



WEATHER FORECAST FOR BN

12 OCT- 15 OCT 2020



WEATHER FORECAST – DHAKA

12.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 25	33 / 24	30 / 25	29 / 25
Wind	6 km/h N	5 km/h NNW	3 km/h NW	1 km/h NNW
Humidity	63%	62%	72%	77%
Chance of Precip	21%	17%	7%	24%
Cloud Cover	36%	38%	19%	19%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	05: 55 AM 17: 34 PM			

Conditions

Pressure : 1005 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

12.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	32 / 27	30 / 28	29 / 27
Wind	7 km/h WNW	7 km/h W	4 km/h SSW	3 km/h SSE
Humidity	73%	77%	89%	90%
Chance of Precip.	7%	6%	24%	32%
Cloud Cover	14%	18%	18%	35%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy/ Light Rain
Sunrise Sunset	05: 48 AM 17: 29 PM			

Conditions

Pressure : 1006 hpa

Visibility : 09.66 Km

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



WEATHER FORECAST – KHULNA

12.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 27	33 / 27	30 / 27	29 / 27
Wind	5 km/h ENE	4 km/h E	2 km/h SE	1 km/h S
Humidity	66%	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: 38 PM			

Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	13 Oct 2020	14 Oct 2020	15 Oct 2020
Temperature (C)	34°C/ 27°C	34°C/ 27°C	34°C/ 27°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h55m24s/17h33m30s	5h55m48s/17h32m42s	5h56m06s/17h31m48s
Day Length	11h38m06s	11h36m54s	11h35m42s
Moon Rise/ Set	1:54 PM 3:21 AM	2:57AM 4:04PM	4:02AM 4:45PM
Moon Phase/ illu	Waning Crescent, 14%	Waning Crescent, 6%	Waning Crescent, 1%
NauticalTwilight	05:05,18:23	05:05,18:23	05:06,18:22
Civil Twilight	05:32,17:56	05:32,17:56	05:33,17:55
Humidity	D : 69% N : 80%	D : 69% N : 81%	D : 68% N : 78%
Barometer (mb)	1005	1006	1006
Visibility	Good	Good	Good
Precip Chance	20%	20%	20%
Wind (mph)	3 Km/h NNE	4 Km/h NW	6 Km/h NNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	13 Oct 2020	14 Oct 2020	15 Oct 2020
Temperature (C)	33°C/ 26°C	33°C/ 26°C	33°C/ 26°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h48m42s/17h28m48s	5h49m06s/17h28m00s	5h49m18s/17h27m06s
Day Length	11h40m06s	11h38m54s	11h37m48s
Moon Rise/ Set	1:50 PM 3:13 AM	2:53AM 3:57PM	3:57AM 4:39PM
Moon Phase/ illu	Waning Crescent, 14%	Waning Crescent, 6%	Waning Crescent, 1%
NauticalTwilight	04:59, 18:17	04:59, 18:17	05: 01 18:16
Civil Twilight	05:25, 17:51	05:25, 17:51	05:26, 17:50
Humidity	D : 79% N : 91%	D : 77% N : 91%	D : 78% N : 90%
Barometer (mb)	1006	1007	1007
Visibility	Good	Good	Good
Precip Chance	20%	20%	20%
Wind (mph)	7 Km/h WNW	7 Km/h NW	87 Km/h NW

