



WEATHER FORECAST FOR BN

14-17 APR 2020





WEATHER FORECAST – DHAKA

14.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36 / 22	35 / 21	29 / 22	27 / 21
Wind	10 km/h SSW	11 km/h SSW	11 km/h S	5 km/h SSW
Humidity	52%	56%	75%	68%
Chance of Precip	14%	14%	12%	5%
Cloud Cover	32%	32%	13%	7%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 40 AM 6: 20 PM			

Conditions

Pressure : 1013 hpa

Visibility : 12.87 km

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



WEATHER FORECAST – CHATTOGRAM

14.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 25	32 / 25	29 / 25	28 / 26
Wind	12 km/h W	14 km/h WSW	14 km/h WSW	5 km/h WNW
Humidity	66%	66%	79%	90%
Chance of Precip.	1%	1%	4%	5%
Cloud Cover	7%	8%	15%	9%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 35 AM 6: 13 PM			

Conditions

Pressure : 1015 hpa

Visibility : 4.02 Km

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



WEATHER FORECAST – KHULNA

14.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 13	34 / 24	29 / 24	27 / 24
Wind	10 km/h SSW	11 km/h SSW	11 km/h S	5 km/h SSW
Humidity	52%	45%	75%	87%
Chance of Precip.	14%	14%	12%	5%
Cloud Cover	32%	32%	13%	7%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 45 AM 6: 22 PM			

Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	15 Apr 2020	16 Apr 2020	17 Apr 2020
Temperature (C)	35 °C/ 24 °C	35 °C/ 23 °C	36 °C/ 24 °C
Summary	Mostly Sunny	Mostly Sunny	Mostly Sunny
Sun Rise/Set	5h37m06s/18h20m12s	5h36m06s/18h20m36s	5h35m06s/18h20m54s
Day Length	12h43m06s	12h44m30s	12h45m48s
Moon Rise/ Set	12:51 AM 11:47 PM	01:39 AM 12:42 PM	2:21 AM 1:36 PM
Moon Phase/ illu	Last Quarter, 44%	Waning Crescent, 34%	Waning Crescent, 25%
NauticalTwilight	0447,1910	0448,1909	0445,1911
Civil Twilight	0516,1842	0515,1843	0512,1844
Humidity	D : 57% N : 74%	D : 51% N : 84%	D : 21% N : 82%
Barometer (mb)	1007	1009	1010
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	09 Km/h S	10 Km/h S	09 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	15 Apr 2020	16 Apr 2020	17 Apr 2020
Temperature (C)	36°C/ 25°C	35°C/ 25°C	34°C/ 25°C
Summary	Partly coludy /Sunny	Partly coludy /Sunny	Partly coludy /Sunny
Sun Rise/Set	5h32m42s/18h13m06s	5h31m42s/18h13m24s	5h30m42s/18h13m42s
Day Length	12h40m24s	12h42m42s	12h43m00s
Moon Rise/ Set	12:51 AM 11:47 PM	01:39 AM 12:42 PM	2:13 AM 1:32 PM
Moon Phase/ illu	Last Quarter, 44%	Waning Crescent, 34%	Waning Crescent, 25%
NauticalTwilight	0443, 1902	0444, 1903	0441, 1903
Civil Twilight	0510, 1834	0511, 1835	0508, 1836
Humidity	D : 35% N : 71%	D : 21% N : 81%	D : 12% N : 83%
Barometer (mb)	1009	1011	1011
Visibility	Good	Good	Good
Precip Chance	0%	0%	0%
Wind (mph)	08 Km/h SSW	09 Km/h SSW	09 Km/h SSW

