



WEATHER FORECAST FOR BN

13 OCT- 16 OCT 2020



WEATHER FORECAST – DHAKA

13.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 25	33 / 24	30 / 25	30 / 25
Wind	3 km/h N	4 km/h W	3 km/h S	2 km/h SW
Humidity	62%	62%	72%	77%
Chance of Precip	24%	17%	24%	4%
Cloud Cover	35%	38%	32%	40%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	05: 55 AM 17: 33 PM			

Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

13.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	31 / 27	29 / 28	28 / 27
Wind	7 km/h WNW	7 km/h W	4 km/h SSW	4 km/h SE
Humidity	73%	77%	89%	90%
Chance of Precip.	7%	6%	24%	16%
Cloud Cover	24%	33%	37%	45%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise	05: 48 AM			
Sunset	17: 28 PM			

Conditions

Pressure : 1007 hpa

Visibility : 09.66 Km

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



WEATHER FORECAST – KHULNA

13.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 27	33 / 27	29 / 27	28 / 27
Wind	7 km/h ESE	7 km/h SE	5 km/h SSE	3 km/h SSE
Humidity	34%	71%	85%	89%
Chance of Precip.	16%	10%	11%	16%
Cloud Cover	34%	38%	20%	16%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	05: 57 AM 17: 37 PM			

Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	14 Oct 2020	15 Oct 2020	16 Oct 2020
Temperature (C)	33 °C/ 27 °C	34 °C/ 27 °C	34 °C/ 27 °C
Summary	Partly Cloudy	Sunny	Sunny
Sun Rise/Set	5h55m48s/17h32m42s	5h56m06s/17h31m48s	5h56m36s/17h31m00s
Day Length	11h36m54s	11h35m42s	11h34m24s
Moon Rise/ Set	2:57AM 4:04PM	4:02AM 4:45PM	5:06AM 5:27PM
Moon Phase/ illu	Waning Crescent, 6%	Waning Crescent, 1%	New Moon, 0%
Nautical Twilight	05:05, 18:23	05:06, 18:22	05:06, 18:22
Civil Twilight	05:32, 17:56	05:33, 17:55	05:33, 17:55
Humidity	D : 71% N : 83%	D : 70% N : 81%	D : 68% N : 80%
Barometer (mb)	1006	1005	1005
Visibility	Good	Good	Good
Precip Chance	20%	10%	10%
Wind (mph)	4 Km/h NE	3 Km/h NNW	6 Km/h NNW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	14 Oct 2020	15 Oct 2020	16 Oct 2020
Temperature (C)	33 °C/ 26 °C	33 °C/ 26 °C	33 °C/ 26 °C
Summary	Sunny	Sunny	Partly Cloudy
Sun Rise/Set	5h49m06s/17h28m00s	5h49m18s/17h27m06s	5h49m42s/17h26m24s
Day Length	11h38m54s	11h37m48s	11h36m42s
Moon Rise/ Set	2:53AM 3:57PM	3:57AM 4:39PM	5:01AM 5:12PM
Moon Phase/ illu	Waning Crescent, 6%	Waning Crescent, 1%	New Moon, 0%
NauticalTwilight	04:59, 18:17	05: 01 18:16	05: 01 18:16
Civil Twilight	05:25, 17:51	05:26, 17:50	05:26, 17:50
Humidity	D : 78% N : 90%	D : 79% N : 90%	D : 78% N : 89%
Barometer (mb)	1006	1005	1003
Visibility	Good	Good	Good
Precip Chance	20%	10%	20%
Wind (mph)	8 Km/h WNW	9 Km/h NW	8 Km/h NW