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



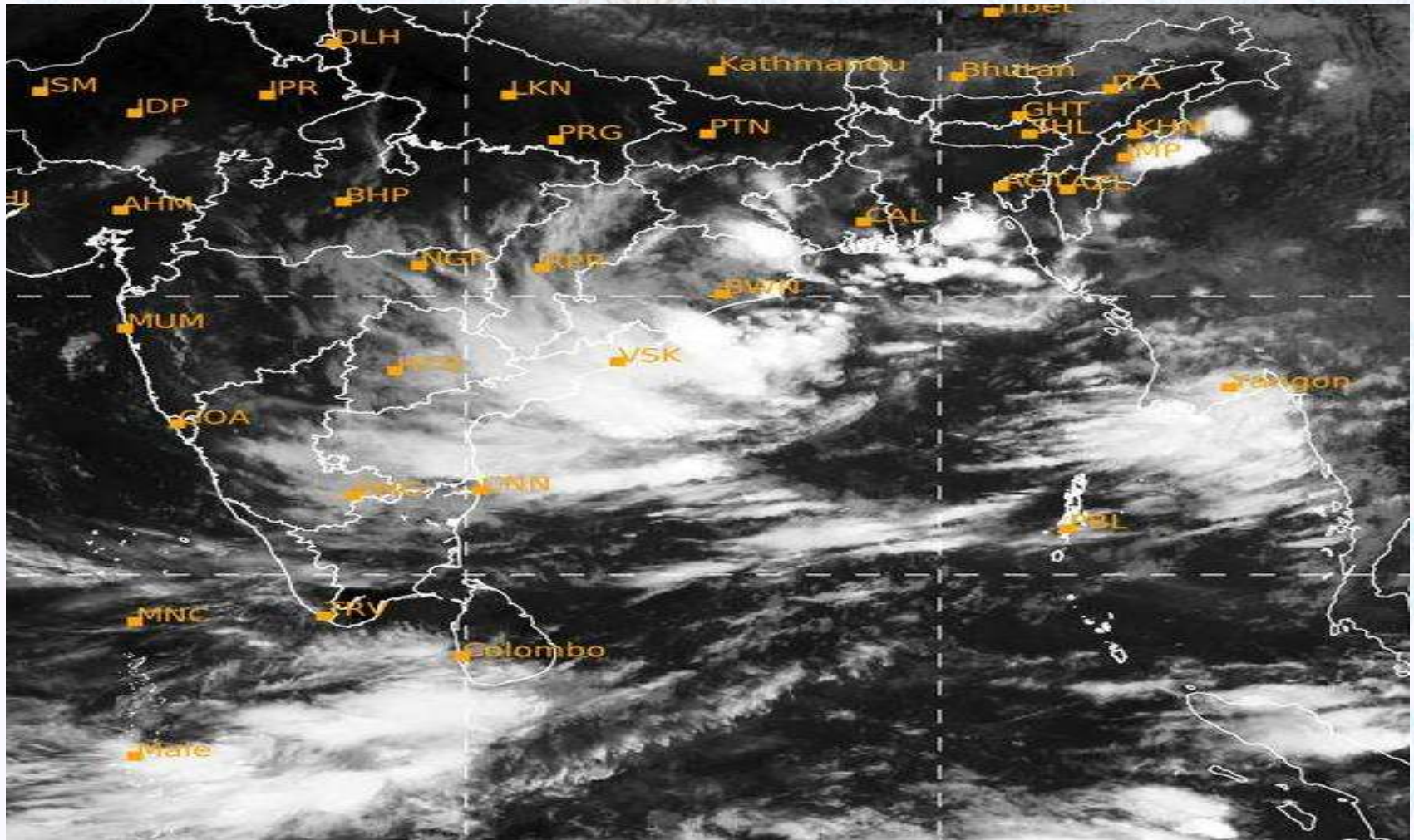
GENERAL WEATHER FORECAST – KHULNA

Description	13 Oct 2020	14 Oct 2020	15 Oct 2020
Temperature(C)	34°C/ 26°C	34°C/ 26°C	34°C/ 26°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h58m12s/17h37m36s	5h58m30s/17h36m48s	5h58m48s/17h35m54s
Day Length	11h39m24s	11h38m18s	11h37m06s
Moon Rise/Set	1:59 PM 3:23 AM	3:02AM 4:06PM	4:06AM 4:48PM
Moon Phase/illu	Waning Crescent, 14%	Waning Crescent, 6%	Waning Crescent, 1%
Nautical Twilight	05:08, 18:26	05:08, 18:26	05:09, 18:25
Civil Twilight	05:35, 18:00	05:35, 18:00	05:36, 17:59
Humidity	D : 72% N : 84%	D : 71% N : 84%	D : 71% N : 81%
Barometer (mb)	1005	1006	1005
Visibility	Good	Good	Good
Precip Chance	20%	20%	20%
Wind (mph)	6 km/h ENE	6 km/h ESE	7 km/h NNE

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



SATELLITE VIEW OF BAY OF BENGAL

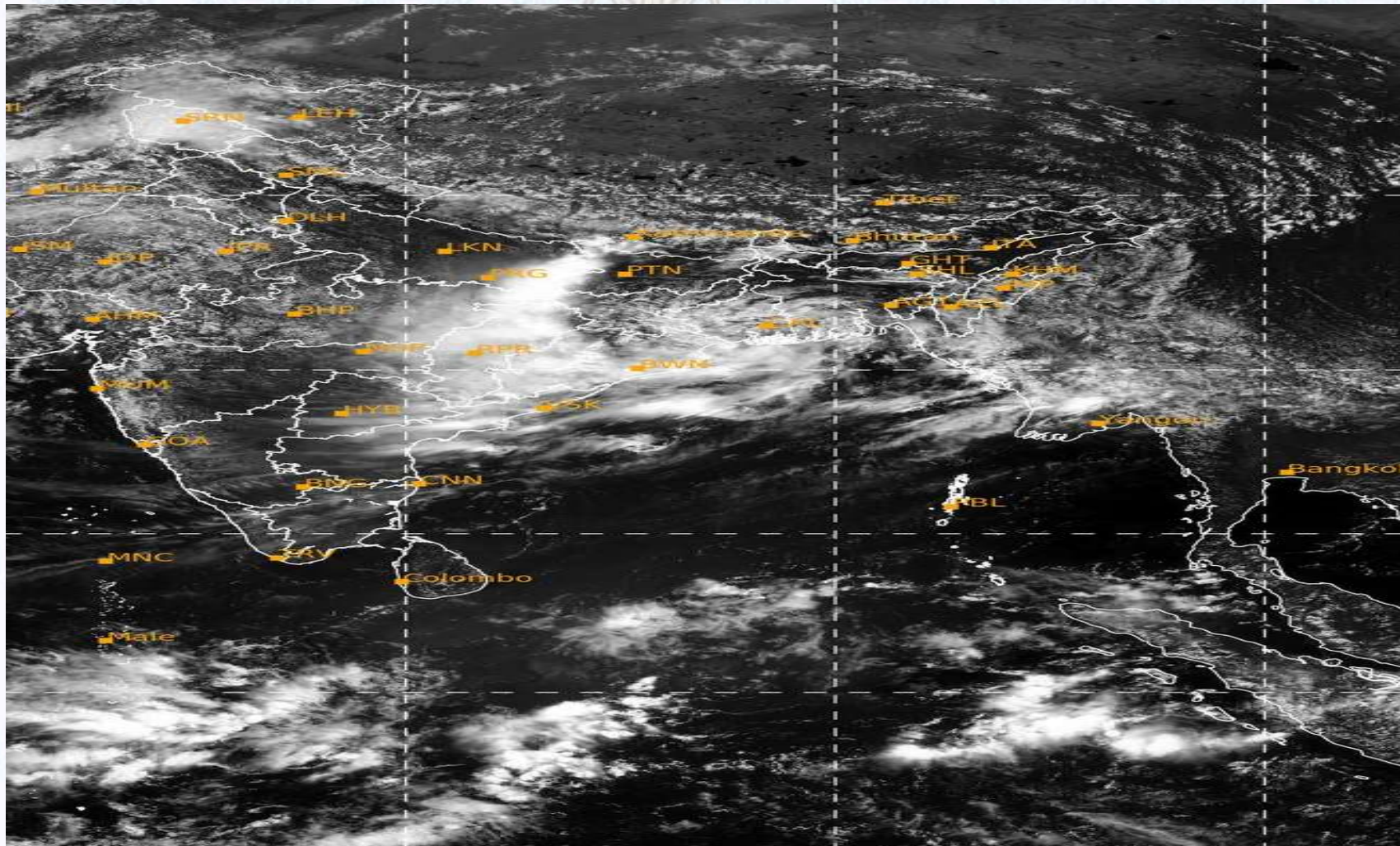


12/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



12/10/2020, 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 12.10.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	TTHE DEPRESSION OVER EAST CENTRAL BAY AND ADJOINING WEST CENTRAL BAY MOVED WEST-NORTHWESTWARDS AND NOW LIES OVER WEST CENTRAL BAY AND ADJOINING EAST CENTRAL BAY. IT WAS CENTERED AT 12,0000 UTC WITHIN HALF A DEGREE OF LAT 15.5°N AND LONG 85.5°E ® LAT 15.5°N AND LONG 85.5°E. IT IS LIKELY TO INTENSIFY FURTHER AND MOVE IN A WEST/NORTH WESTERLY DIRECTION. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	EAST/SOUTH-EASTERLY 10-15KTS, TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 12,0000 UTC. CHATTOGRAM =1006 HPA