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



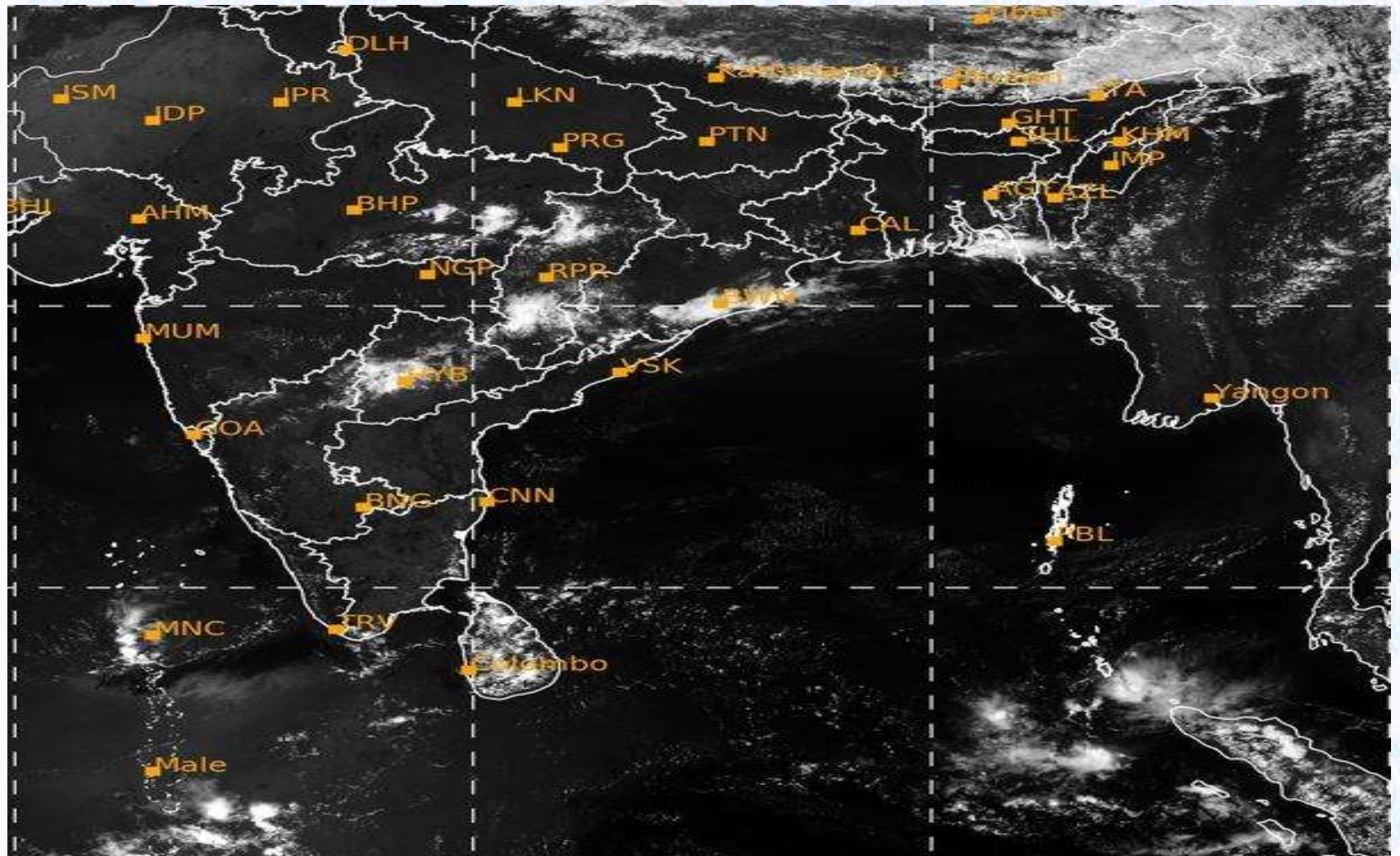
GENERAL WEATHER FORECAST – KHULNA

Description	15 Apr 2020	16 Apr 2020	17 Apr 2020
Temperature(C)	35°C/ 24°C	36°C/ 25°C	34°C/ 24°C
Summary	Partly cloudy / Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
Sun Rise/Set	5h41m24s/18h22m24s	5h40m24s/18h22m24s	5h39m24s/18h23m24s
Day Length	12h41m00s	12h42m00s	12h44m00s
Moon Rise/Set	12:51 AM 11:47 PM	01:39 AM 12:42 PM	2:24 AM 1:42 PM
Moon Phase/illu	Last Quarter, 44%	Waning Crescent, 34%	Waning Crescent, 25%
Nautical Twilight	0452, 1912	0453, 1912	0449, 1913
Civil Twilight	0520, 1845	0520, 1846	0516, 1846
Humidity	D : 31% N : 81%	D : 21% N : 73%	D : 14% N : 86%
Barometer (mb)	1008	1010	1011
Visibility	Good	Good	Good
Precip Chance	0%	0%	0%
Wind (mph)	12 km/h NW	11 km/h NW	10 km/h NW

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



SATELLITE VIEW OF BAY OF BENGAL

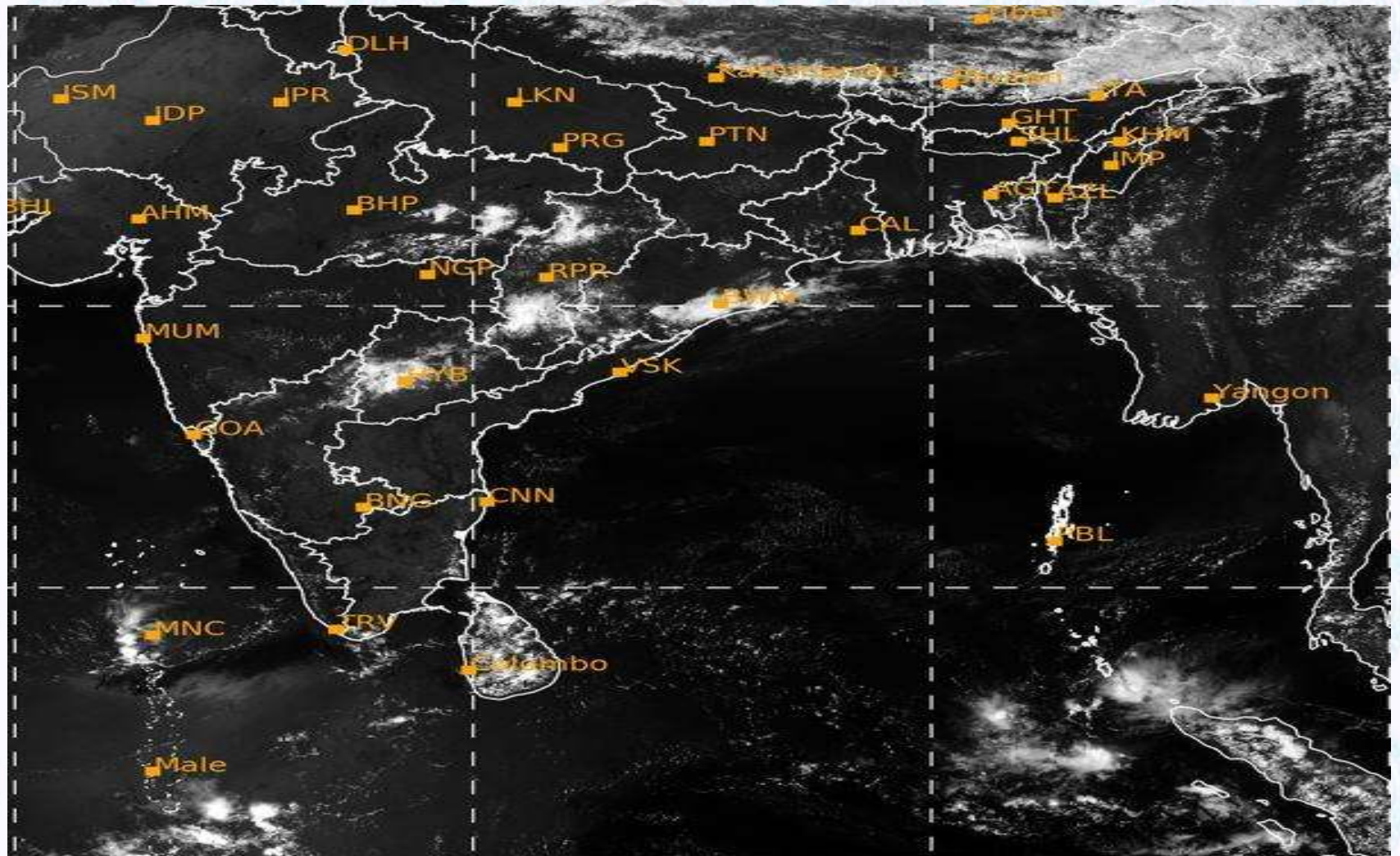


14/04/2020, 14:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



14/04/2020, 14:00 MATSAT-VIS

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 14.04.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-WESTE/ 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 =14,0000 UTC. CHATTOGRAM =1015 HPA



Inland River Port Warning (VALID TILL 06 PM OF 14.04.2020)