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



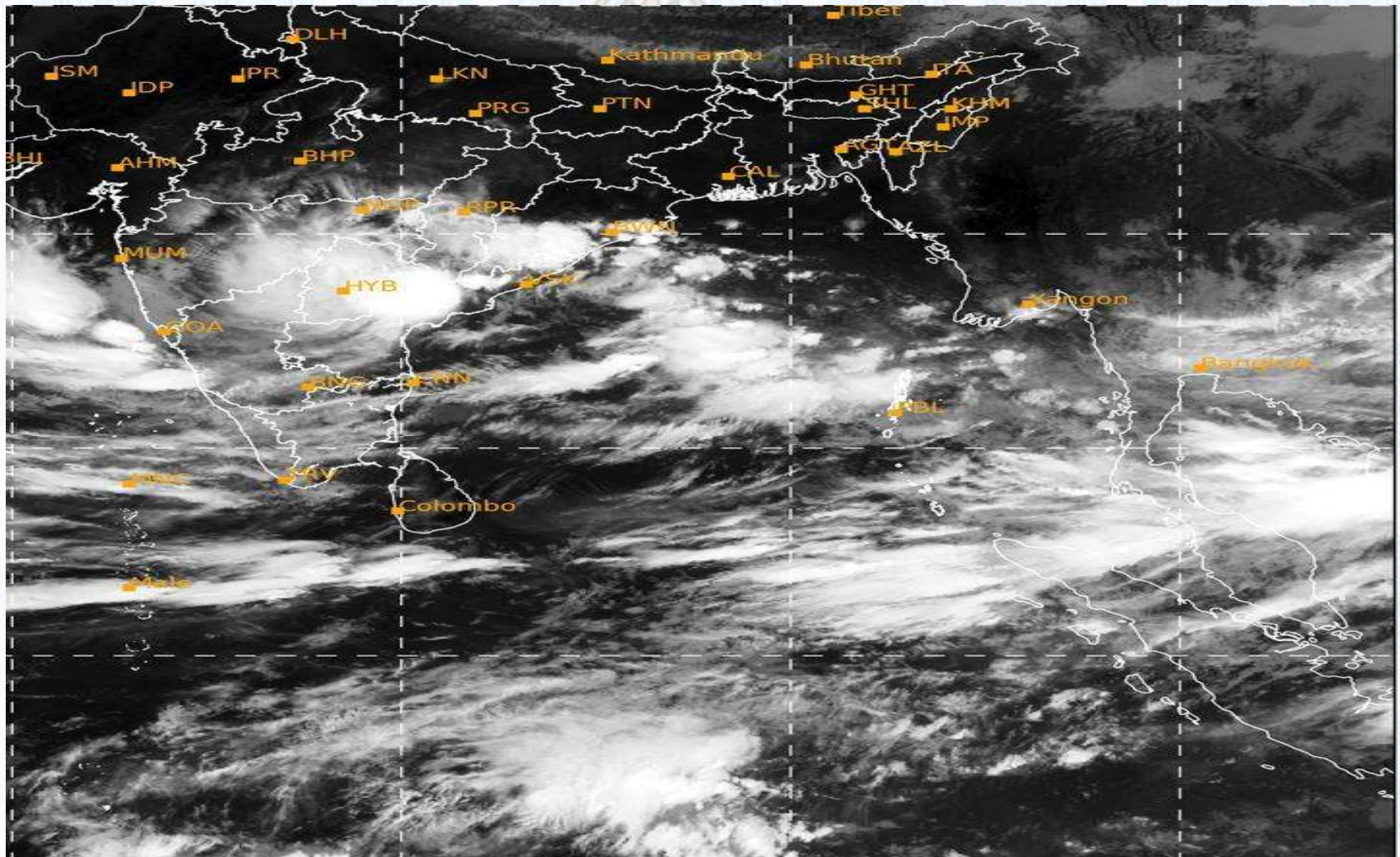
GENERAL WEATHER FORECAST – KHULNA

Description	14 Oct 2020	15 Oct 2020	16 Oct 2020
Temperature(C)	33°C/ 27°C	33°C/ 26°C	34°C/ 26°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy	Sunny
Sun Rise/Set	5h8m30s/17h36m48s	5h58m48s/17h35m54s	5h59m18s/17h35m06s
Day Length	11h38m18s	11h37m06s	11h35m48s
Moon Rise/Set	3:02AM 4:06PM	4:06AM 4:48PM	5:06AM 5:27PM
Moon Phase/illu	Waning Crescent, 6%	Waning Crescent, 1%	New Moon, 0%
Nautical Twilight	05:08, 18:26	05:09, 18:25	05:09, 18:25
Civil Twilight	05:35, 18:00	05:36, 17:59	05:36, 17:59
Humidity	D : 79% N : 84%	D : 79% N : 81%	D : 77% N : 81%
Barometer (mb)	1006	1006	1005
Visibility	Good	Good	Good
Precip Chance	50%	40%	20%
Wind (mph)	13 km/h ESE	9 km/h ESE	6 km/h ENE

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



SATELLITE VIEW OF BAY OF BENGAL

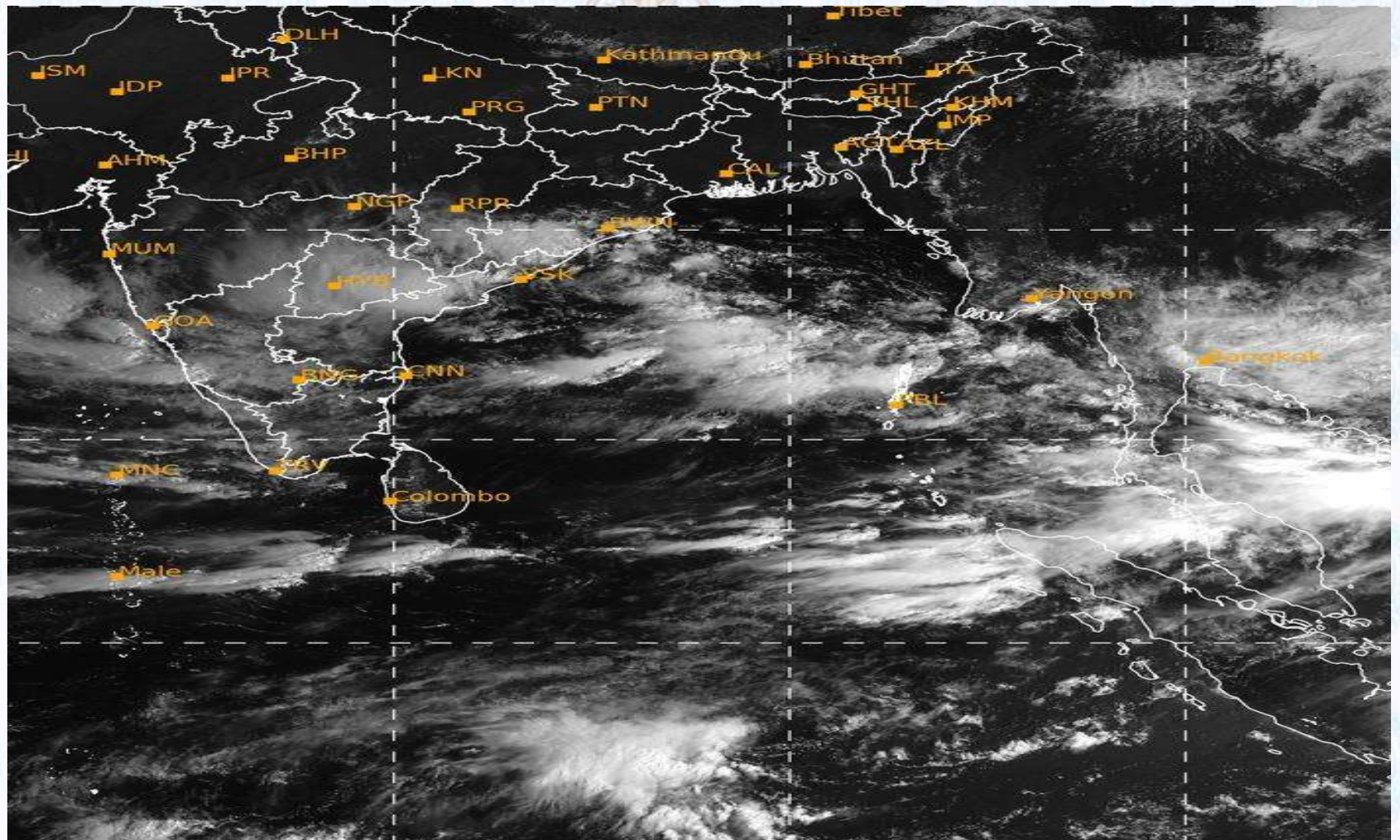


13/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



13/10/2020, 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 13.10.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	THE DEEP DEPRESSION OVER WEST CENTRAL BAY AND ADJOINING AREA MOVED WEST-NORTHWESTWARDS FURTHER OVER THE SAME AREA. IT WAS CENTRED AT 13/0000 UTC WITHIN HALF A DEGREE OF LAT 16.9 DEG NORTH & LONG 82.5 DEG EAST (R) LAT 16.9 DEG NORTH & LONG 82.5 DEG EAST. IT IS LIKELY TO MOVE IN A WEST-NORTHWESTERLY DIRECTION FURTHER. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY, (10-15) KTS, TEMPORARY GUSTING TO 25
	Visibility	(03-05) KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 13,0000 UTC. CHATTOGRAM =1006 HPA