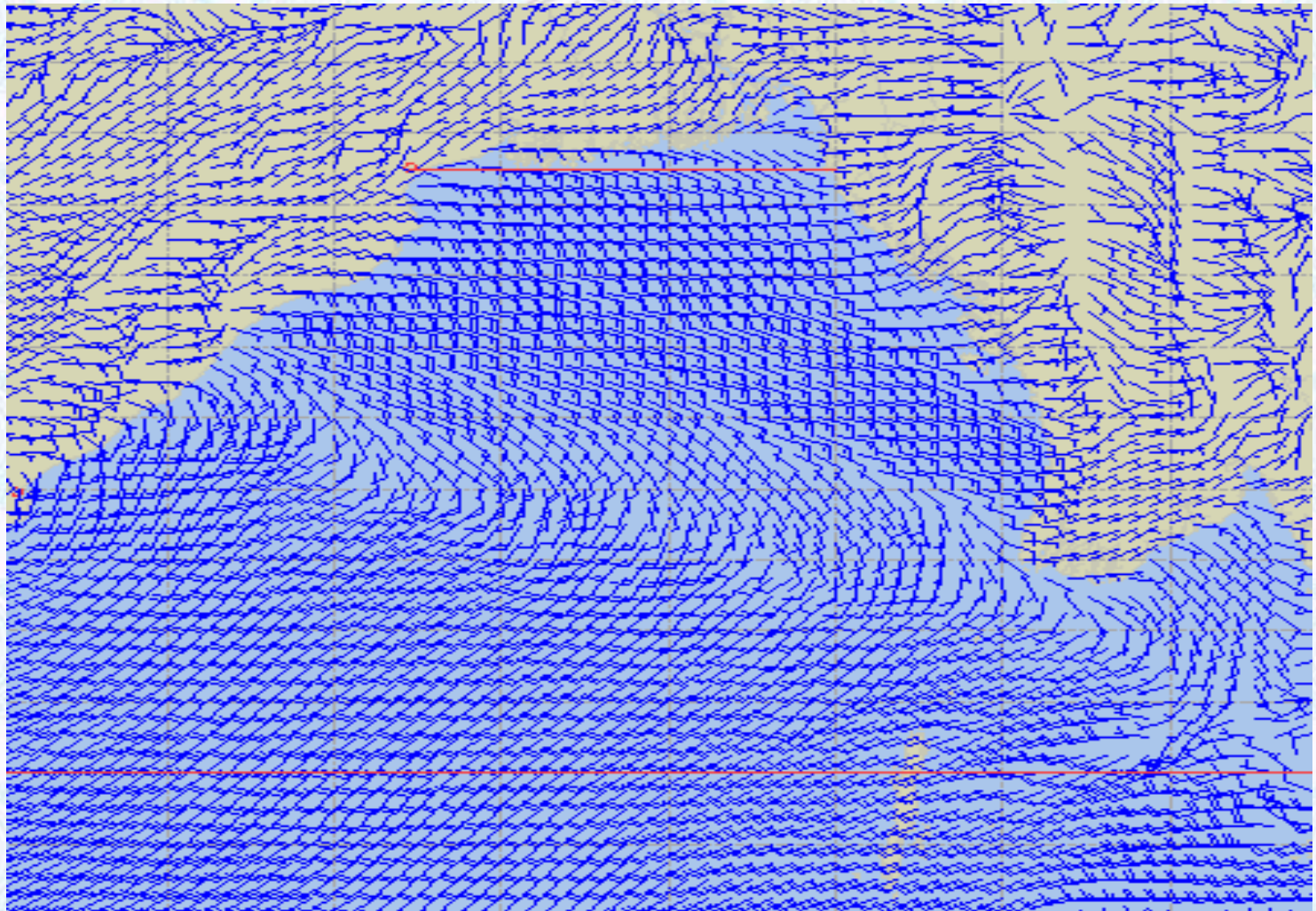
Inland River Port Warning **(VALID TILL 06 PM OF 12.10.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY EAST/SOUTH- EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 13 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



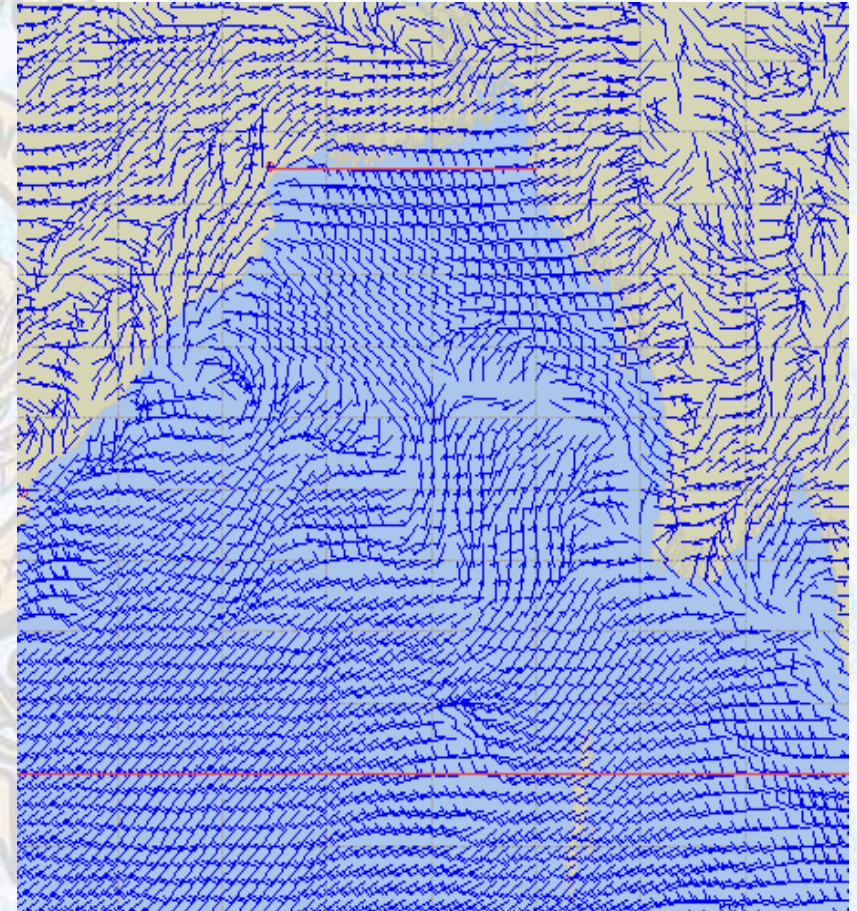
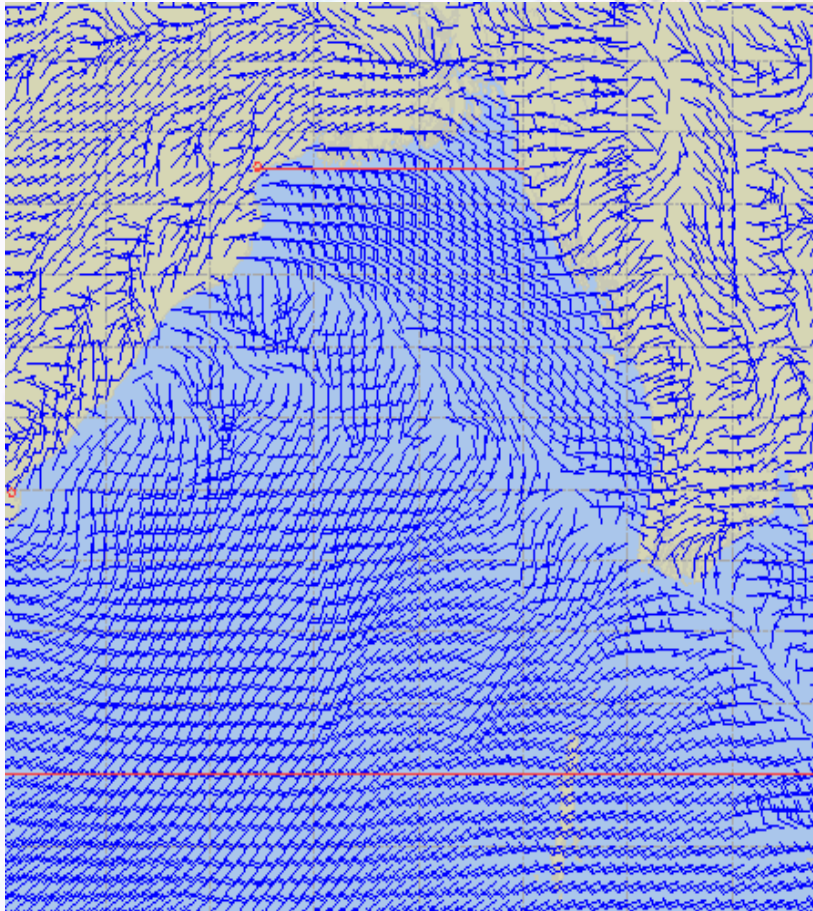
60 Knots



