



WEATHER FORECAST FOR BN

15 OCT- 18 OCT 2020





WEATHER FORECAST – DHAKA

15.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33/ 24	33 / 24	30 / 25	29 / 25
Wind	6 km/h NNW	5 km/h WNW	4 km/h WNW	2 km/h WNW
Humidity	62%	61%	73%	77%
Chance of Precip	24%	24%	5%	12%
Cloud Cover	40%	30%	23%	21%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	05: 56 AM 17: 31 PM			

Conditions

Pressure : 1006 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

15.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	31 / 27	30 / 27	29 / 27
Wind	9 km/h W	9 km/h WSW	5 km/h SW	1 km/h SSW
Humidity	73%	79%	85%	86%
Chance of Precip.	7%	10%	32%	24%
Cloud Cover	30%	27%	35%	41%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise	05: 49 AM			
Sunset	17: 27 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

15.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 27	32 / 27	29 / 27	28 / 27
Wind	5 km/h ESE	6 km/h S	3 km/h SW	1 km/h WSW
Humidity	69%	75%	87%	91%
Chance of Precip.	41%	24%	6%	8%
Cloud Cover	51%	58%	40%	37%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	05: 58 AM 17: 35 PM			

Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	16 Oct 2020	17 Oct 2020	18 Oct 2020
Temperature (C)	34 °C/ 27 °C	34 °C/ 27 °C	33 °C/ 27 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	5h56m36s/17h31m00s	5h57m00s/17h30m06s	5h57m00s/17h30m06s
Day Length	11h34m24s	11h33m06s	11h33m06s
Moon Rise/ Set	5:06AM 5:27PM	6:12 AM 6:09 PM	7:19AM 6:54PM
Moon Phase/ illu	New Moon, 0%	New Moon, 1%	Waxing Crescent, 5%
NauticalTwilight	05:06, 18:22	05:07, 18:21	05:07, 18:21
Civil Twilight	05:33, 17:55	05:34, 17:54	05:34, 17:54
Humidity	D : 69% N : 80%	D : 67% N : 81%	D : 70% N : 81%
Barometer (mb)	1006	1005	1007
Visibility	Good	Good	Good
Precip Chance	10%	20%	20%
Wind (mph)	6 Km/h W	8 Km/h NNW	6 Km/h WSW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	16 Oct 2020	17 Oct 2020	18 Oct 2020
Temperature (C)	33 °C/ 26 °C	32 °C/ 26 °C	33 °C/ 26 °C
Summary	Sunny	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h49m42s/17h26m24s	5h50m00s/17h25m30s	5h50m00s/17h25m30s
Day Length	11h36m42s	11h35m30s	11h35m30s
Moon Rise/ Set	5:01AM 5:21PM	6:05 AM 6:04 PM	7:11AM 6:50PM
Moon Phase/ illu	New Moon, 0%	New Moon, 1%	Waxing Crescent, 5%
Nautical Twilight	05: 01 18:16	05: 02 18:15	05: 02 18:15
Civil Twilight	05:26, 17:50	05:27, 17:49	05:27, 17:49
Humidity	D : 78% N : 91%	D : 81% N : 92%	D : 78% N : 92%
Barometer (mb)	1006	1006	1007
Visibility	Good	Good	Good
Precip Chance	20%	30%	40%
Wind (mph)	8 Km/h NW	4 Km/h W	6 Km/h NNW