Inland River Port Warning (VALID TILL 06 PM OF 13.10.2020)

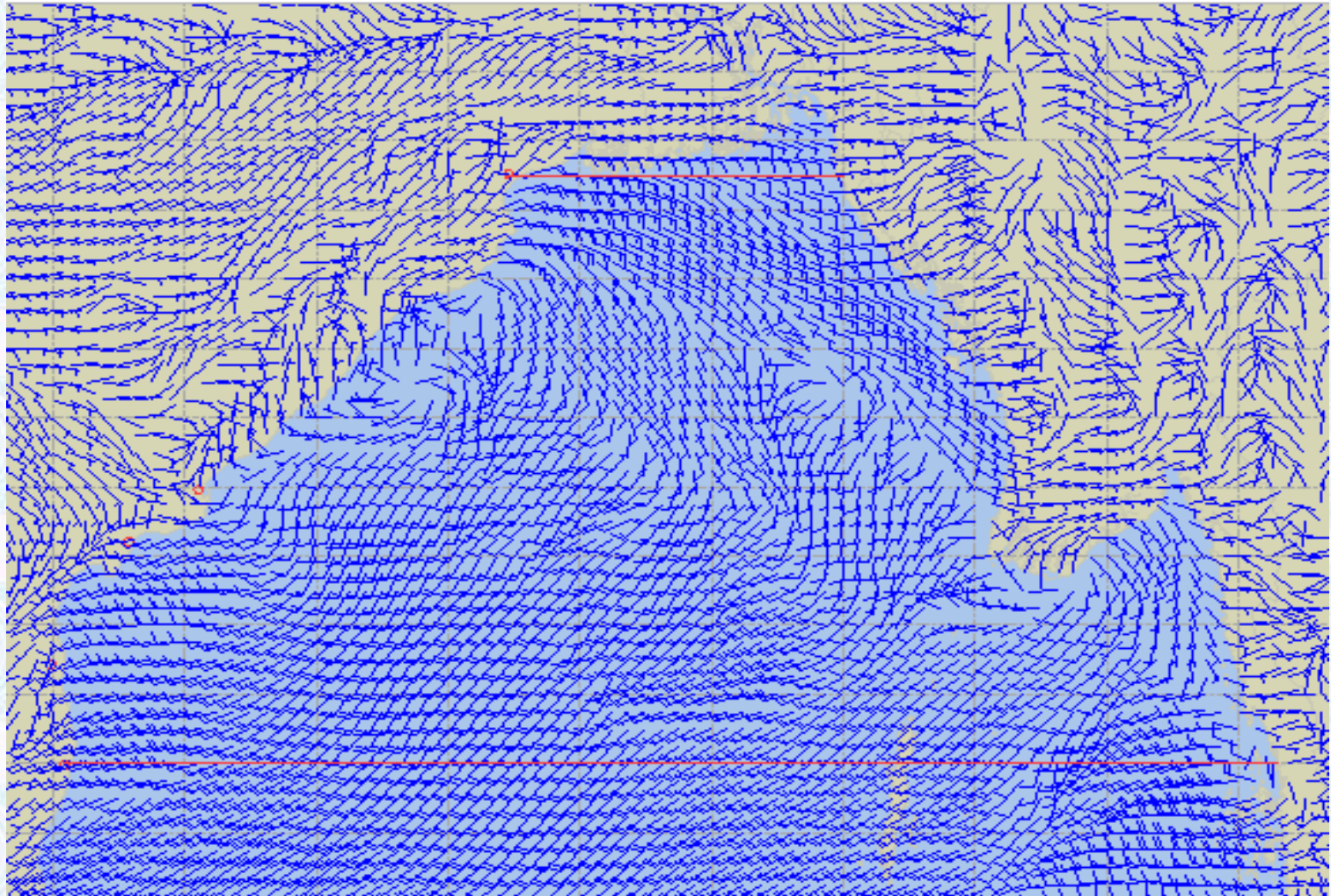
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 14 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