Surface Wind Forecast – 14 & 15 Oct- 2020

14 Oct 20 Wednesday

15 Oct 20 Thursday



Legend:



Calm
Winds



5 Knots



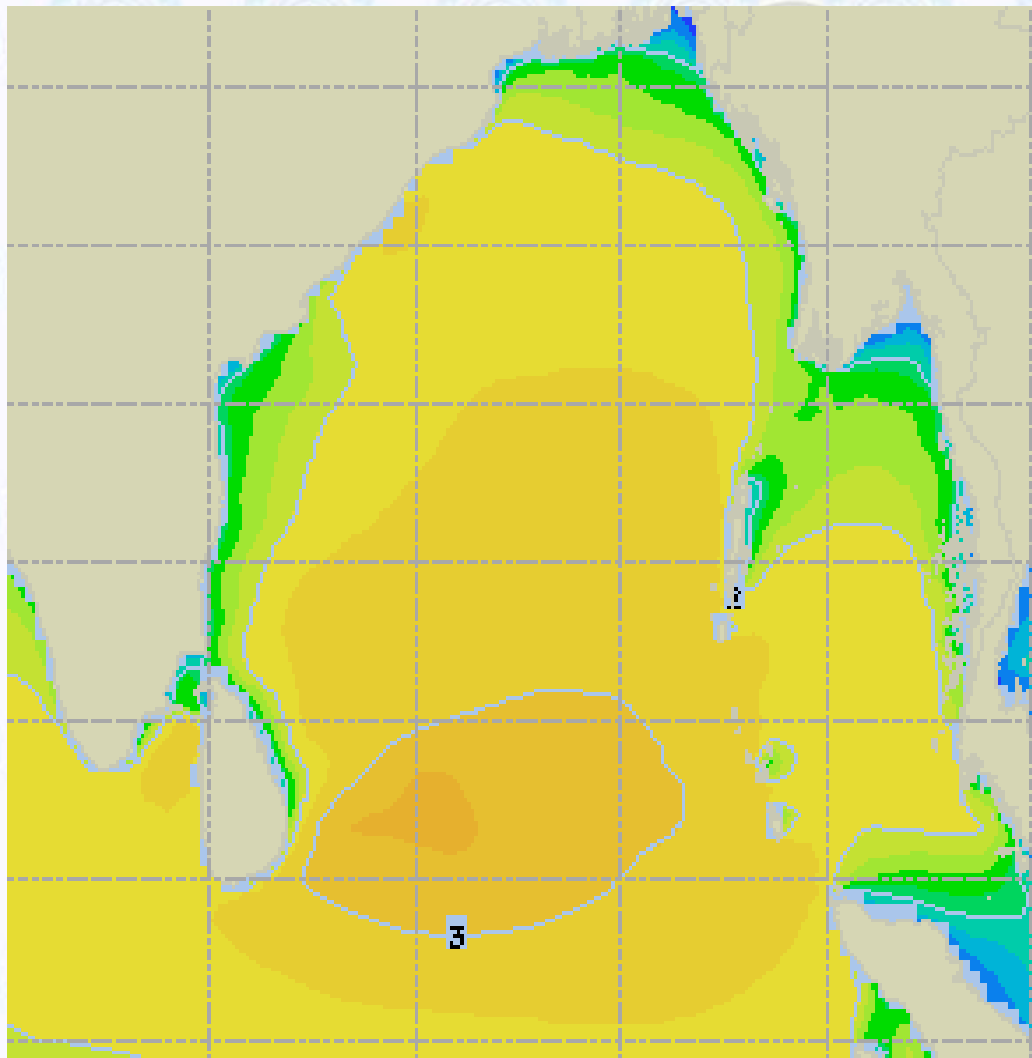
10 Knots



60 Knots



Sea State Forecast – 13 Oct- 2020



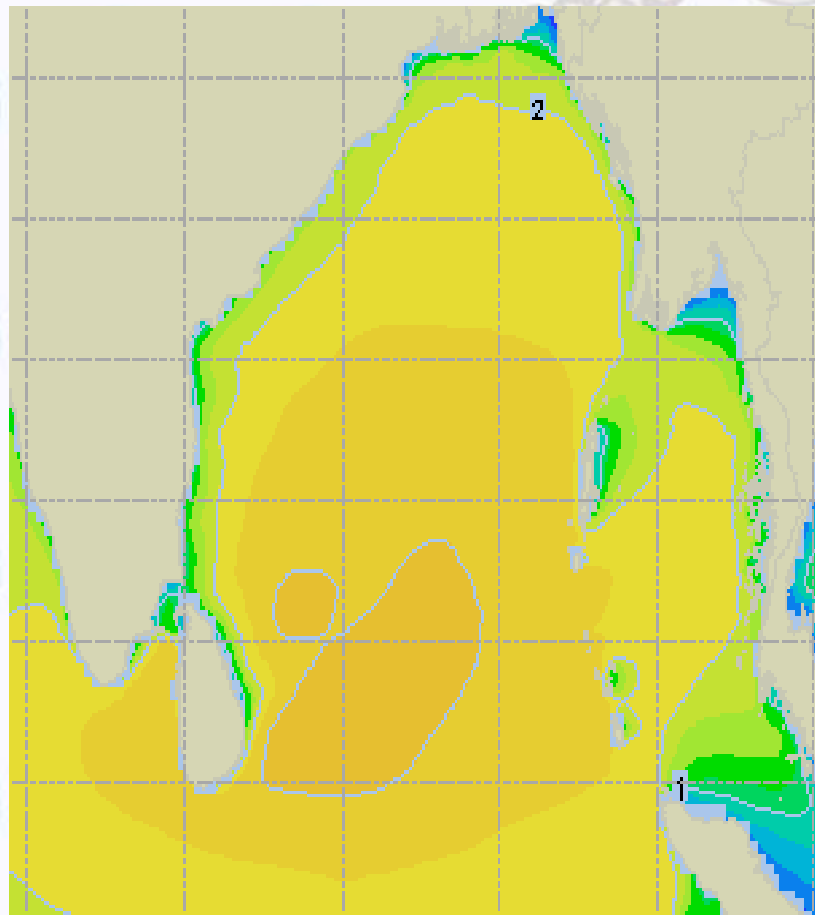
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