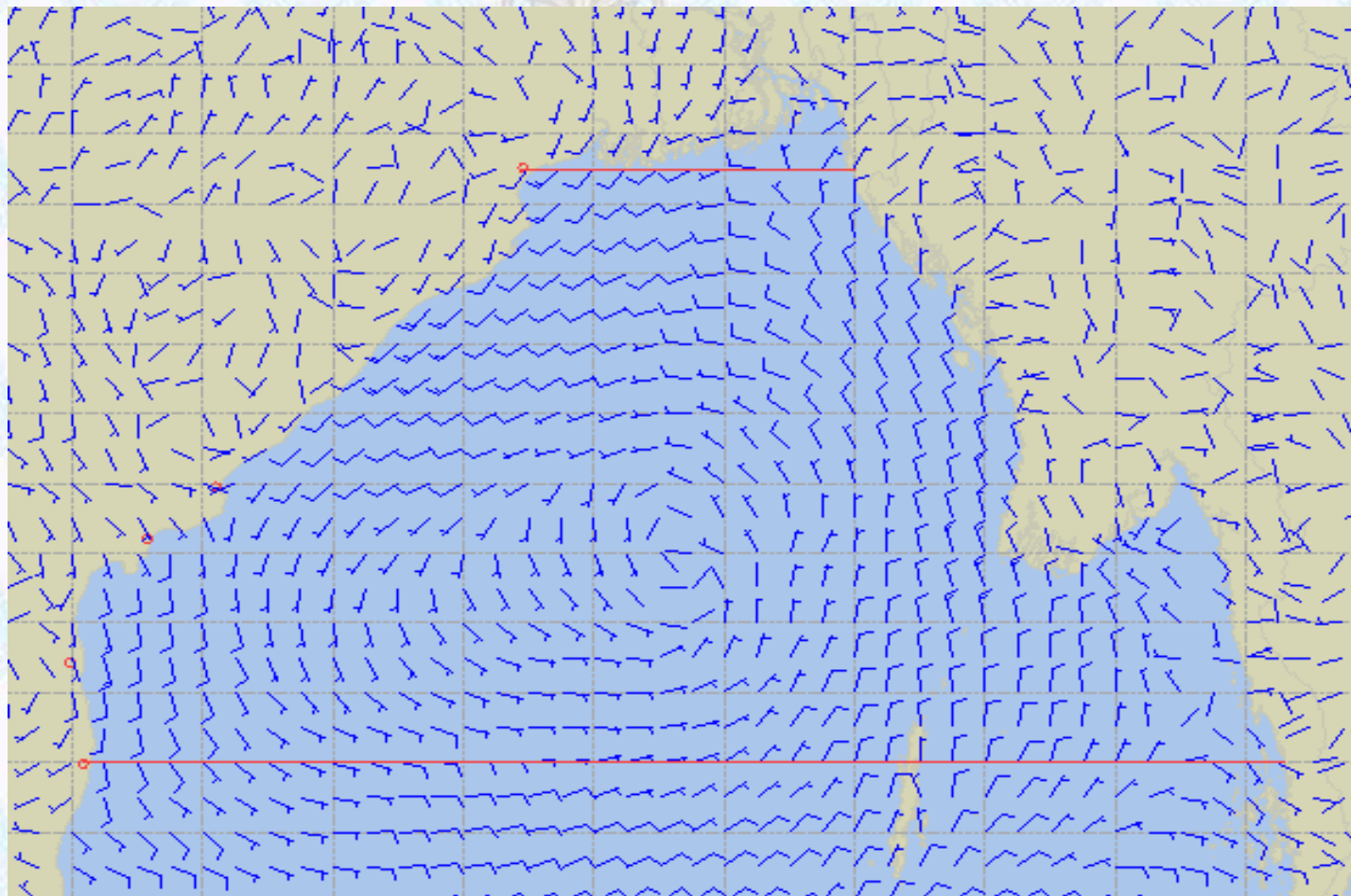
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 15 Apr - 2020



Legend:



Calm
Winds



5 Knots



10 Knots



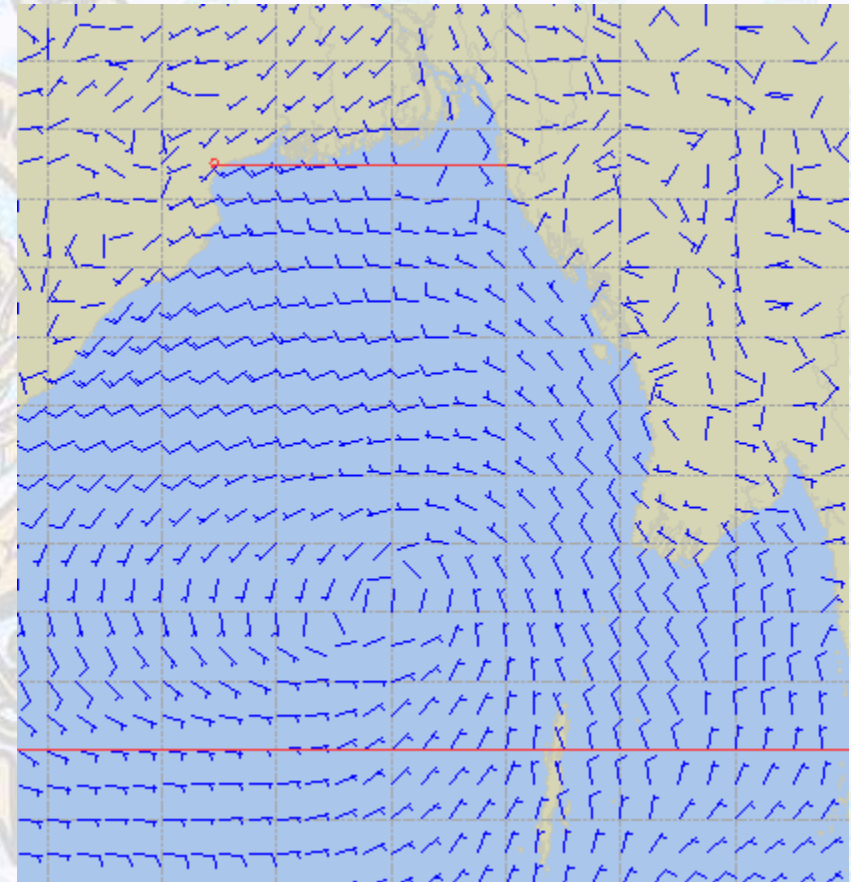
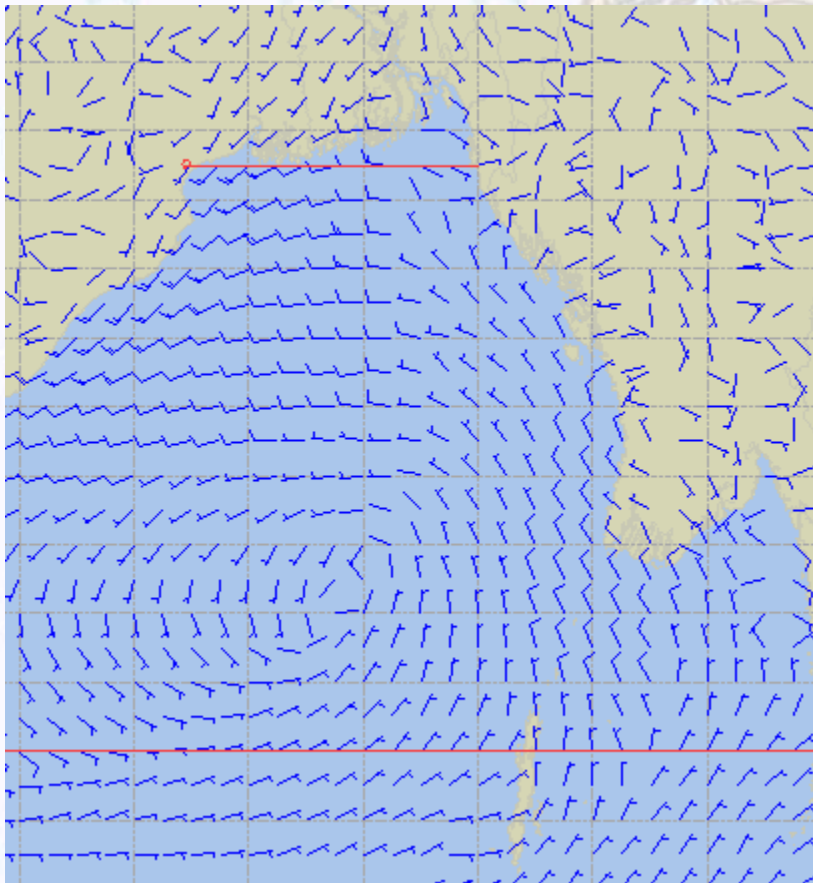
60 Knots



Surface Wind Forecast –16 Apr & 17 Apr- 2020

16 Apr 2020 Thursday

17 Apr 2020 Friday



Legend:



Calm
Winds



5 Knots



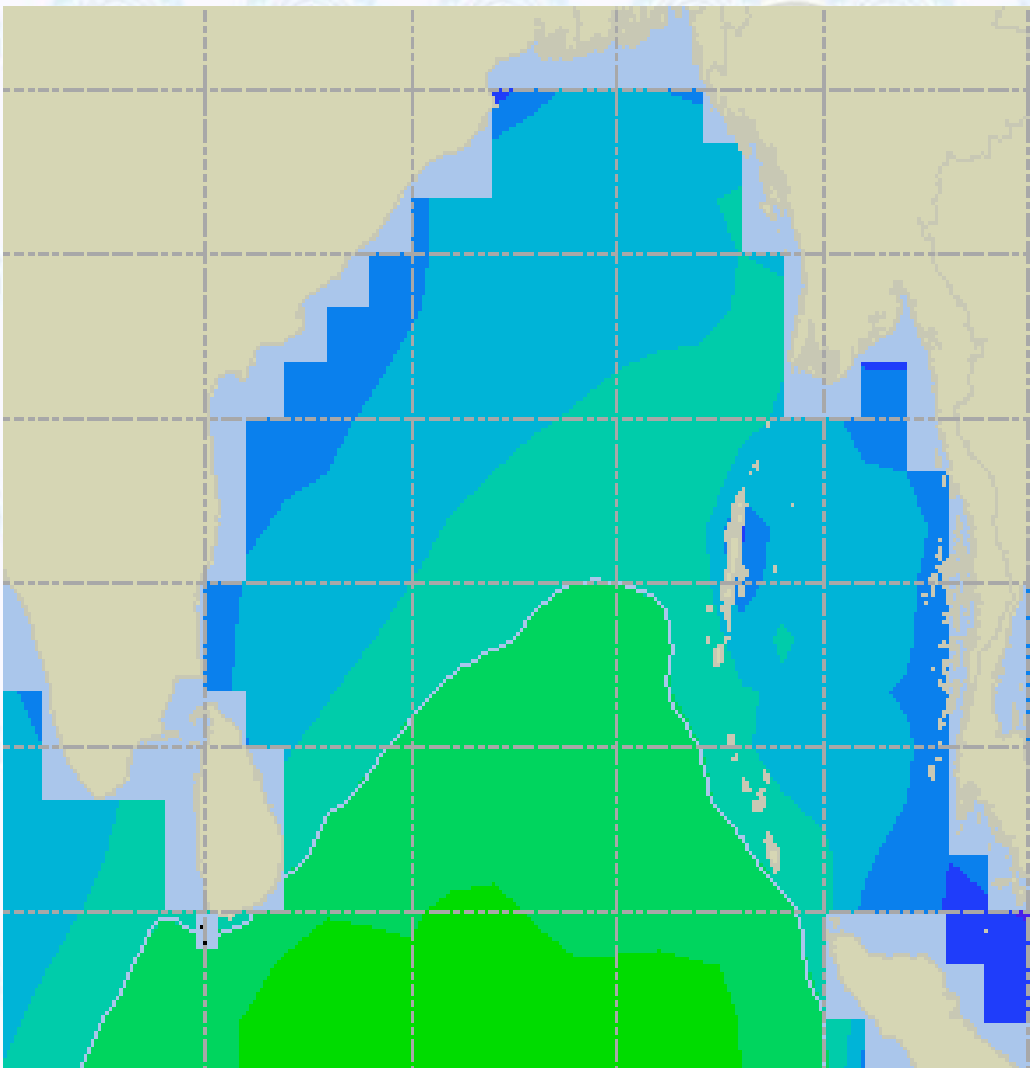
10 Knots



60 Knots



Sea State Forecast - 15 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

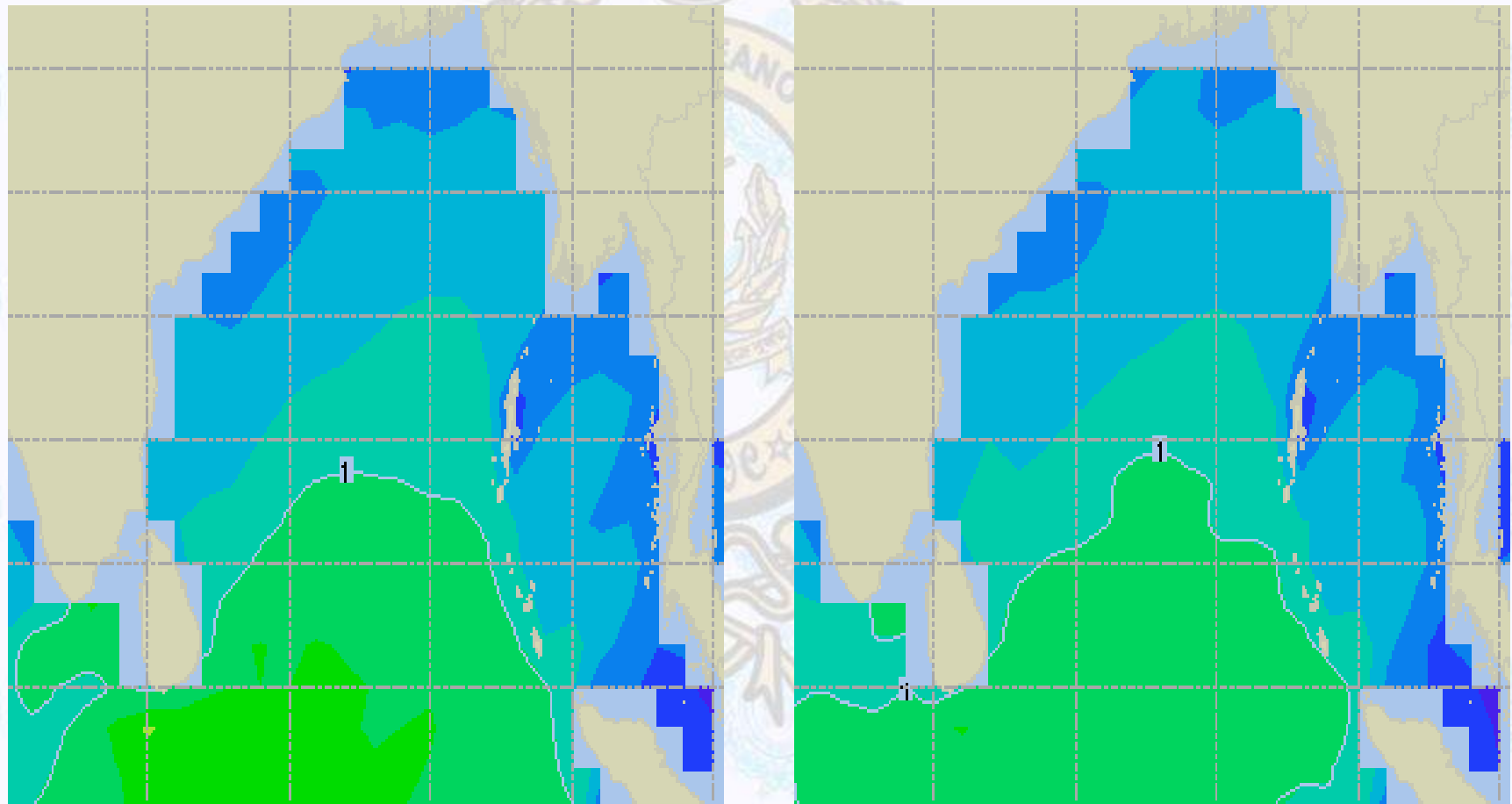




Sea State Forecast - 16 Apr & 17 Apr- 2020

16 Apr 2020 Thursday

17 Apr 2020 Friday