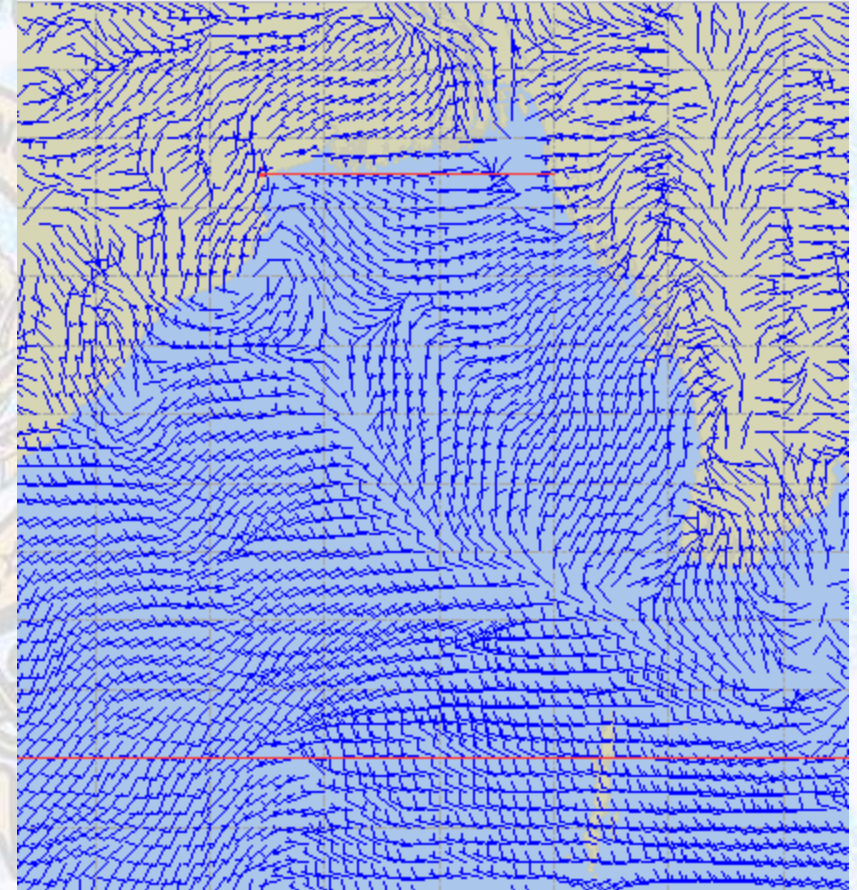
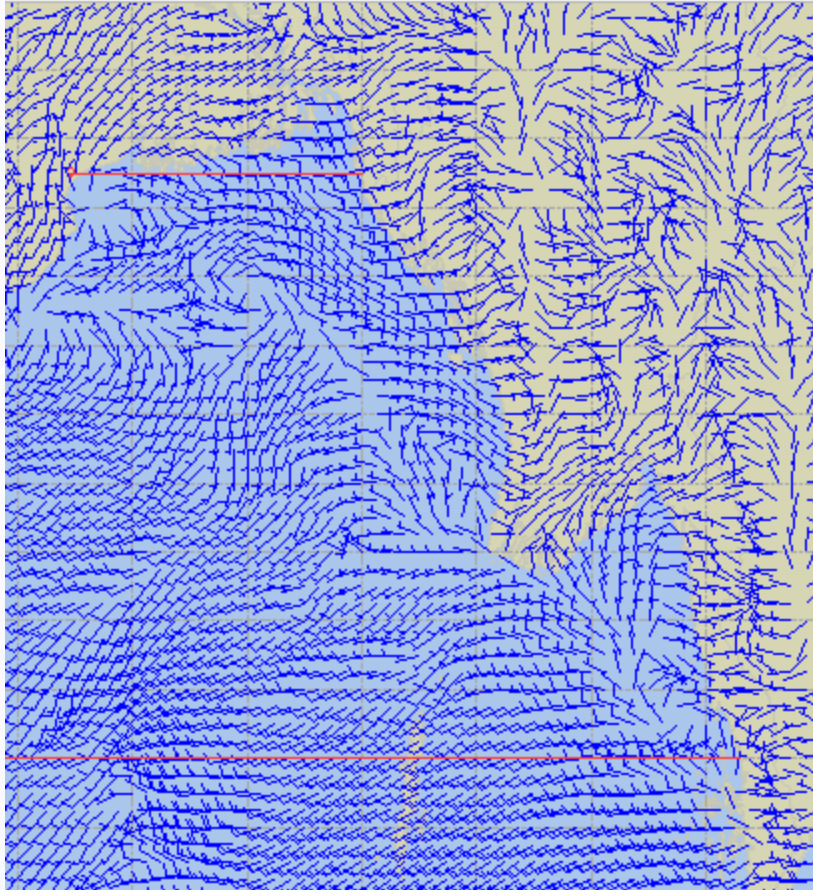
60 Knots



Surface Wind Forecast – 15 & 16 Oct- 2020

15 Oct 20 Thursday

16 Oct 20 Friday



Legend:



Calm
Winds



5 Knots



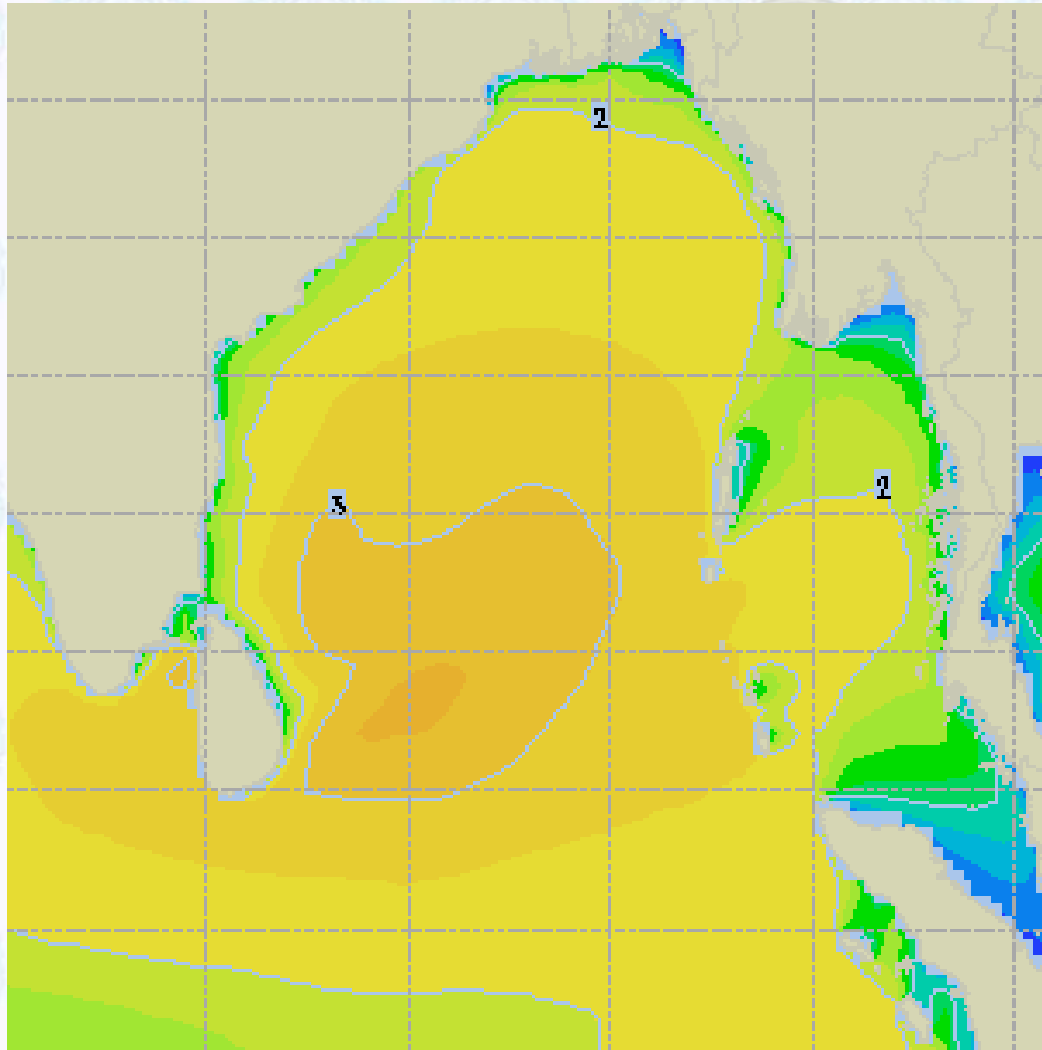
10 Knots



60 Knots



Sea State Forecast – 14 Oct- 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