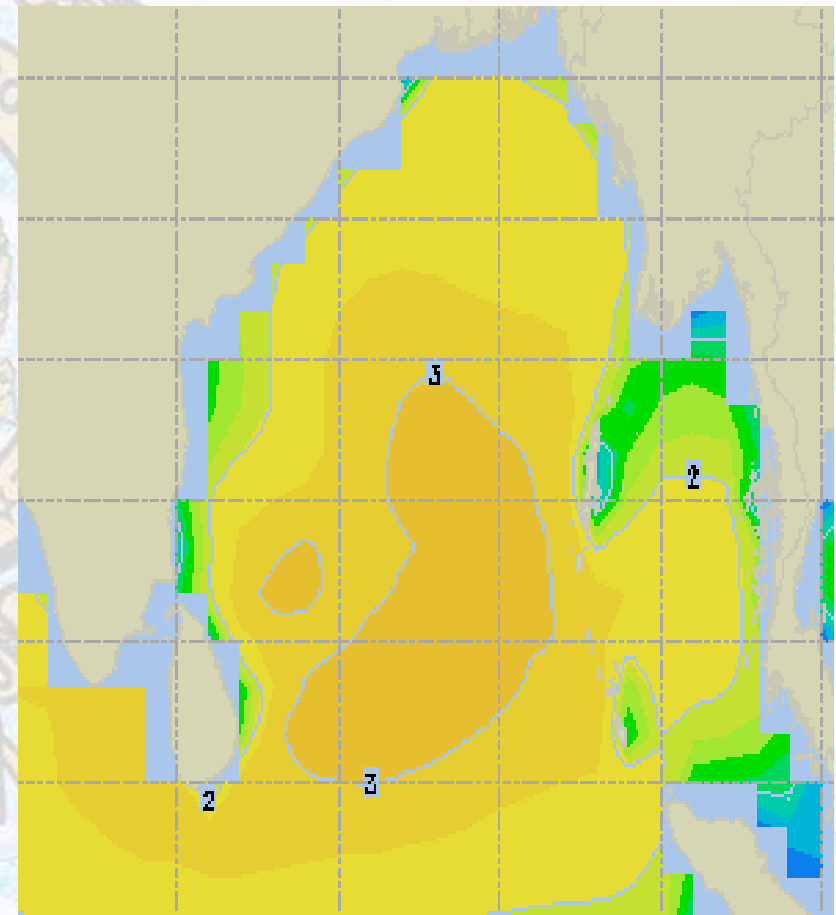


Sea State Forecast – 14 & 15 Oct- 2020

14 Oct 20 Wednesday



15 Oct 20 Thursday

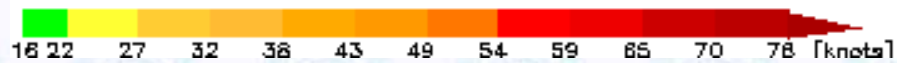
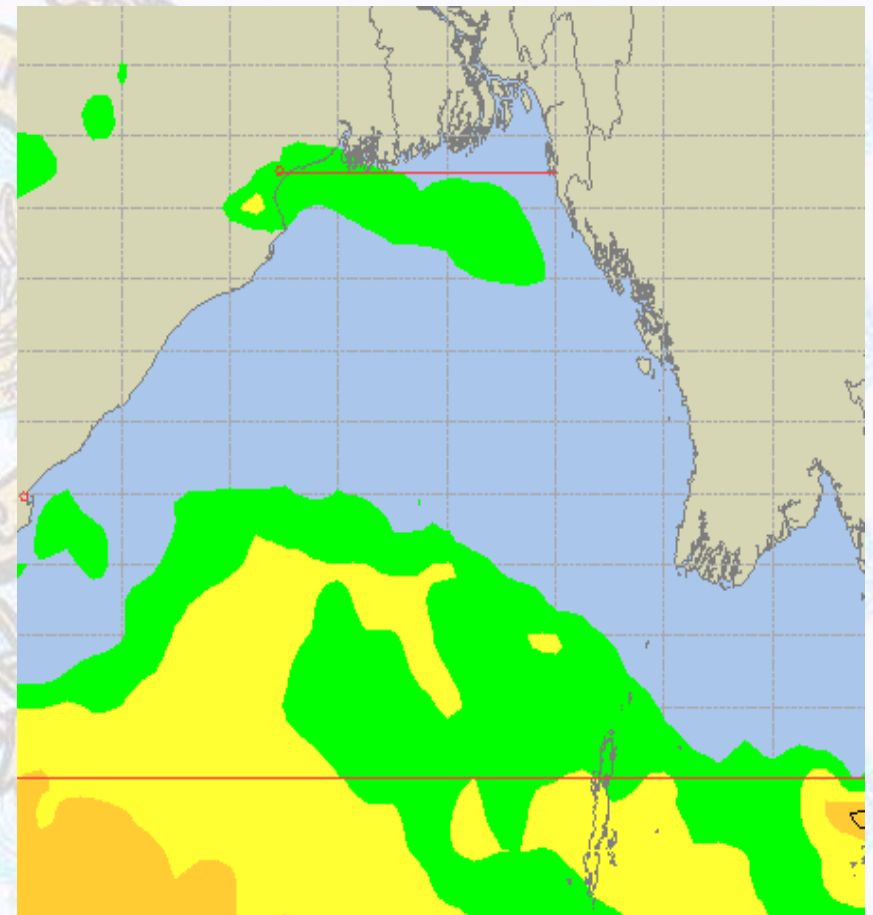