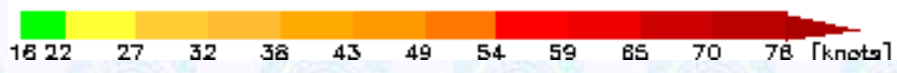
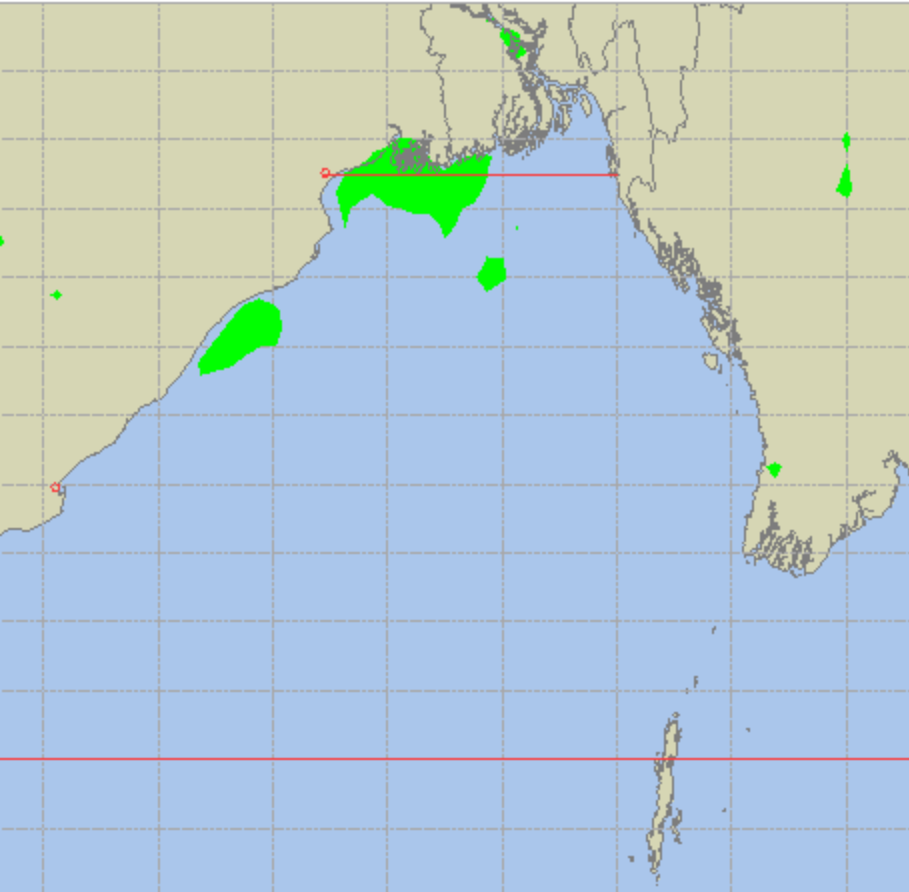
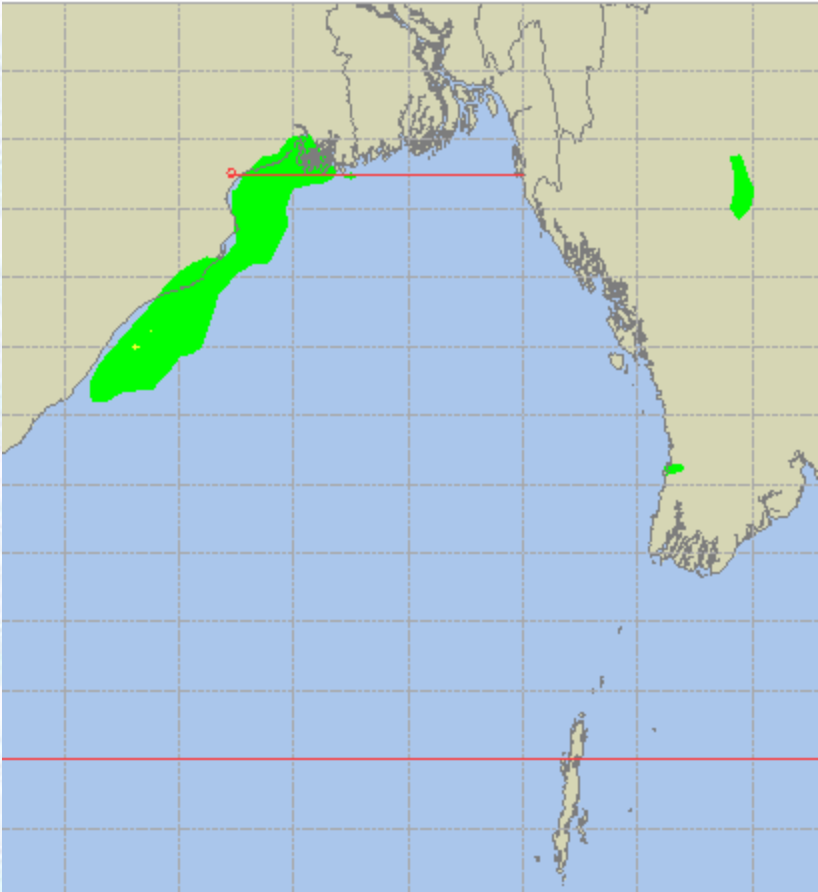




Peak Gusting Possibilities – 15 & 16 Apr 2020

15 Apr 2020 Wednesday

16 Apr 2020 Thursday

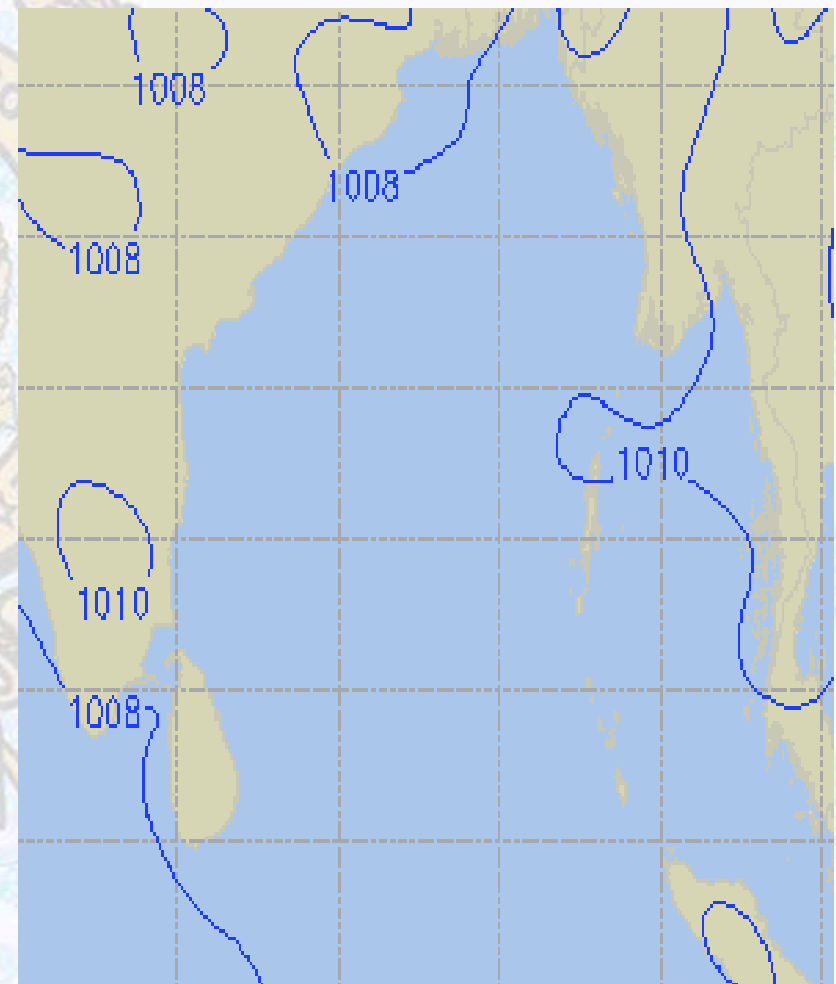
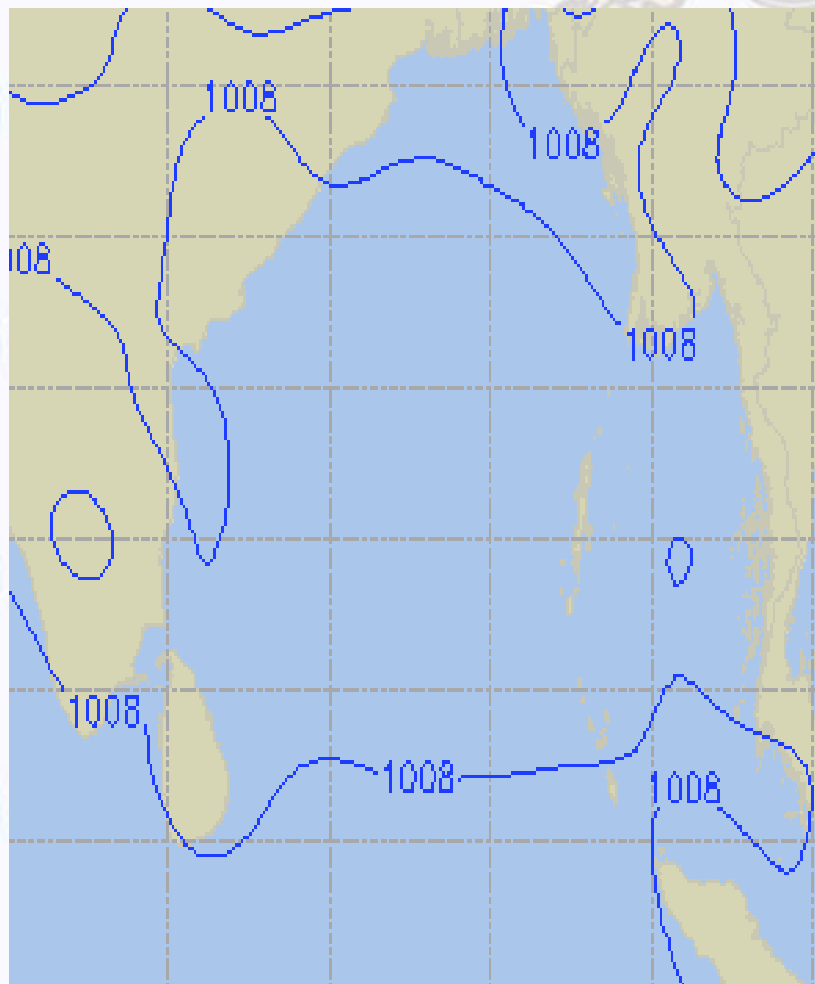