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



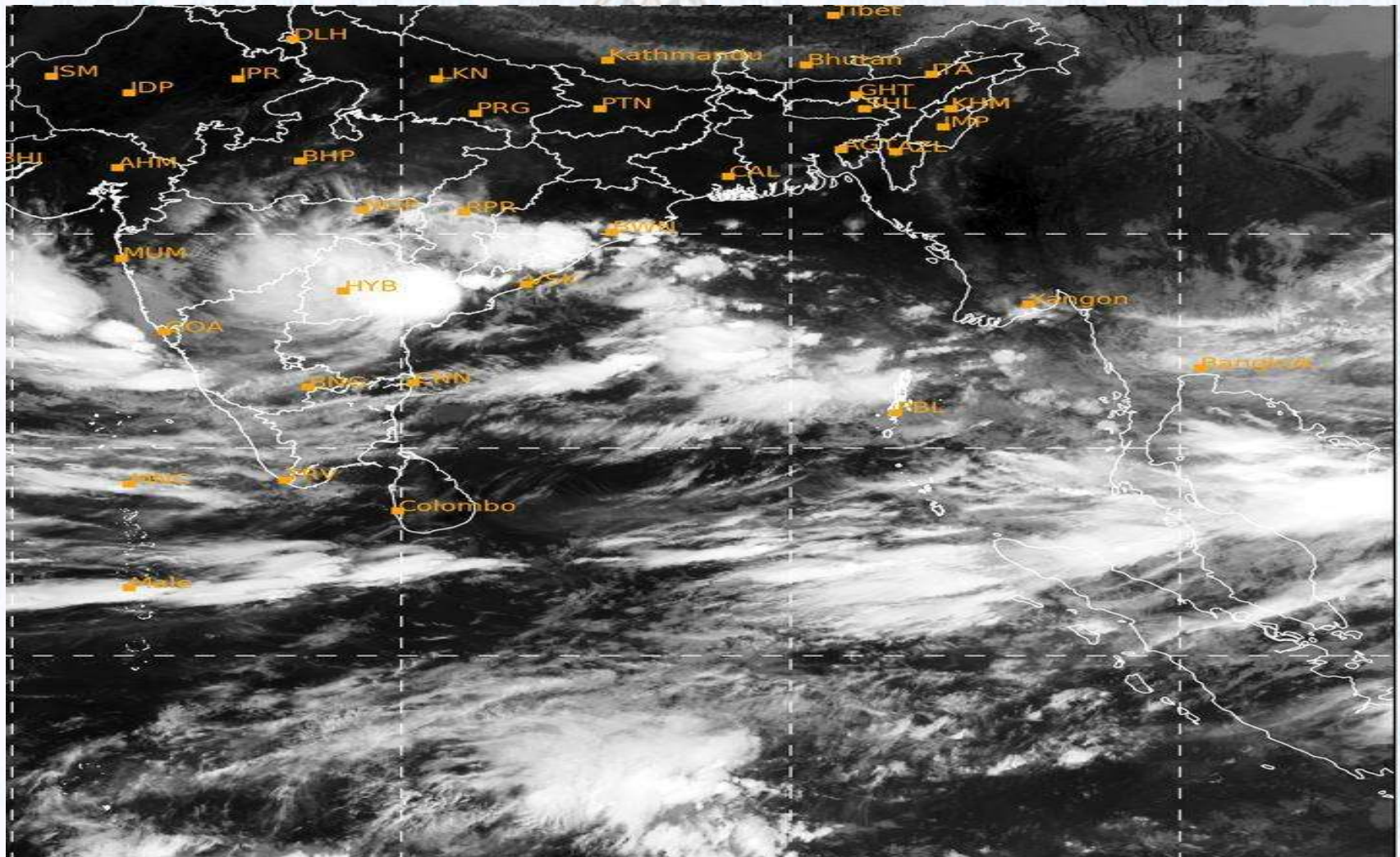
GENERAL WEATHER FORECAST – KHULNA

Description	16 Oct 2020	17 Oct 2020	18 Oct 2020
Temperature(C)	34°C/ 27°C	34°C/ 27°C	33°C/ 26°C
Summary	Sunny	Sunny	P/Cloudy/ Light Rain
Sun Rise/Set	5h59m18s/17h35m06s	5h59m36s/17h34m18s	5h59m36s/17h34m18s
Day Length	11h35m48s	11h34m42s	11h34m42s
Moon Rise/Set	5:10AM 5:30PM	6:15 AM 6:13 PM	7:22AM 6:59PM
Moon Phase/illu	New Moon, 0%	New Moon, 1%	Waxing Crescent, 5%
Nautical Twilight	05:09, 18:25	05:10, 18:24	05:10, 18:24
Civil Twilight	05:36, 17:59	05:37, 17:58	05:37, 17:58
Humidity	D : 72% N : 83%	D : 71% N : 83%	D : 75% N : 83%
Barometer (mb)	1006	1007	1008
Visibility	Good	Good	Good
Precip Chance	20%	20%	60%
Wind (mph)	6 km/h N	7 km/h NNW	5 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

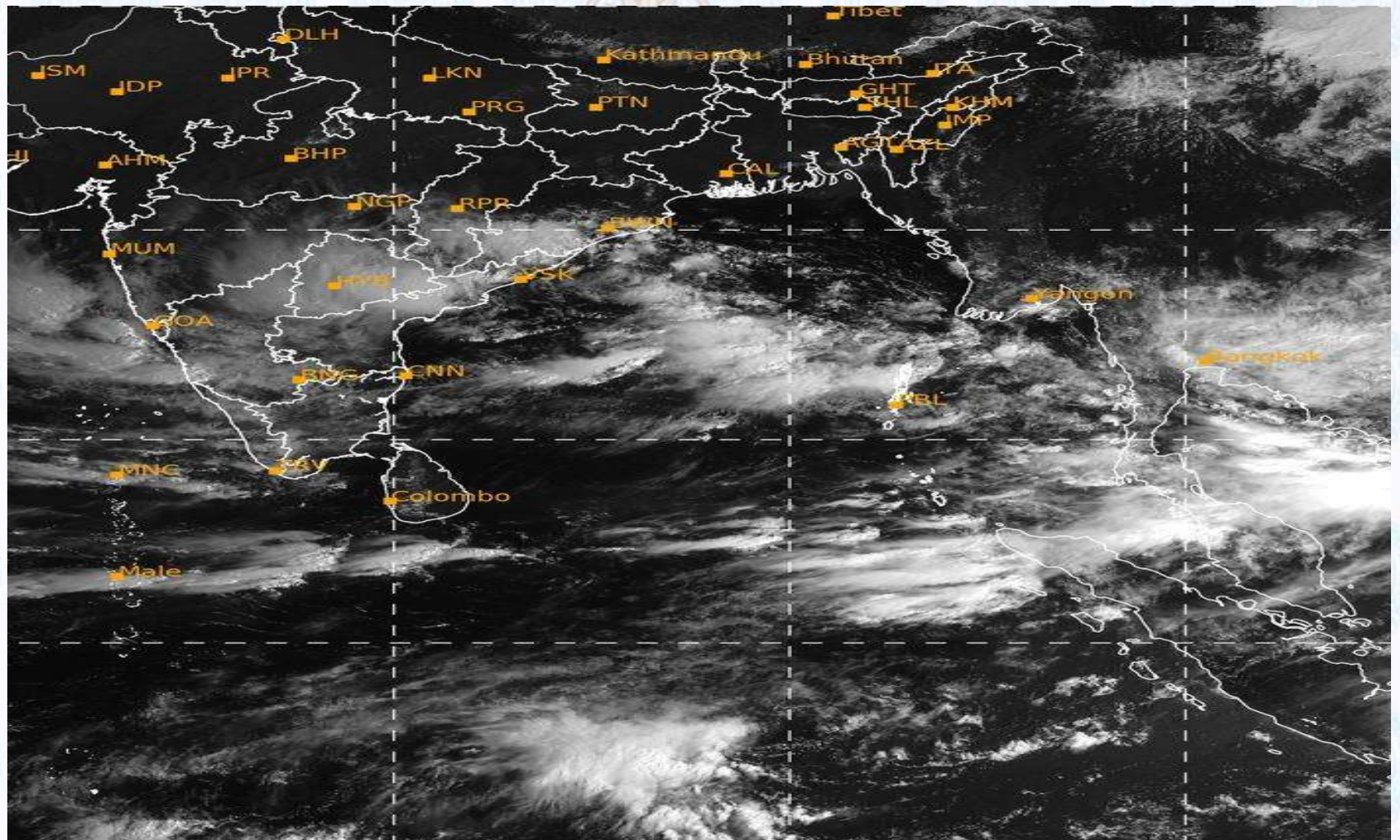


15/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



15/10/2020, 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 15.10.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK TO 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 = 15,0000 UTC. CHATTOGRAM =1008 HPA