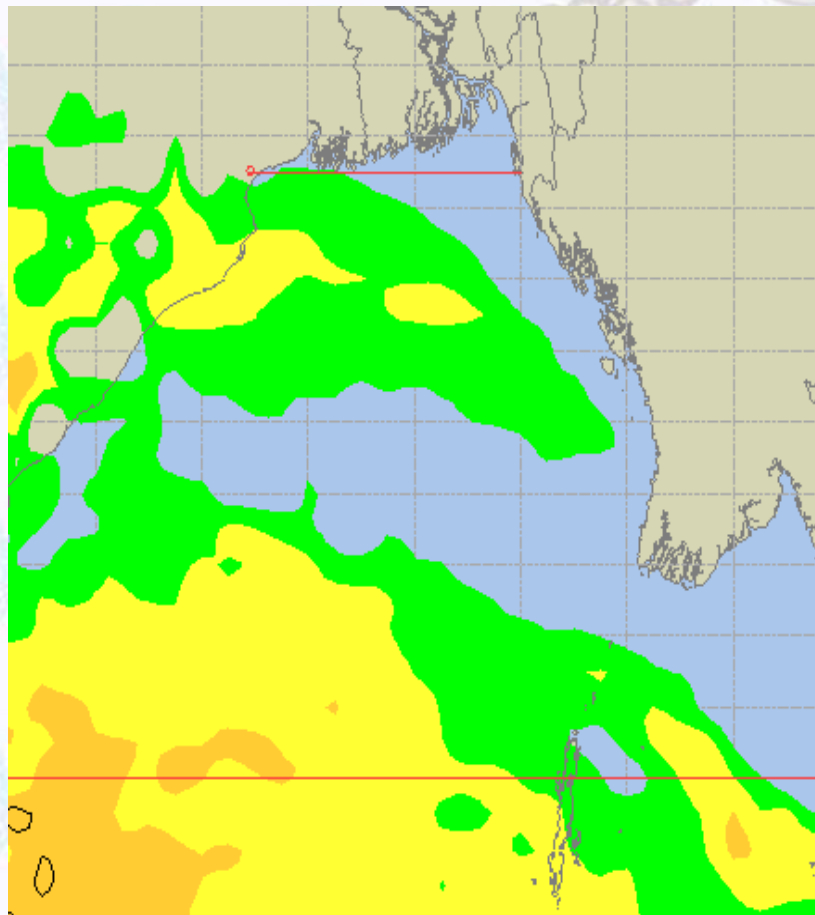




Peak Gusting Possibilities— 13 & 14 Oct 2020

13 Oct 20 Tuesday

14 Oct 20 Wednesday

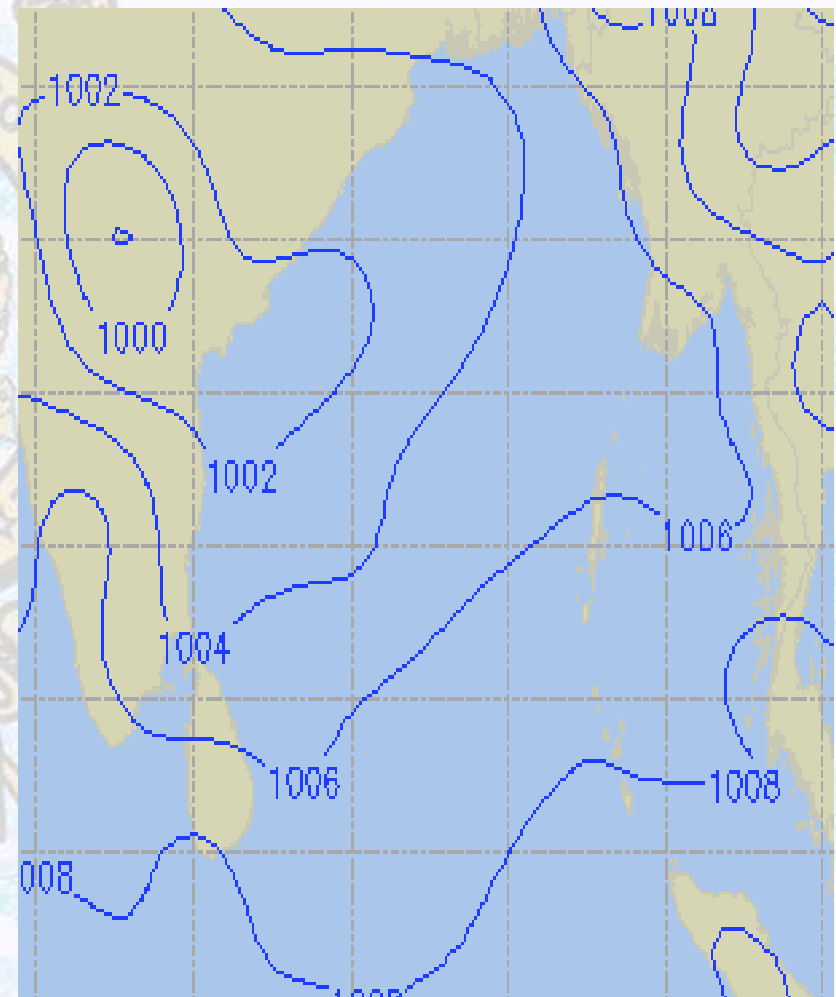
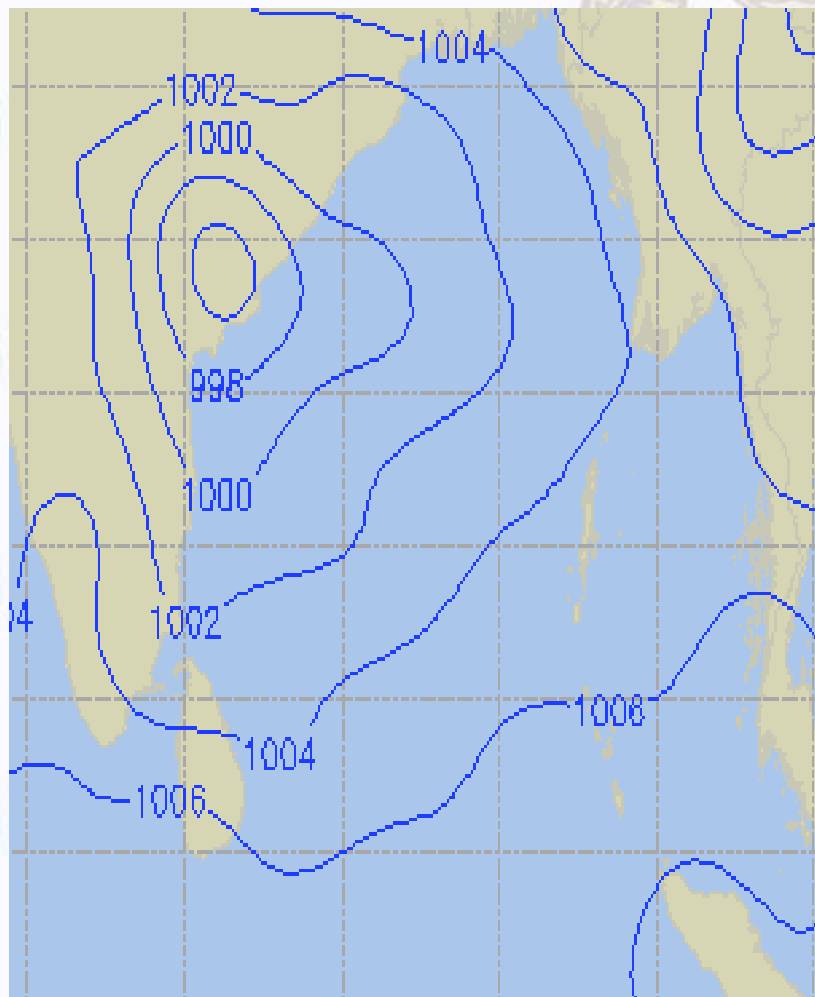