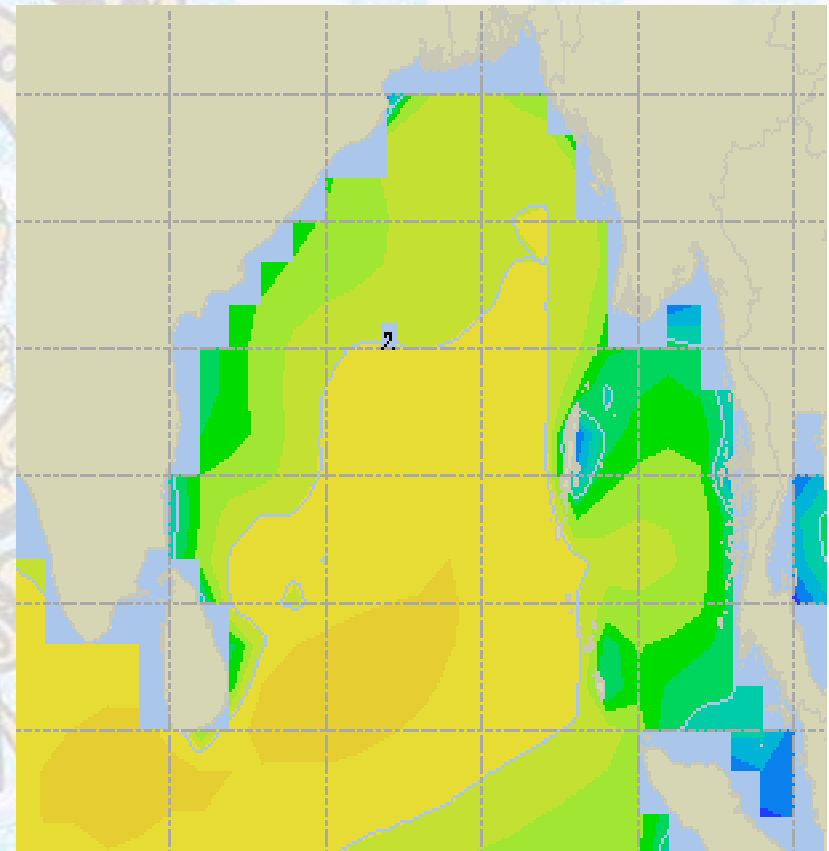
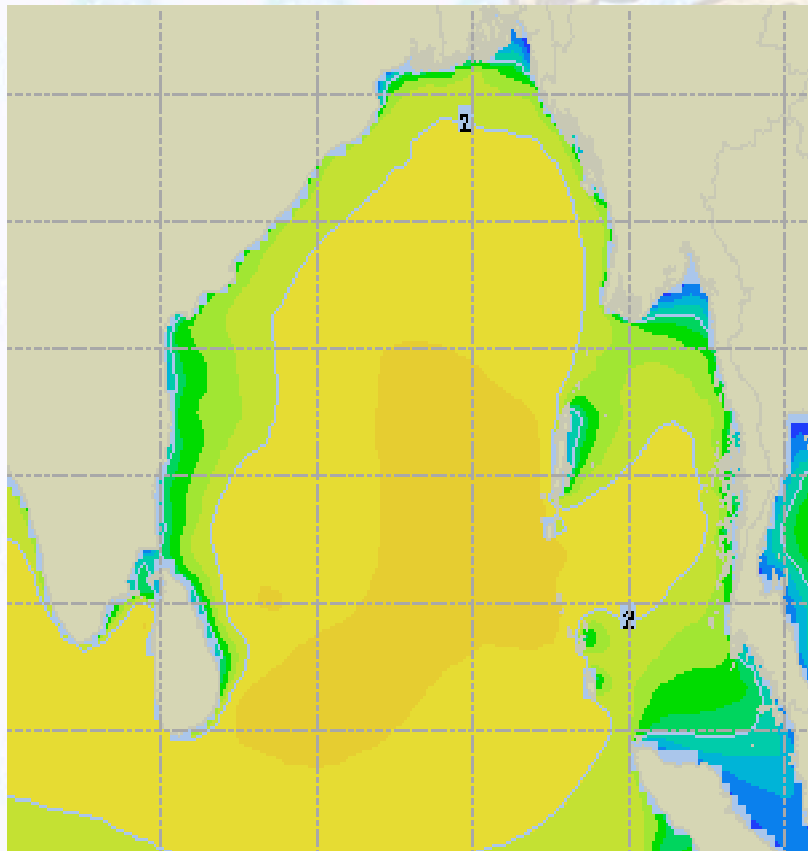




