



WEATHER FORECAST FOR BN

17 OCT- 20 OCT 2020





WEATHER FORECAST – DHAKA

17.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 22	33 / 23	30 / 24	29 / 24
Wind	7 km/h NNW	4 km/h WSW	4 km/h NNW	2 km/h NNW
Humidity	62%	61%	73%	77%
Chance of Precip	2%	2%	5%	12%
Cloud Cover	46%	30%	40%	5%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Clear
Sunrise Sunset	05: 57 AM 17: 30 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.54 km

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



WEATHER FORECAST – CHATTOGRAM

17.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	31 / 27	29 / 27	28 / 27
Wind	19 km/h SW	8 km/h SW	5 km/h SSE	5 km/h SE
Humidity	73%	79%	85%	86%
Chance of Precip.	7%	10%	32%	24%
Cloud Cover	30%	11%	35%	50%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy
Sunrise	05: 50 AM			
Sunset	17: 25 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

17.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 27	33 / 27	30 / 27	29 / 27
Wind	6 km/h N	6 km/h NNW	3 km/h S	2 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	Clear
Sunrise Sunset	05: 59 AM 17: 34 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	18 Oct 2020	19 Oct 2020	20 Oct 2020
Temperature (C)	33 °C/ 27 °C	32 °C/ 26 °C	32 °C/ 26 °C
Summary	Partly Cloudy	Partly Cloudy	Mostly Cloudy
Sun Rise/Set	5h57m00s/17h30m06s	5h57m54s/17h28m30s	5h57m54s/17h28m30s
Day Length	11h33m06s	11h30m36s	11h30m36s
Moon Rise/ Set	7:19AM 6:54PM	8:26AM 7:43PM	9:34AM 8:35PM
Moon Phase/ illu	Waxing Crescent, 5%	Waxing Crescent, 12%	Waxing Crescent, 22%
Nautical Twilight	05:07, 18:21	05:07, 18:21	05:07, 18:21
Civil Twilight	05:34, 17:54	05:34, 17:54	05:34, 17:54
Humidity	D : 71% N : 81%	D : 70% N : 81%	D : 70% N : 81%
Barometer (mb)	1005	1005	1006
Visibility	Good	Good	Good
Precip Chance	20%	20%	30%
Wind (mph)	6 Km/h S	5 Km/h NNW	6 Km/h ESE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	18 Oct 2020	19 Oct 2020	20 Oct 2020
Temperature (C)	31 °C/ 27 °C	32 °C/ 27 °C	31 °C/ 26 °C
Summary	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h50m00s/17h25m30s	5h50m48s/17h23m54s	5h50m48s/17h23m54s
Day Length	11h35m30s	11h33m06s	11h33m06s
Moon Rise/ Set	7:11AM 6:50PM	8:18AM 7:39PM	9:34AM 8:35PM
Moon Phase/ illu	Waxing Crescent, 5%	Waxing Crescent, 12%	Waxing Crescent, 22%
NauticalTwilight	05: 02 18:15	05: 02 18:15	05: 02 18:15
Civil Twilight	05:27, 17:49	05:27, 17:49	05:27, 17:49
Humidity	D : 81% N : 90%	D : 80% N : 91%	D : 81% N : 91%
Barometer (mb)	1007	1007	1007
Visibility	Good	Good	Good
Precip Chance	40%	40%	70%
Wind (mph)	7 Km/h NW	6 Km/h NW	6 Km/h S