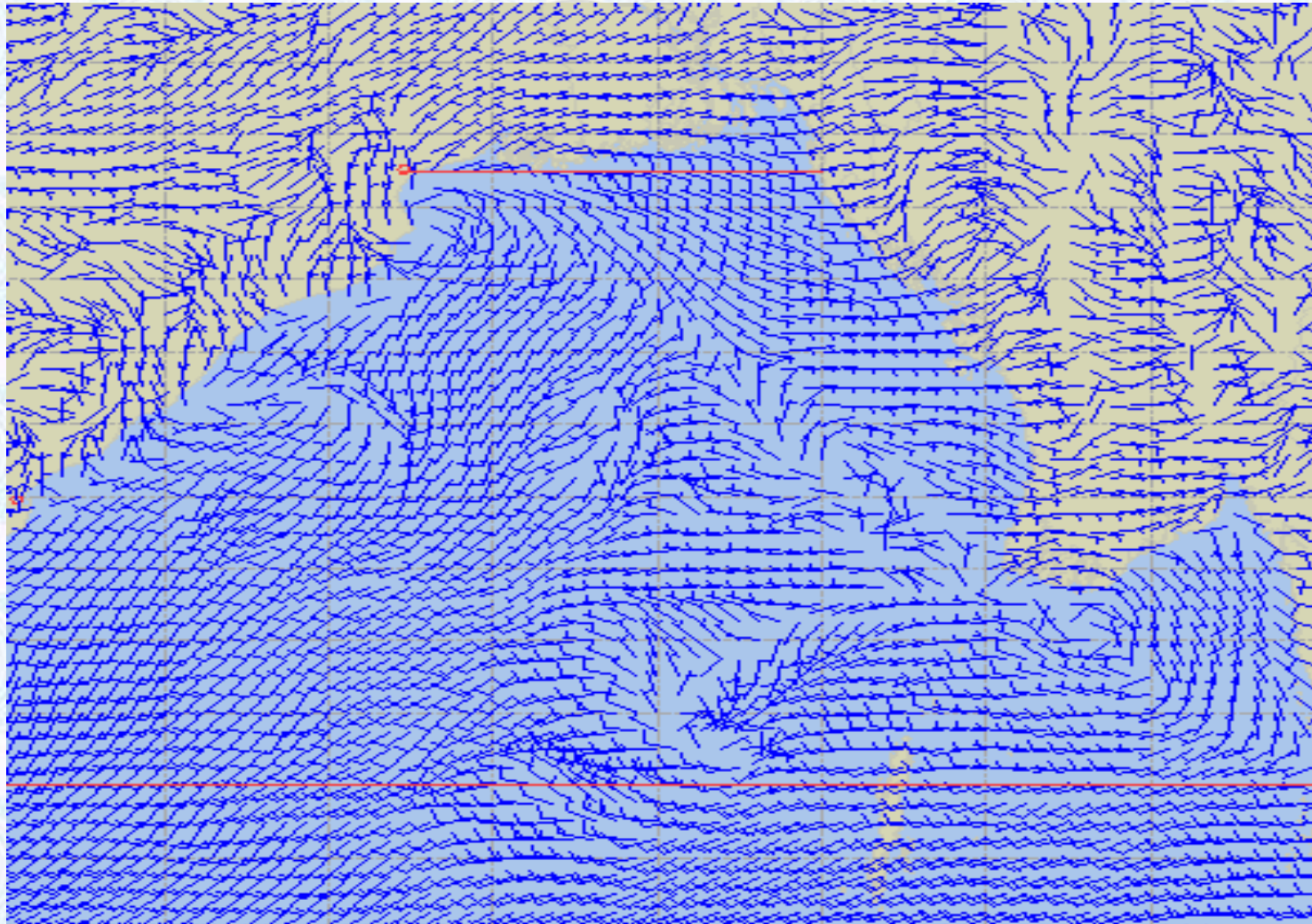
Inland River Port Warning **(VALID TILL 06 PM OF 15.10.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH- EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF JASHORE, KHULNA, KUSHTIA, BARISHAL, PATUAKHALI, NOAKHALI, DHAKA, MADARIPUR, FARIDPUR, CUMILLA, CHATTOGRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 16 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



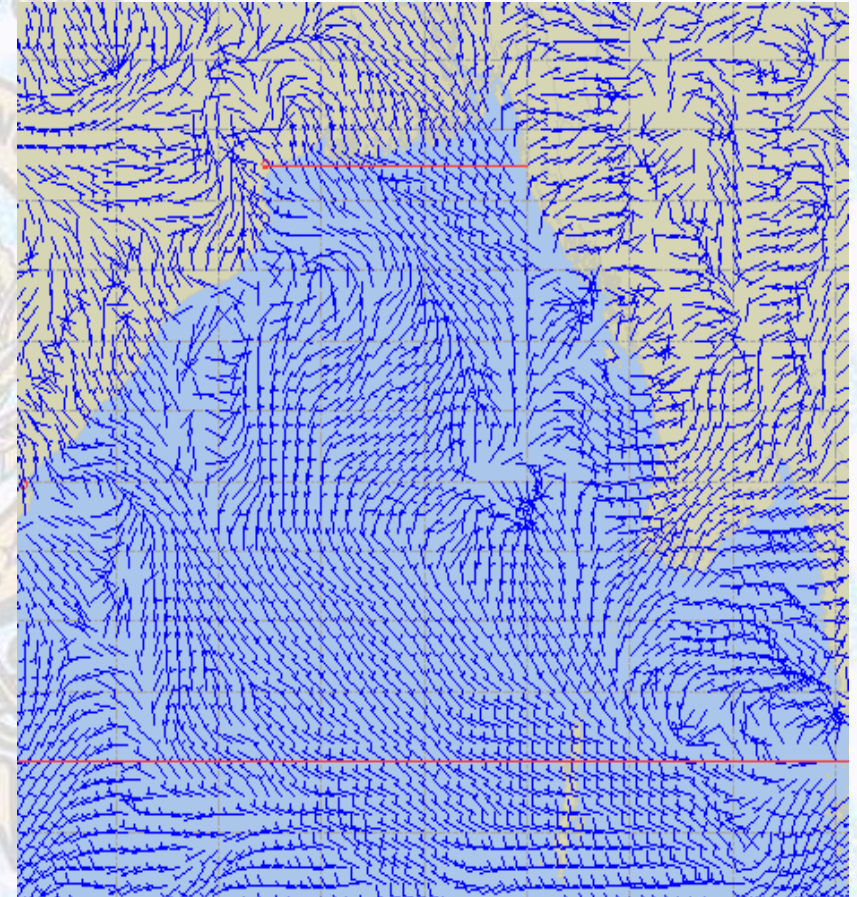
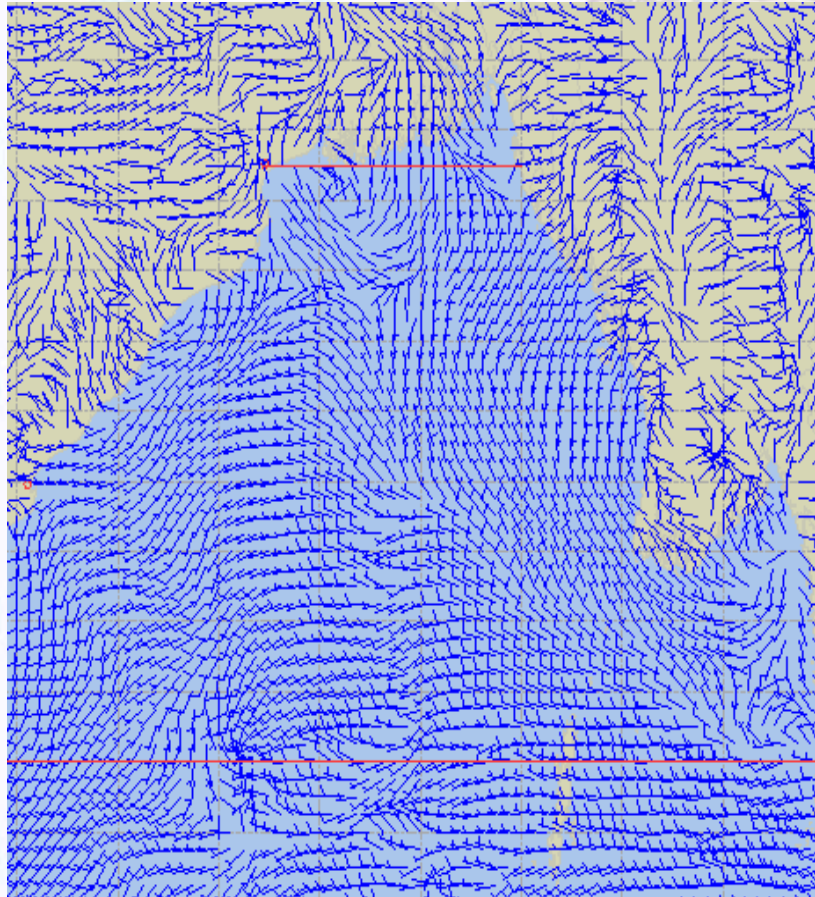
60 Knots



