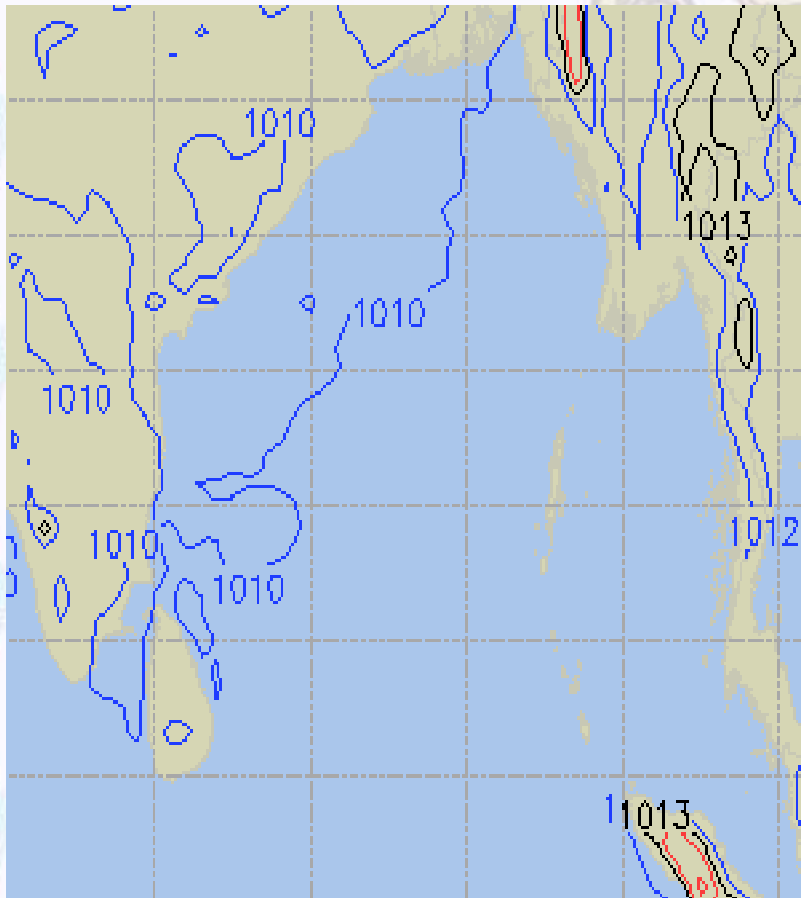
23 Apr 21 Friday



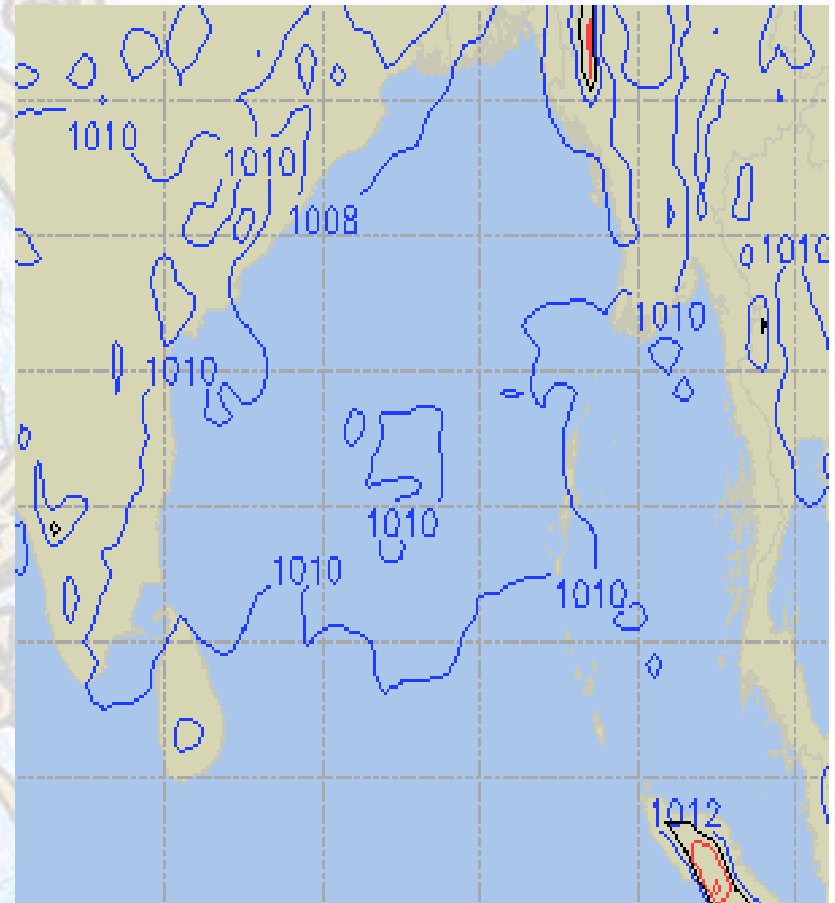


Surface Pressure forecast – 22 & 23 Apr 2021

22 Apr 21 Thursday