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



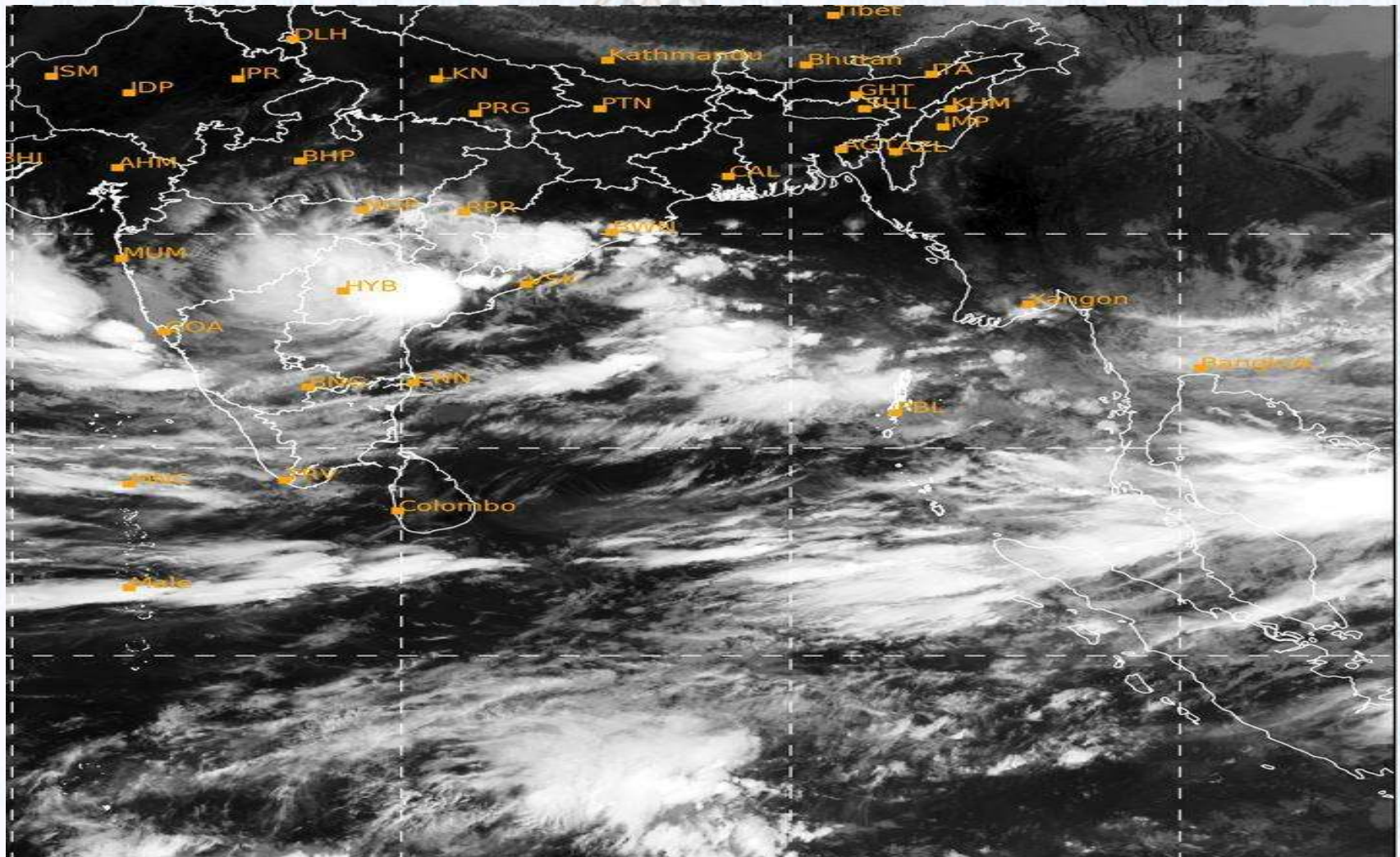
GENERAL WEATHER FORECAST – KHULNA

Description	18 Oct 2020	19 Oct 2020	20 Oct 2020
Temperature(C)	33°C/ 27°C	34°C/ 26°C	31°C/ 26°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h59m36s/17h34m18s	6h00m24s/17h32m36s	6h00m24s/17h32m36s
Day Length	11h34m42s	11h32m12s	11h32m12s
Moon Rise/Set	7:22AM 6:59PM	8:28AM 7:48PM	9:34AM 8:35PM
Moon Phase/illu	Waxing Crescent, 5%	Waxing Crescent, 12%	Waxing Crescent, 22%
Nautical Twilight	05:10, 18:24	05:10, 18:24	05:10, 18:24
Civil Twilight	05:37, 17:58	05:37, 17:58	05:37, 17:58
Humidity	D : 80% N : 92%	D : 79% N : 92%	D : 83% N : 92%
Barometer (mb)	1006	1007	1007
Visibility	Good	Good	Good
Precip Chance	60%	60%	80%
Wind (mph)	6 km/h ESE	7 km/h ENE	10 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