Sea State Forecast – 15 & 16 Oct- 2020

15 Oct 20 Thursday

16 Oct 20 Friday

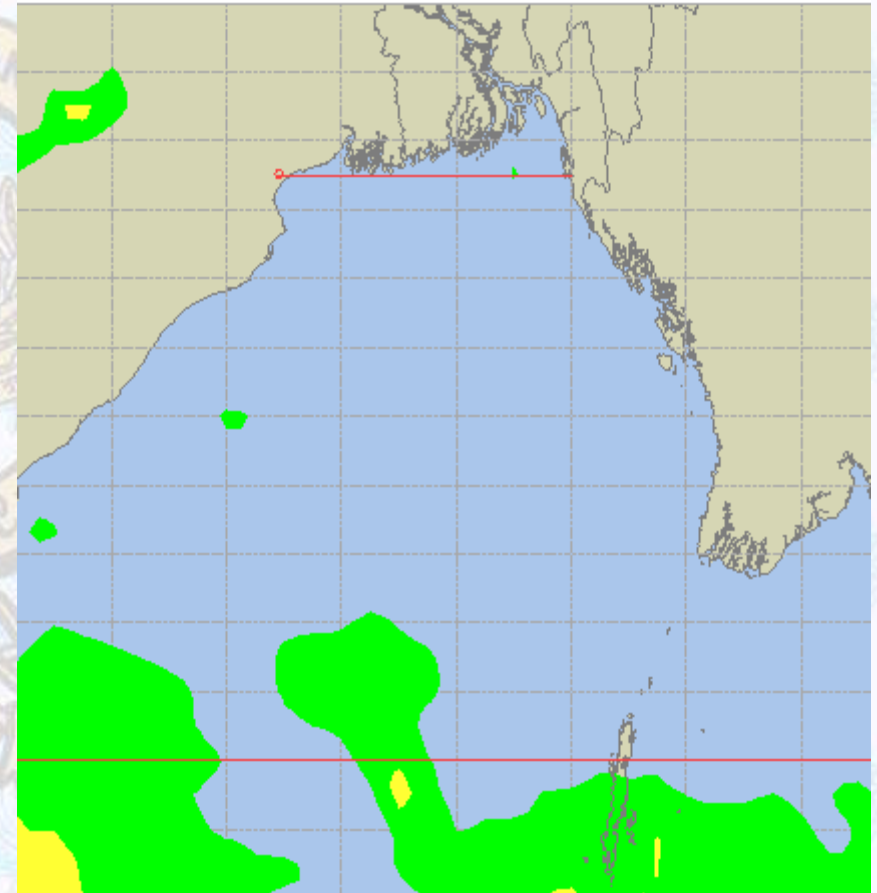
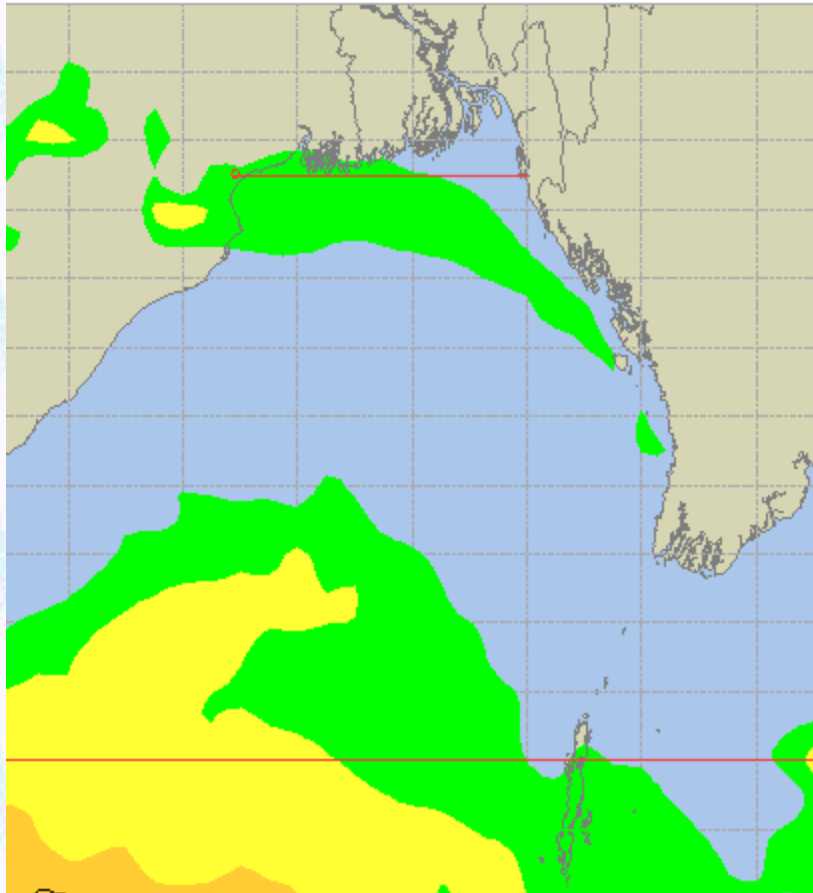