Surface Wind Forecast – 17 & 18 Oct- 2020

17 Oct 20 Saturday

18 Oct 20 Sunday



Legend:



Calm
Winds



5 Knots



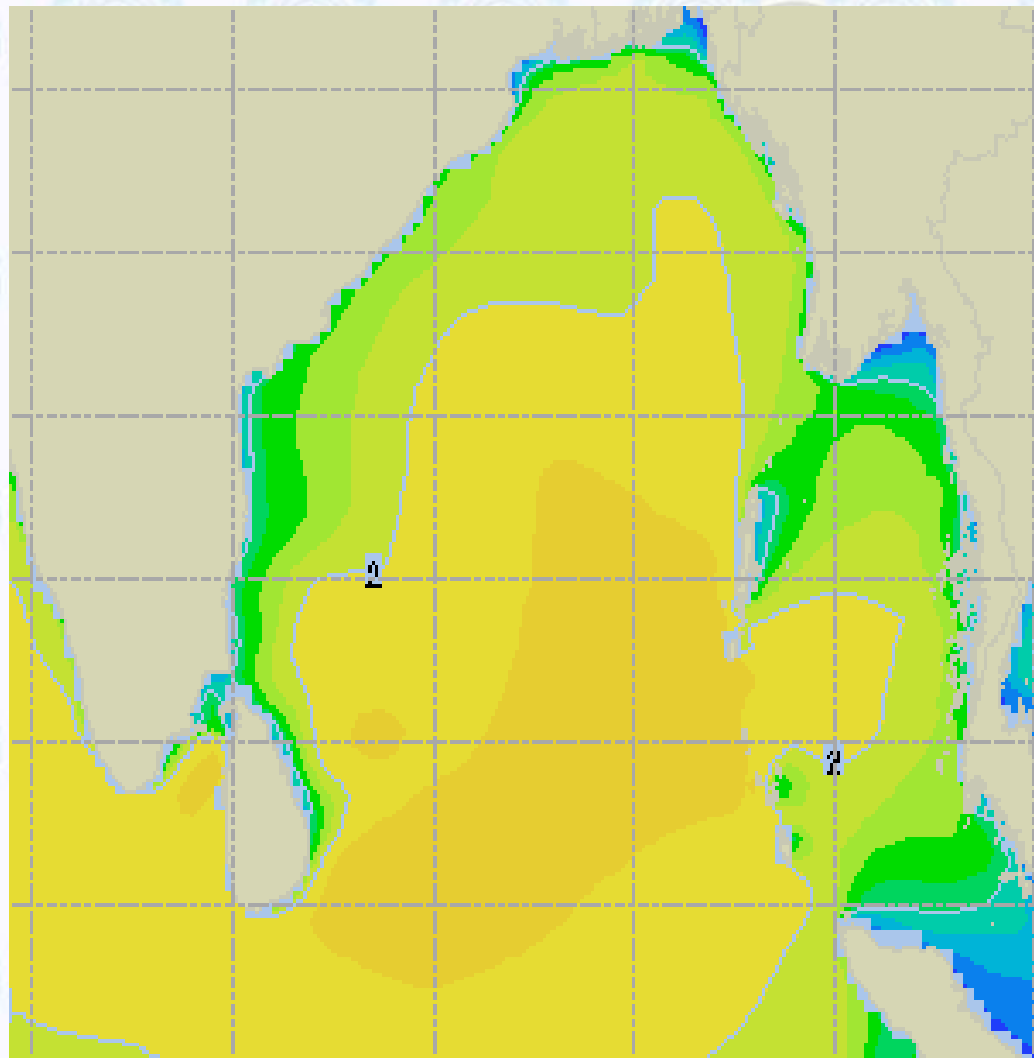
10 Knots



60 Knots



Sea State Forecast – 16 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

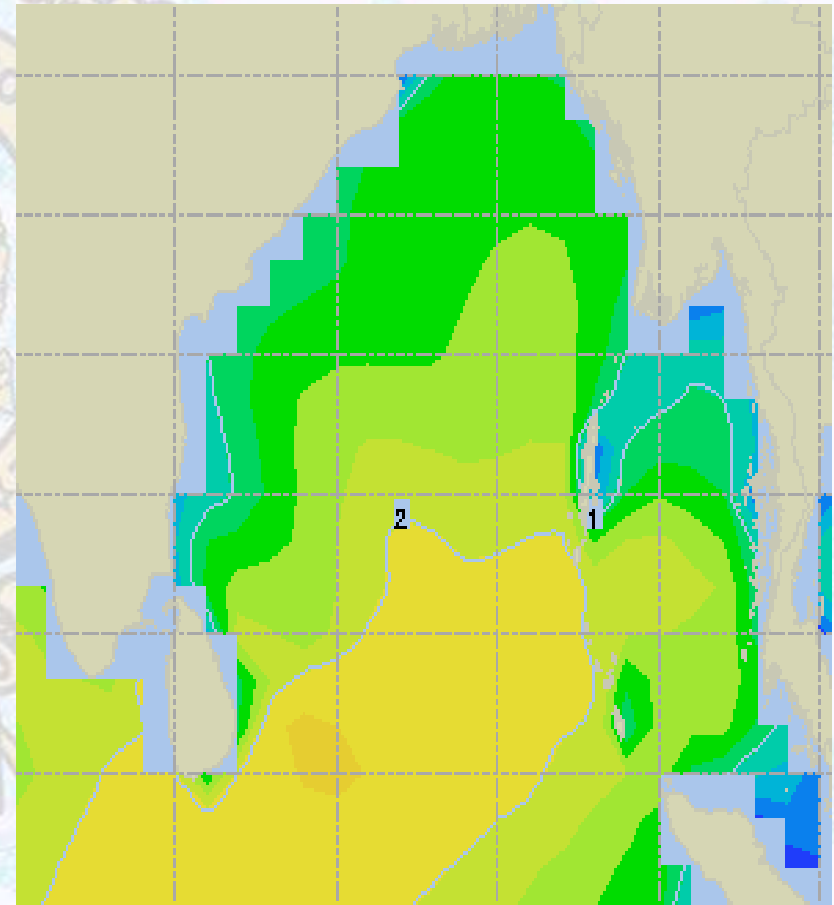
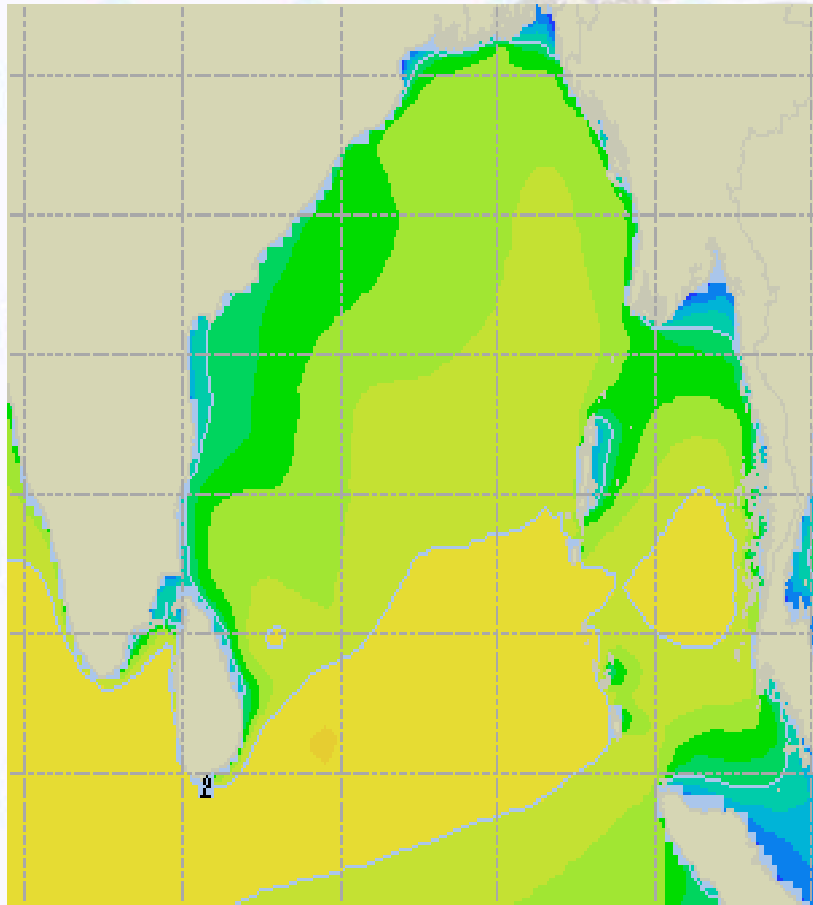