Surface Pressure forecast – 15 & 16 Apr 2020

15 Apr 2020 Wednesday

16 Apr 2020 Thursday

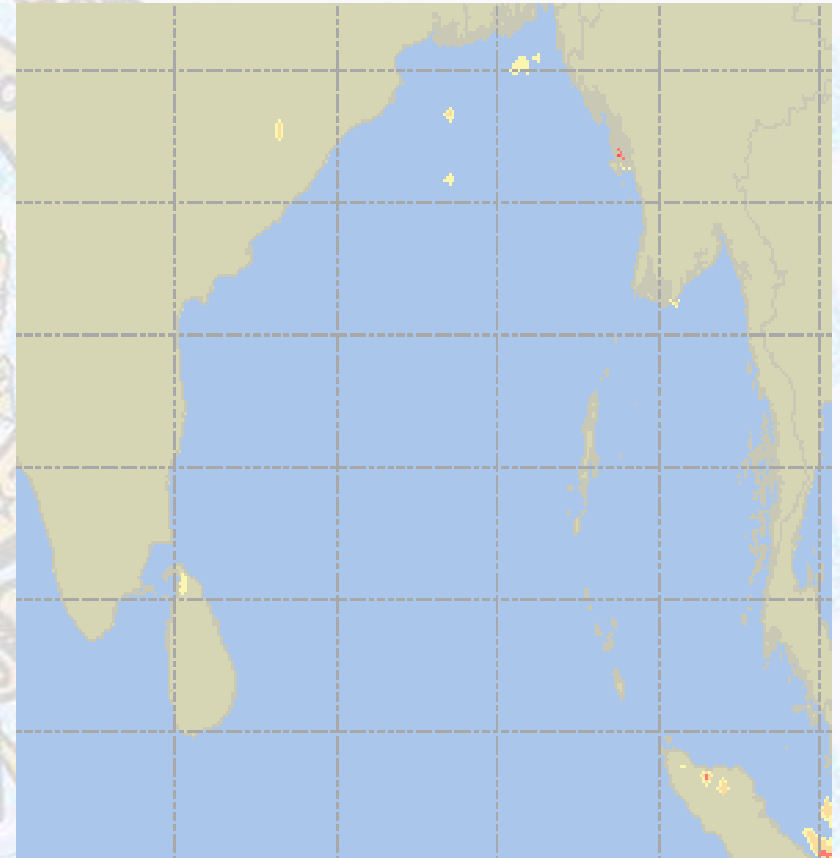
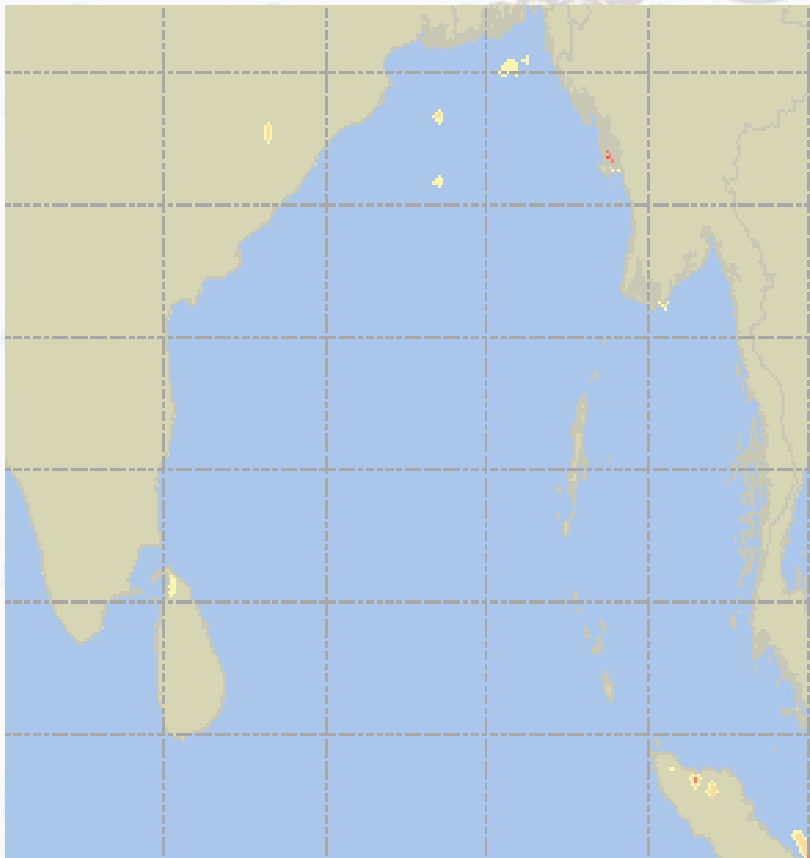