Peak Gusting Possibilities— 14 & 15 Oct 2020

14 Oct 20 Wednesday

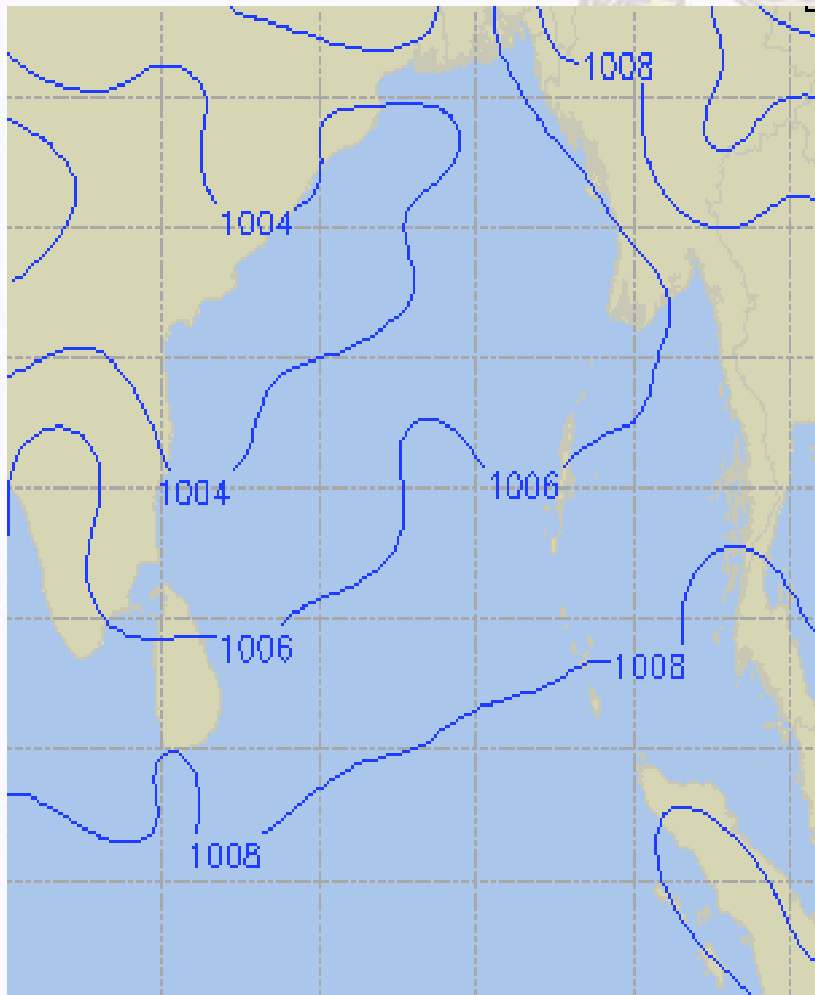
15 Oct 20 Thursday



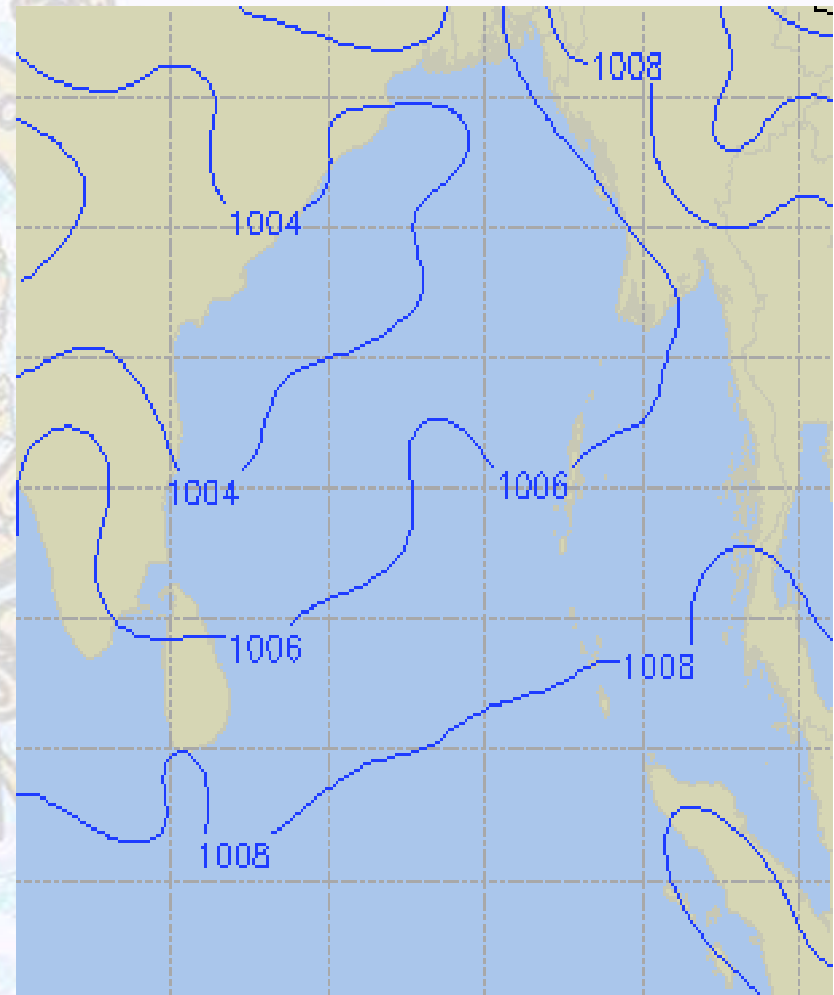


Surface Pressure forecast– 14 & 15 Oct 2020

14 Oct 20 Wednesday



15 Oct 20 Thursday

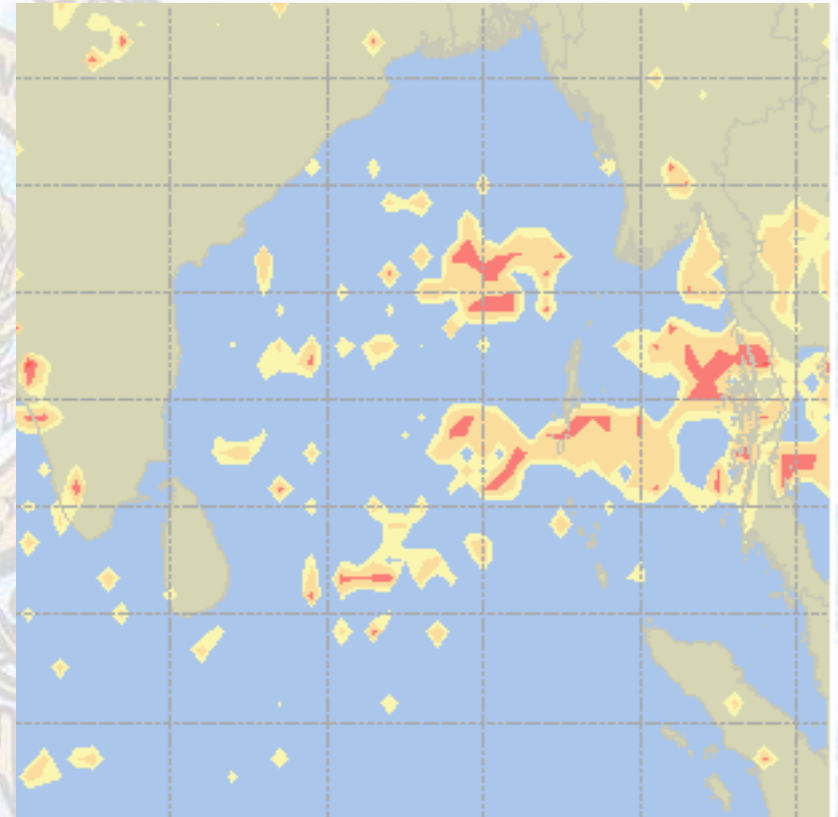
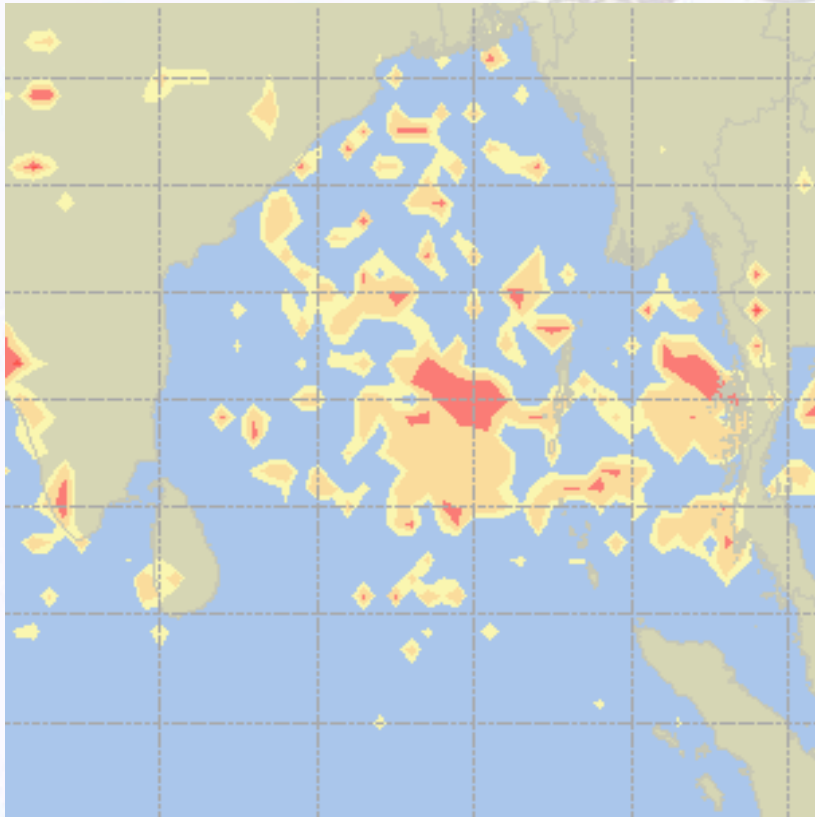