Sea State Forecast – 17 & 18 Oct- 2020

17 Oct 20 Saturday

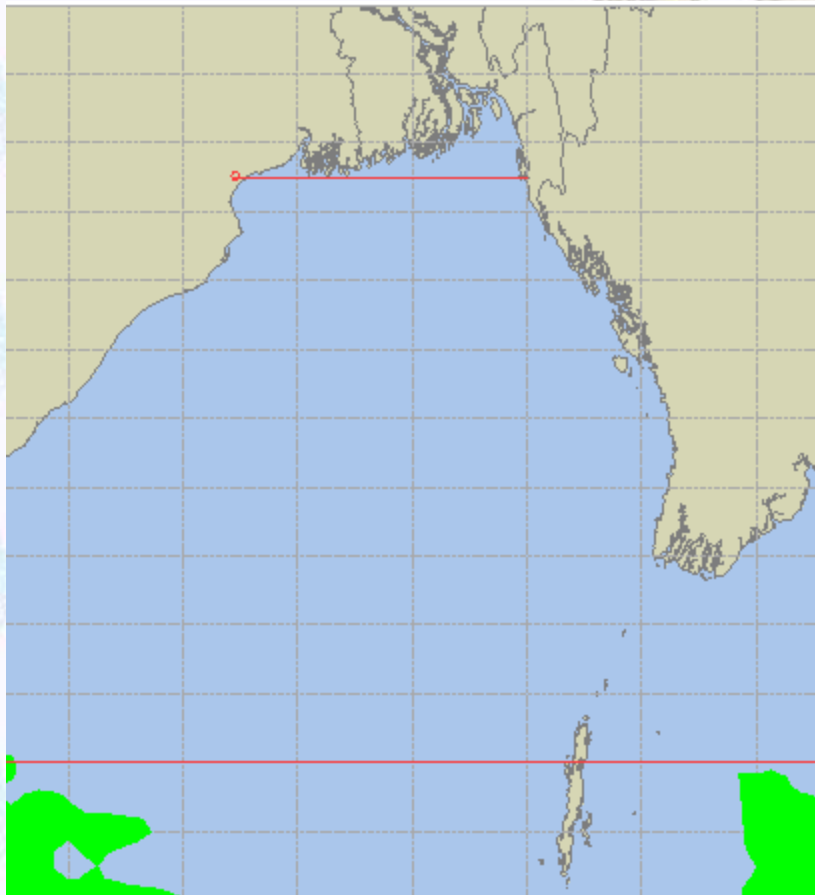
18 Oct 20 Sunday



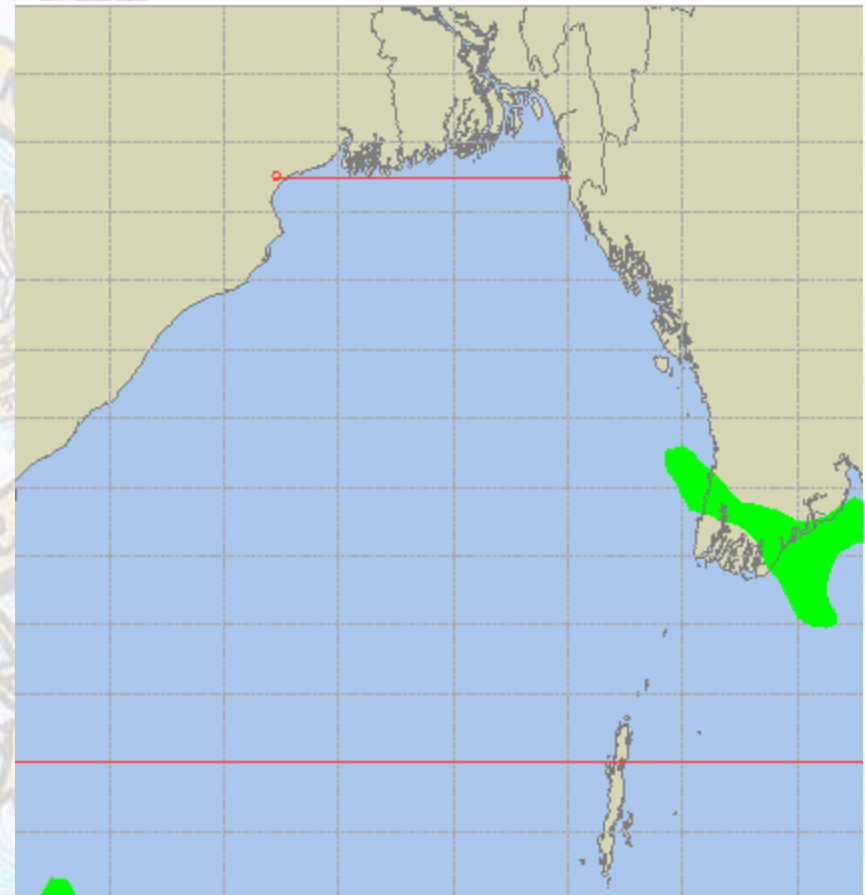