Surface Pressure forecast– 13 & 14 Oct 2020

13 Oct 20 Tuesday

14 Oct 20 Wednesday

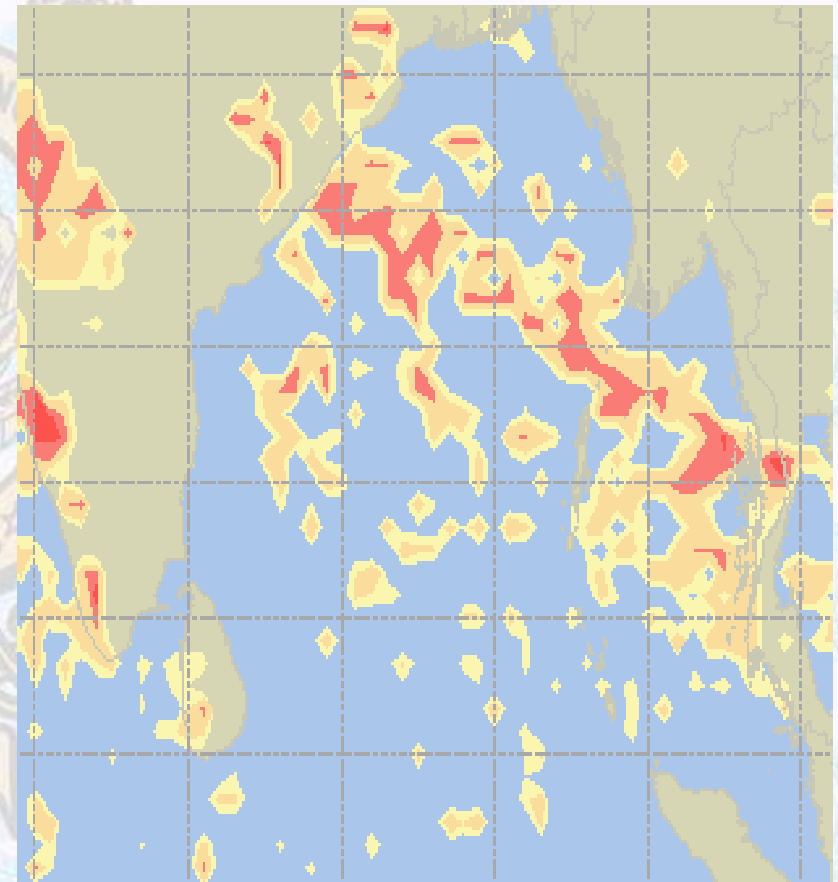
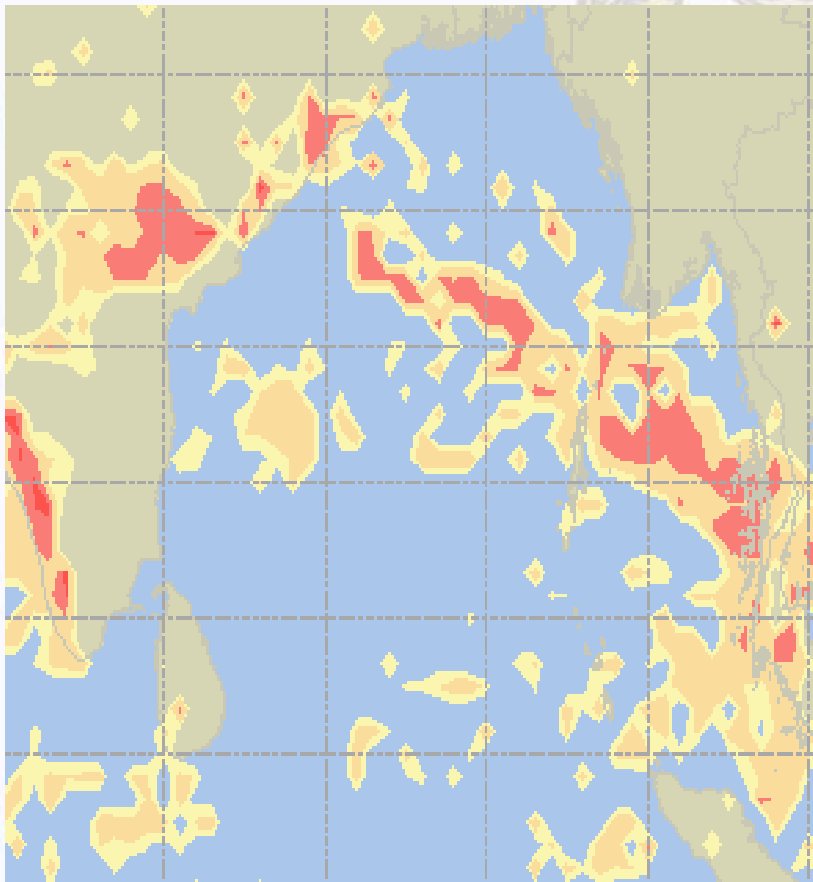