Visibility at Sea Forecast – 15 & 16 Apr - 2020

15 Apr 2020 Wednesday

16 Apr 2020 Thursday



Visibility Scale:



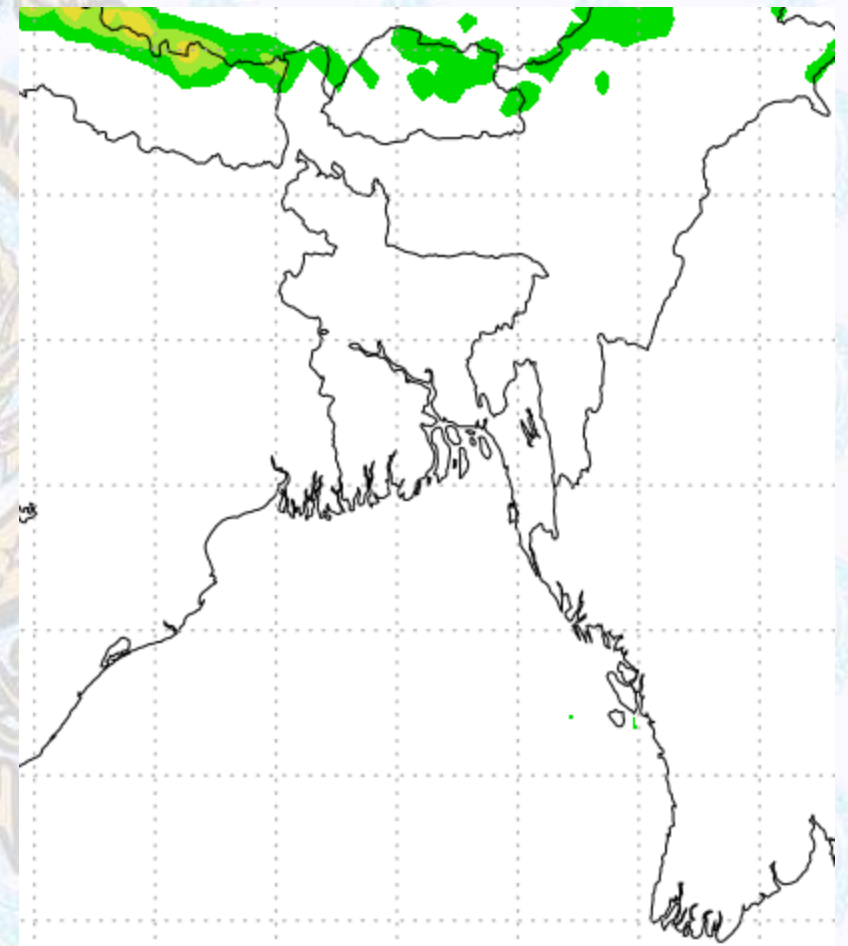
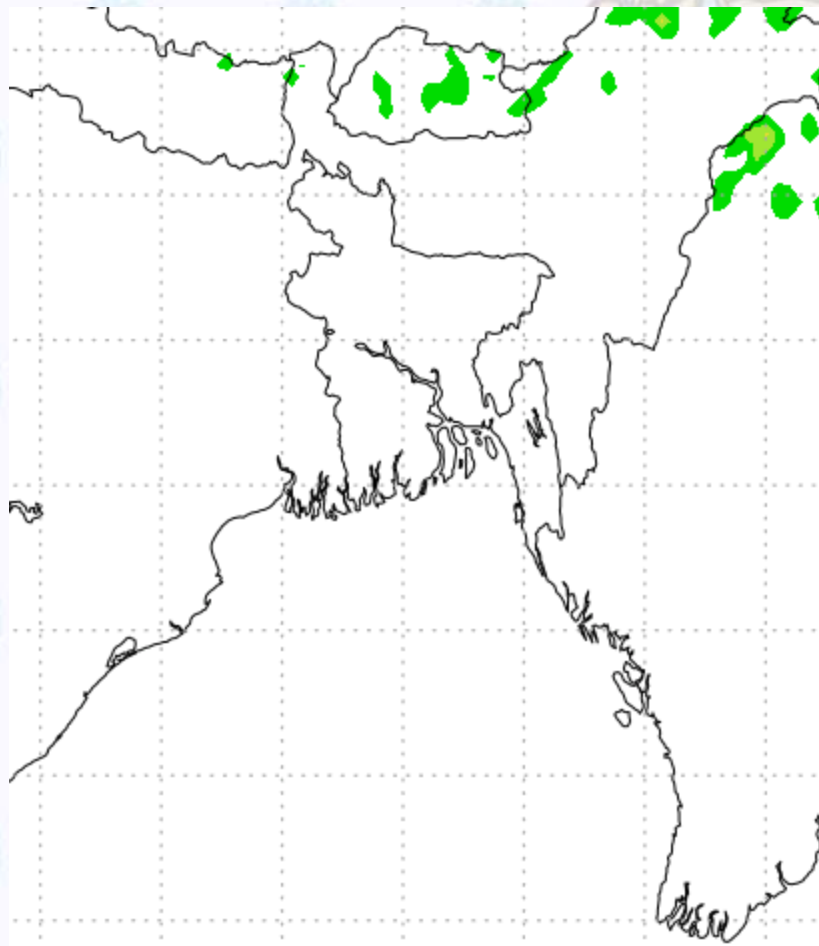
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 15 & 16 Apr 2020

Rain(mm) 16 & 17 Apr 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0048		1.19			0335	2.31
15 Apr 2020	0651	3.35		0959	0.99		0951	1.25
	1259	1.47		1508	2.49		1632	2.34
	1926	3.68		2141	1.10		2337	1.28
	Time	Height		Time	Height		Time	Height
		0220		1.24			0456	2.14
16 Apr 2020	0835	3.32		1129	1.15		1144	1.34
	1441	1.53		1742	2.37		1822	2.33
	2056	3.67		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0338		1.12			0045	1.12
17 Apr 2020	0956	3.52		0649	2.18		0722	2.15
	1602	1.38		1308	1.15		1315	1.26
	2206	3.80		1913	2.44		1936	2.43