Peak Gusting Possibilities— 16 & 17 Oct 2020

16 Oct 20 Friday



17 Oct 20 Saturday

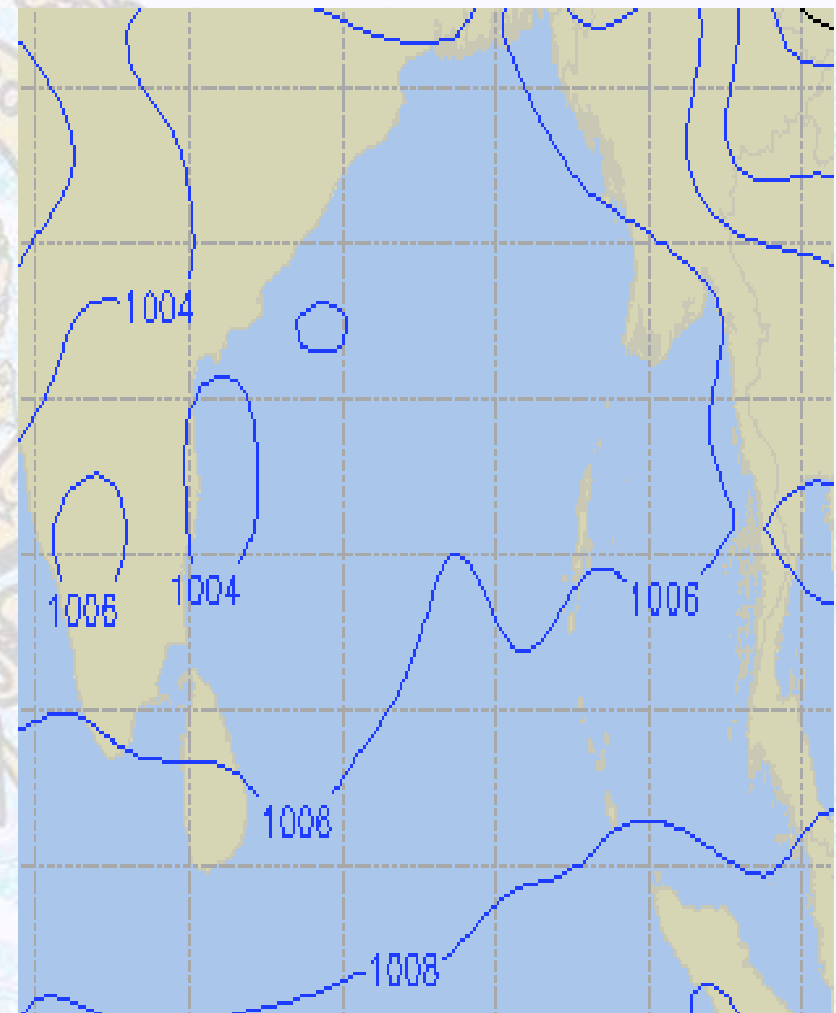
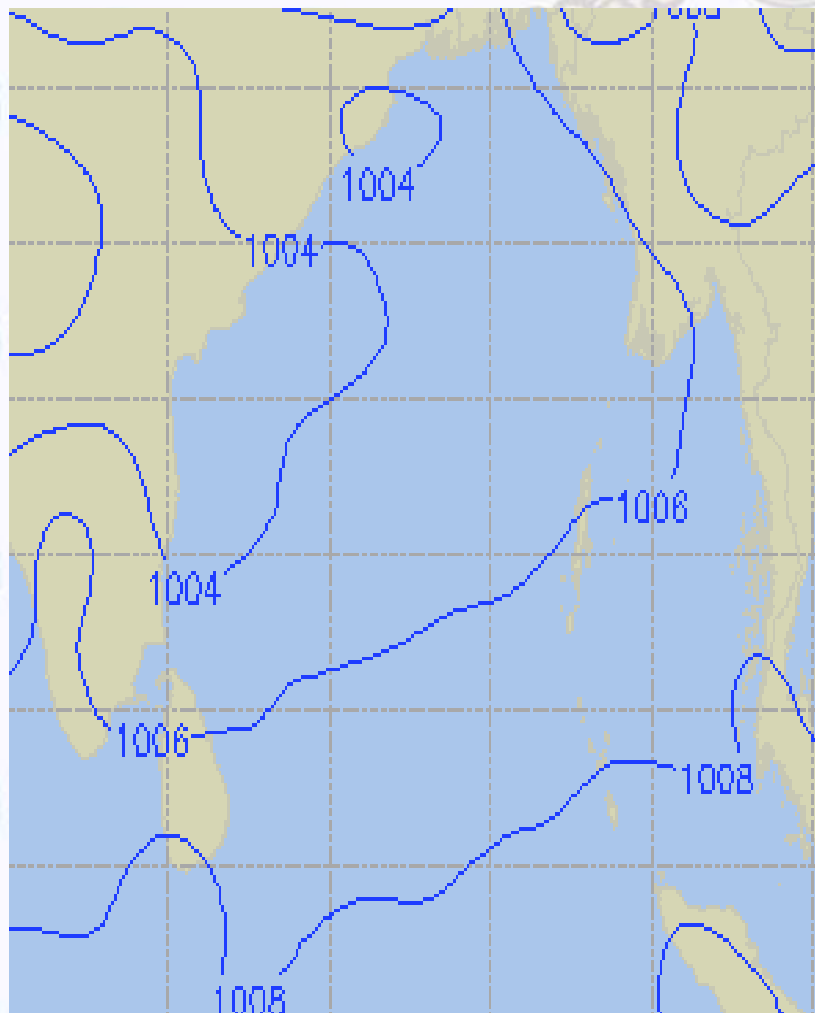