Visibility at Sea Forecast – 14 & 15 Oct 2020

14 Oct 20 Wednesday

15 Oct 20 Thursday



Visibility Scale:

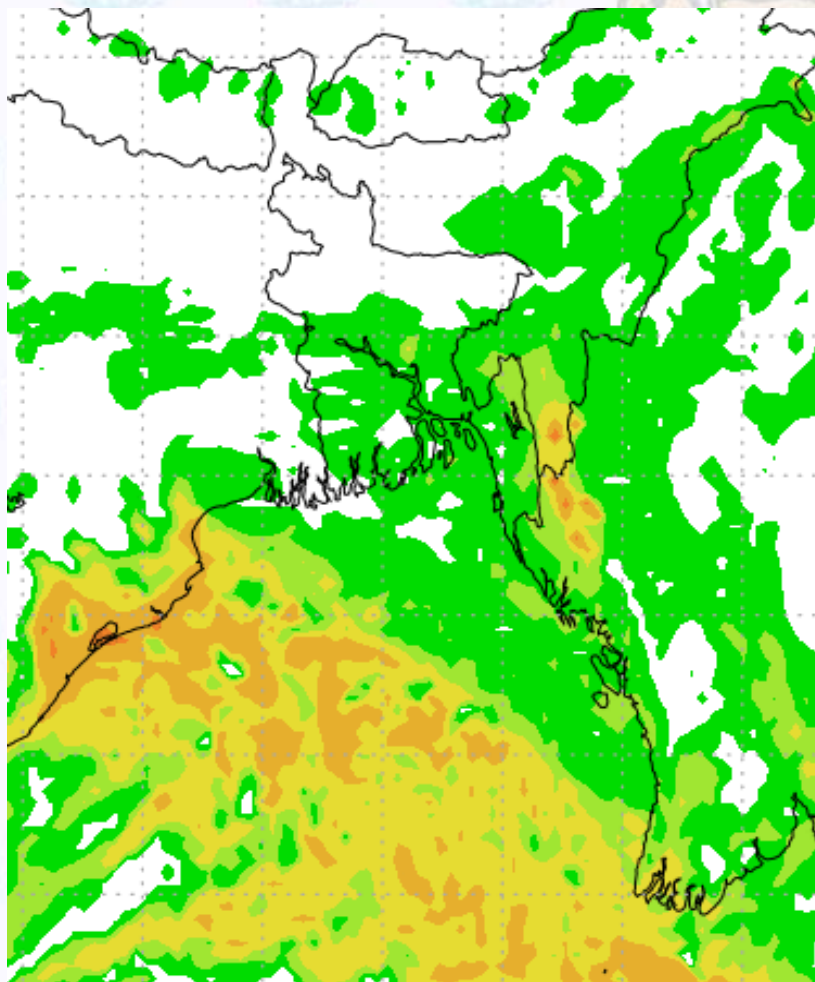


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

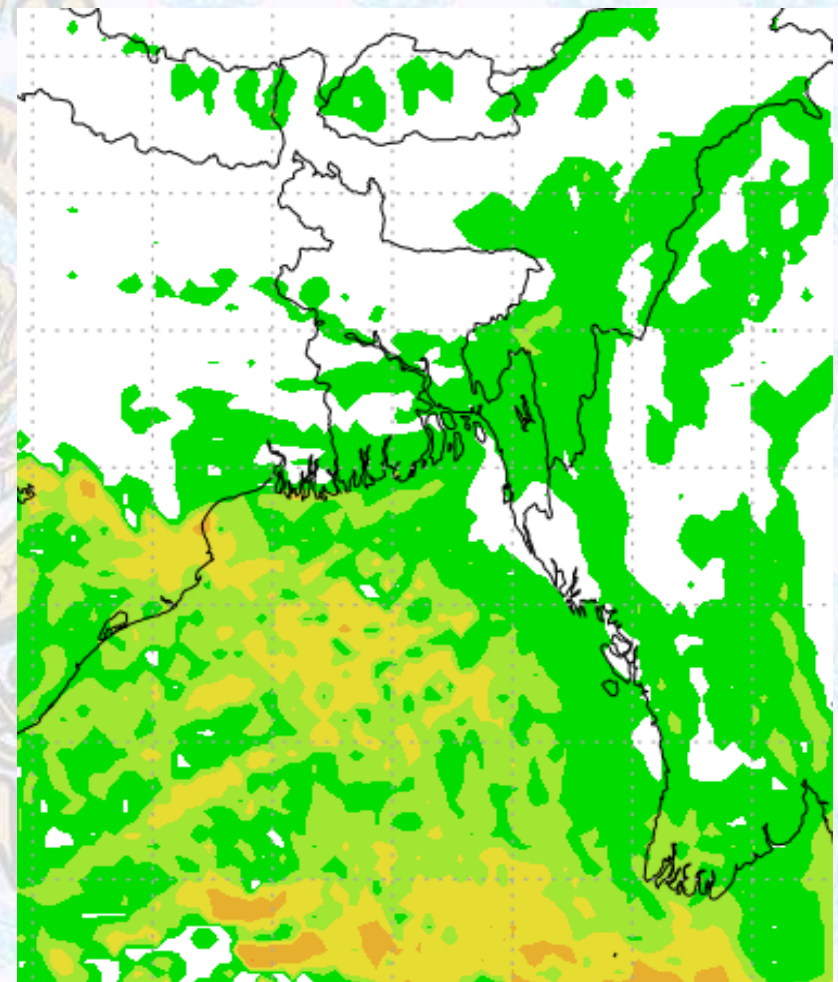


Precipitation

Rain(mm) 14 & 15 Oct 2020



Rain(mm) 15 & 16 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0505		1.10			0243	1.10
14 Oct 2020	1053	4.67		0830	3.29		0825	3.05
	1735	0.79		1509	0.91		1455	0.89
	2328	4.82		2056	3.41		2101	3.12
	Time	Height		Time	Height		Time	Height
		0558		0.77			0336	0.90
15 Oct 2020	1141	4.93		0916	3.53		0913	3.21
	1821	0.55		1557	0.73		1540	0.67
	-	-		2139	3.70		2143	3.35
	Time	Height		Time	Height		Time	Height
		0009		5.13			0423	0.73
16 Oct 2020	0643	0.52		0958	3.70		0956	3.31
	1223	5.10		1641	0.59		1621	0.50
	1902	0.37		2220	3.90		2223	3.49