Visibility at Sea Forecast – 13 & 14 Oct 2020

13 Oct 20 Tuesday

14 Oct 20 Wednesday



Visibility Scale:

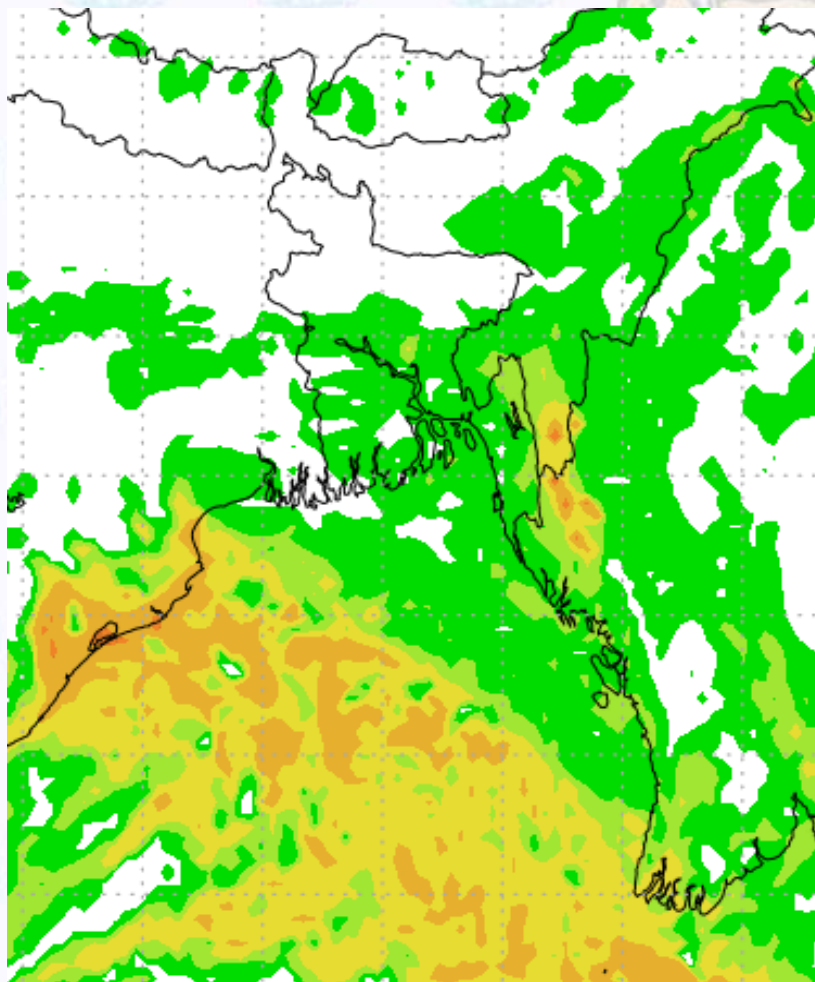


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

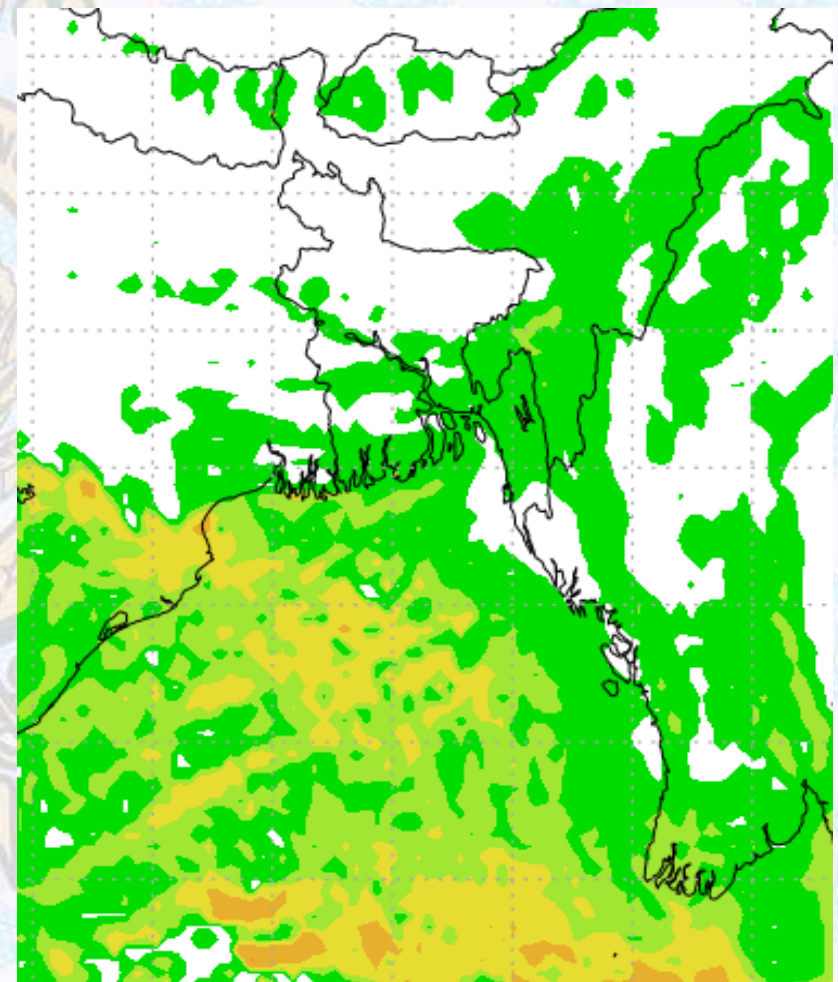


Precipitation

Rain(mm) 13 & 14 Oct 2020



Rain(mm) 14 & 15 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
13 Oct 2020	0357	1.44		0138	1.30		0112	1.37
	0955	4.36		0737	3.01		0728	2.86
	1642	1.08		1417	1.10		1405	1.16
	2241	4.43		2010	3.05		2013	2.84
14 Oct 2020	Time	Height		Time	Height		Time	Height
	0505	1.10		0243	1.10		0220	1.14
	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
15 Oct 2020	Time	Height		Time	Height		Time	Height
	0558	0.77		0336	0.90		0315	0.91
	1141	4.93		0916	3.53		0913	3.21
	1821	0.55		1557	0.73		1540	0.67
	-	-		2139	3.70		2143	3.35