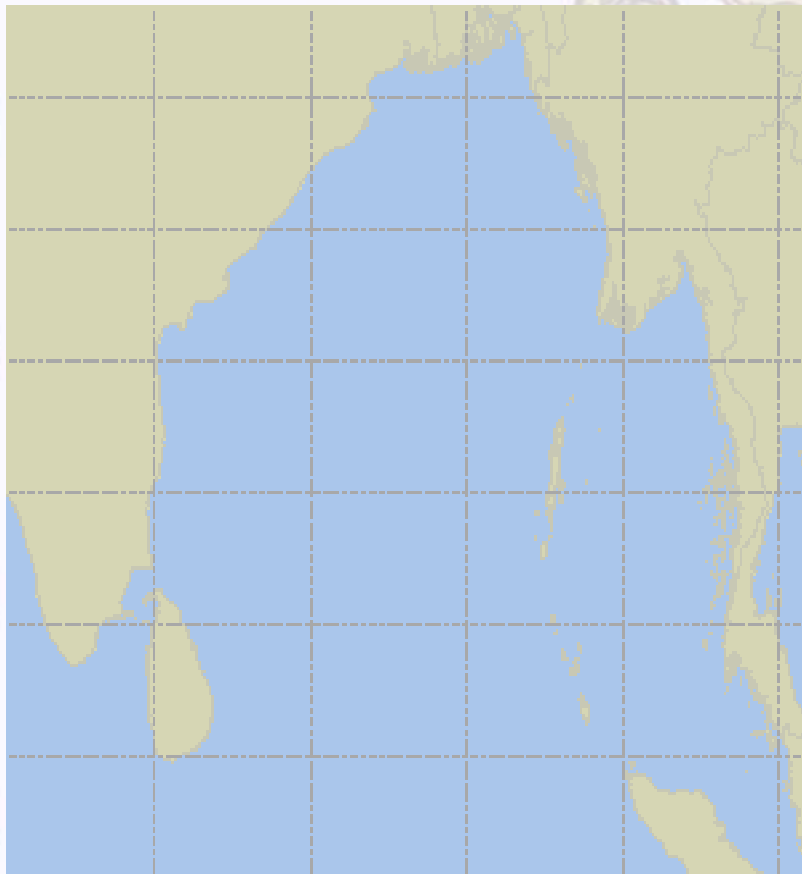
23 Apr 21 Friday



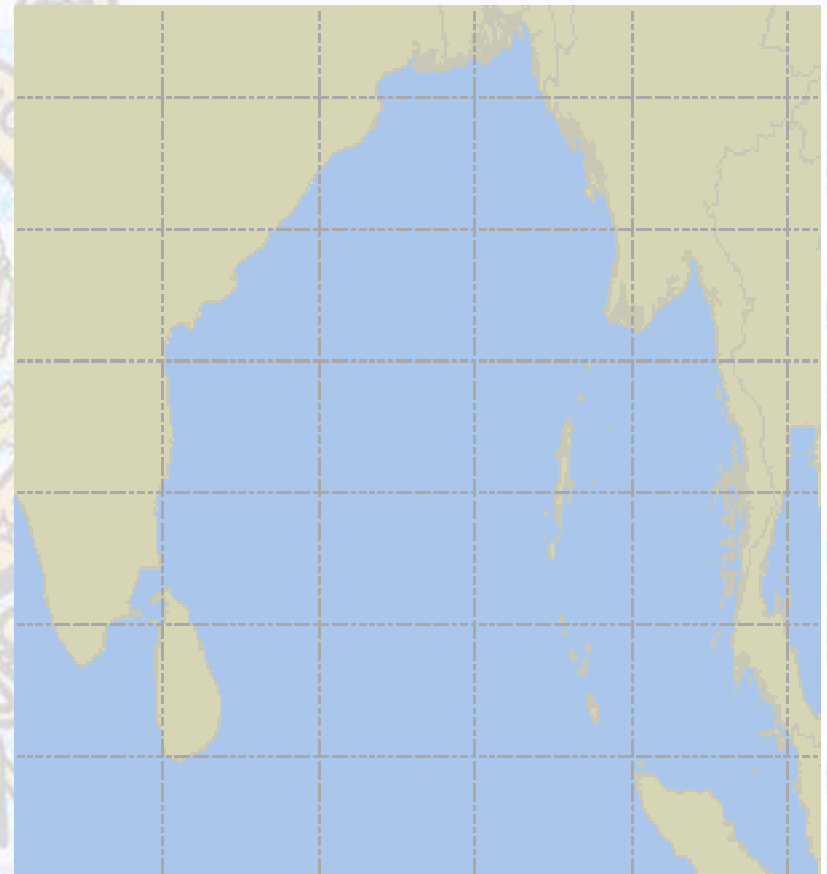


Visibility at Sea Forecast – 22 & 23 Apr 2021

22 Apr 21 Thursday



23 Apr 21 Friday



Visibility Scale:

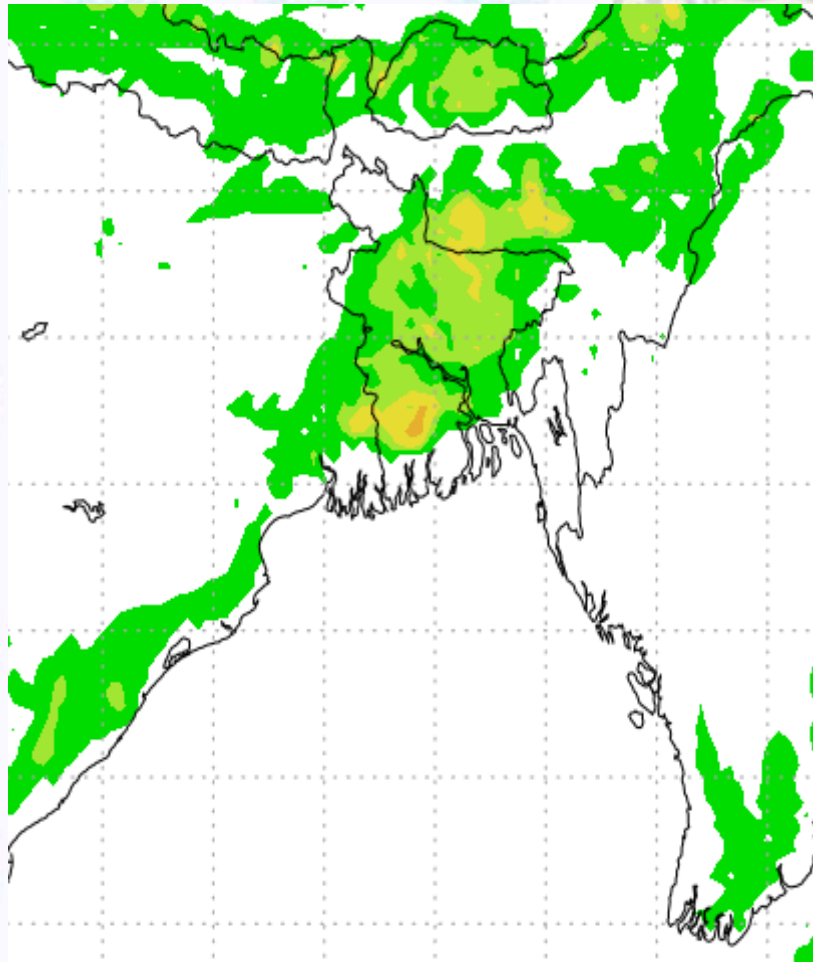


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

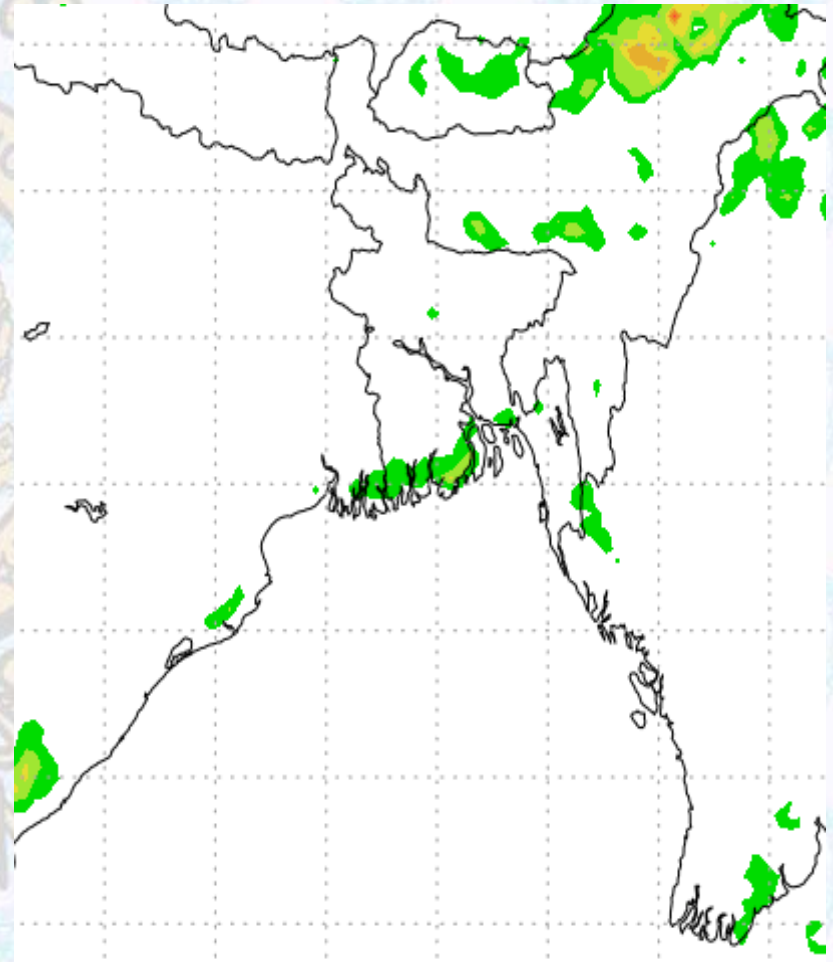


Precipitation

Rain(mm) 22 & 23 Apr 21



Rain(mm) 23 & 24 Apr 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	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
	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