Surface Pressure forecast– 16 & 17 Oct 2020

16 Oct 20 Friday

17 Oct 20 Saturday

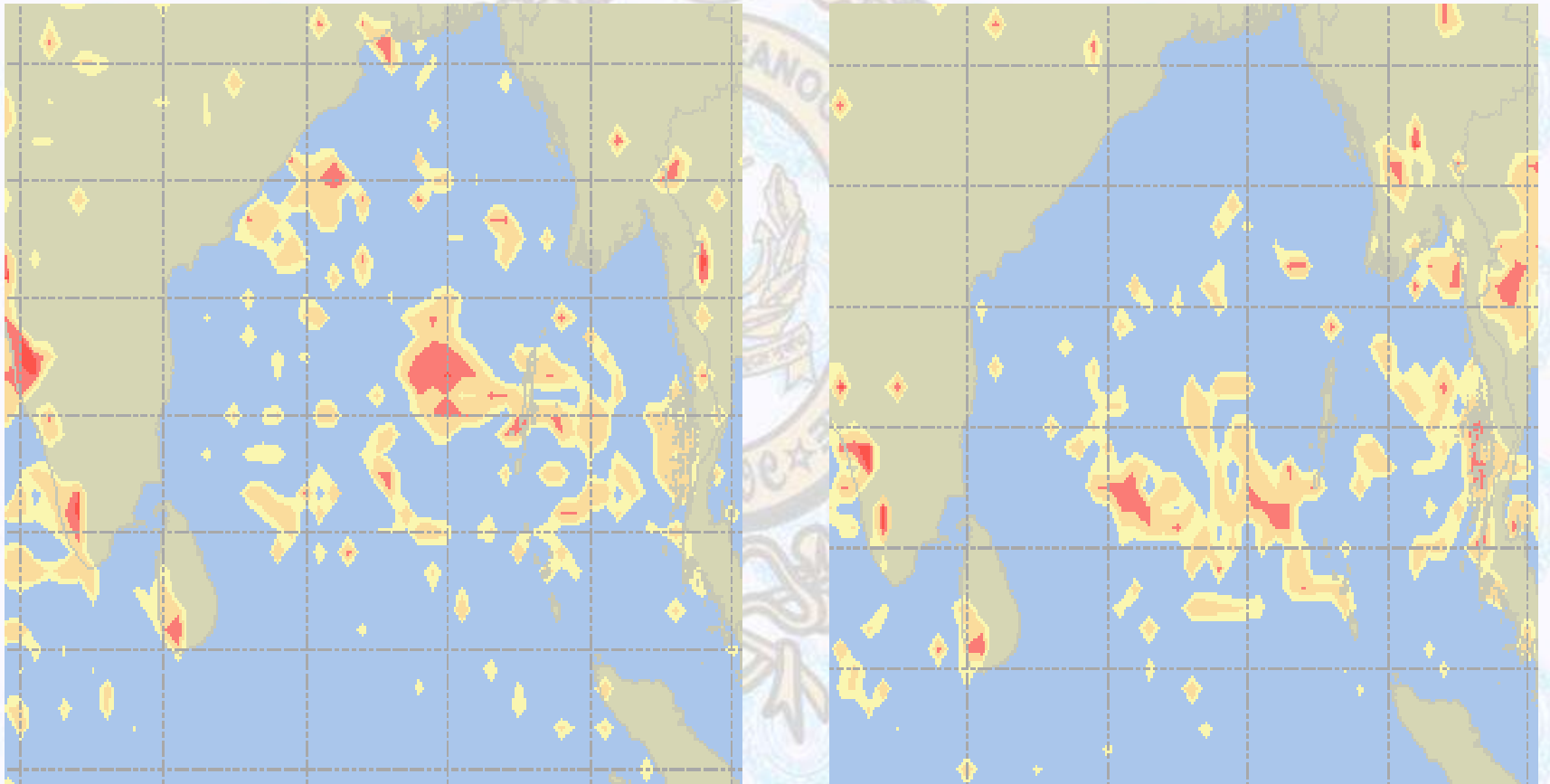




Visibility at Sea Forecast – 16 & 17 Oct 2020

16 Oct 20 Friday

17 Oct 20 Saturday



Visibility Scale:

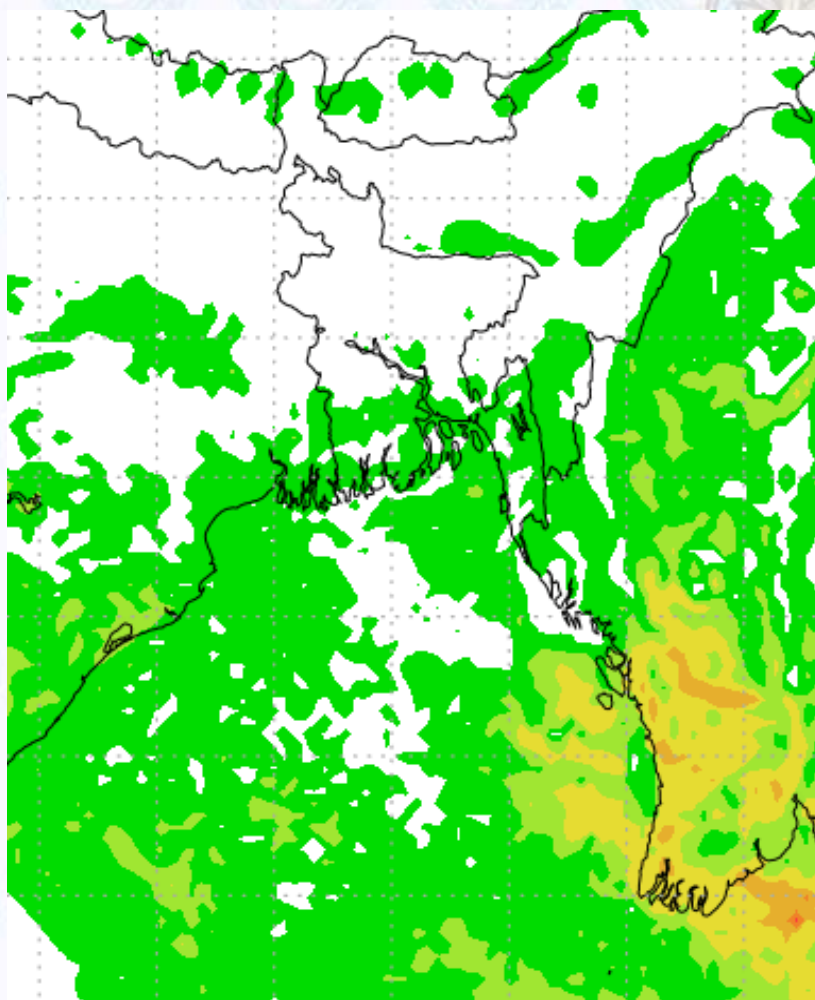


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

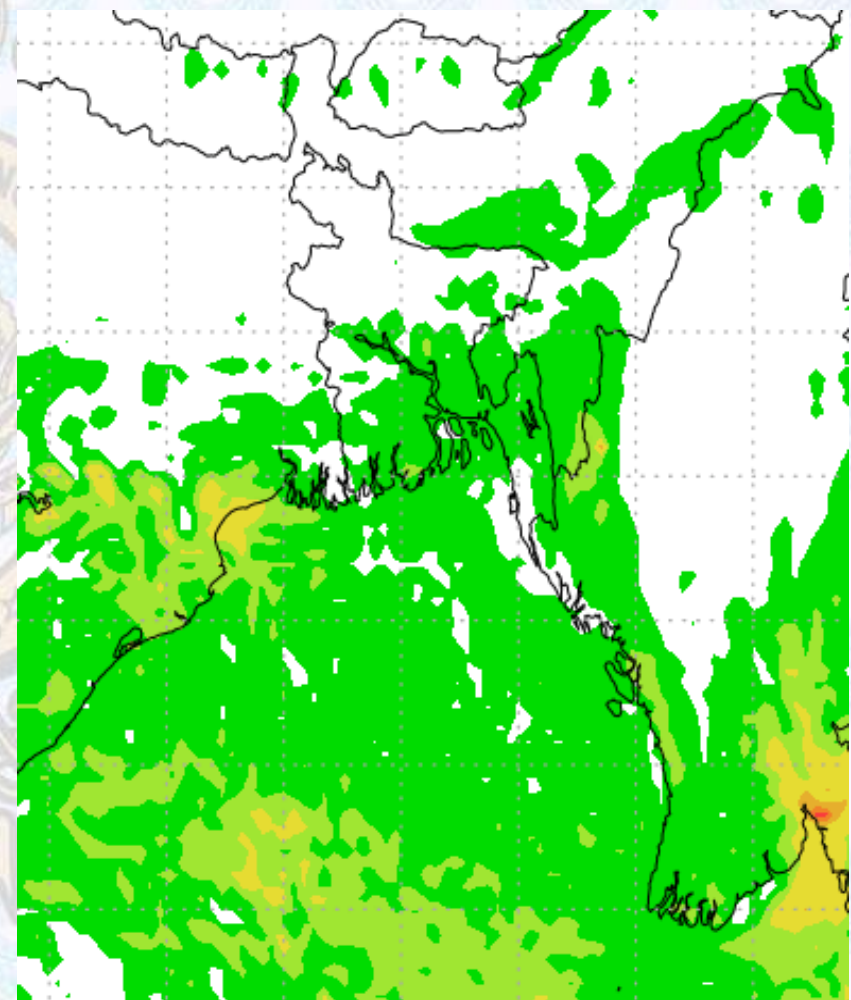


Precipitation

Rain(mm) 16 & 17 Oct 2020



Rain(mm) 17 & 18 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	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
17 Oct 2020	Time	Height		Time	Height		Time	Height
	0047	5.32		0508	0.61		0445	0.60
	0725	0.36		1040	3.77		1037	3.33
	1303	5.17		1724	0.51		1701	0.43
	1941	0.27		2302	3.97		2302	3.53
18 Oct 2020	Time	Height		Time	Height		Time	Height
	0125	5.41		0550	0.56		0526	0.57
	0805	0.29		1122	3.74		1118	3.29
	1343	5.15		1806	0.50		1739	0.45
	2019	0.26		2344	3.92		2341	4.49