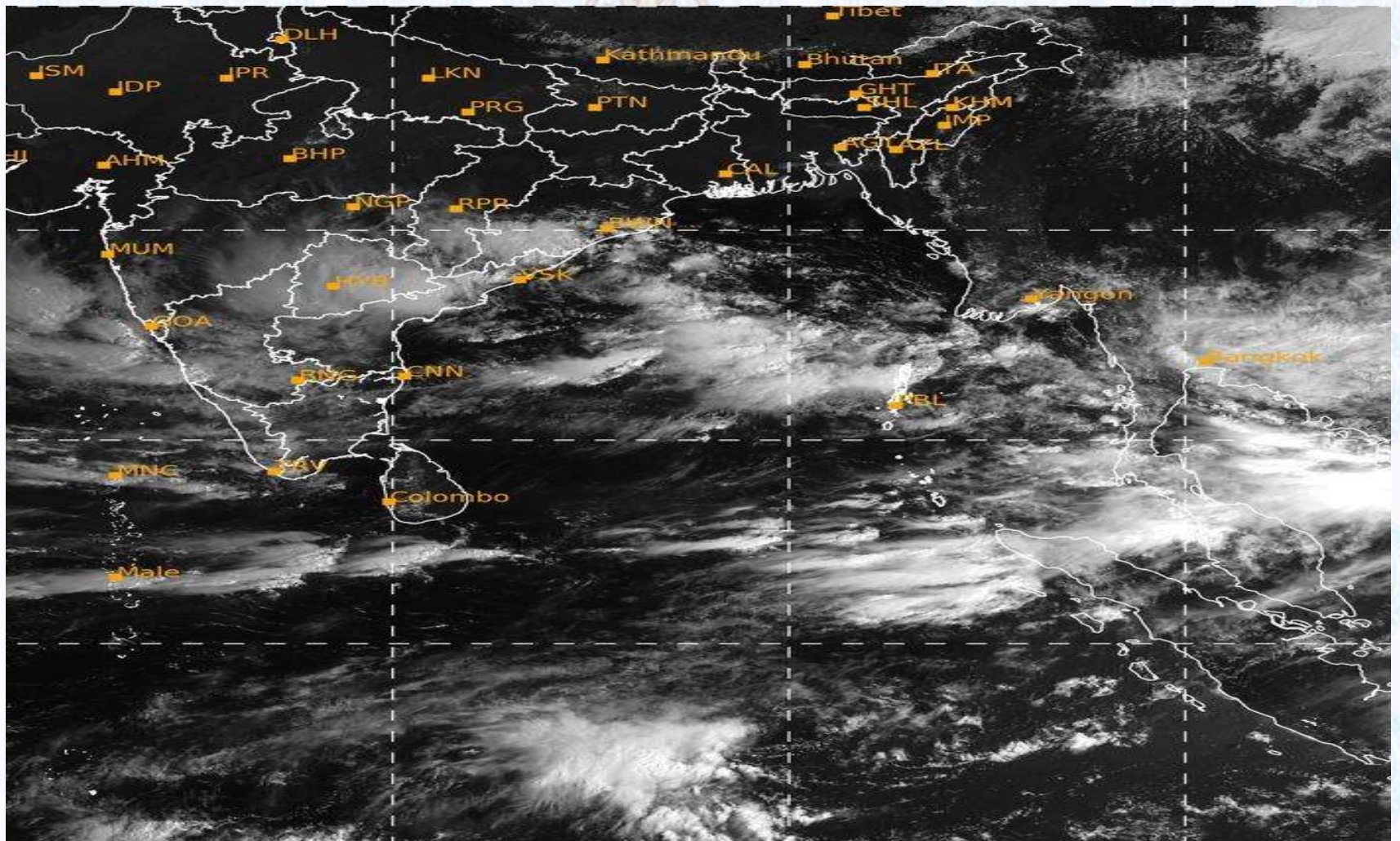


17/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



17/10/2020, 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 17.10.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK OVER NORTH BAY	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90..
	Wind	EAST/SOUTH-EASTERLY, 08-12 KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 17,0000 UTC. CHATTOGRAM =1008 HPA



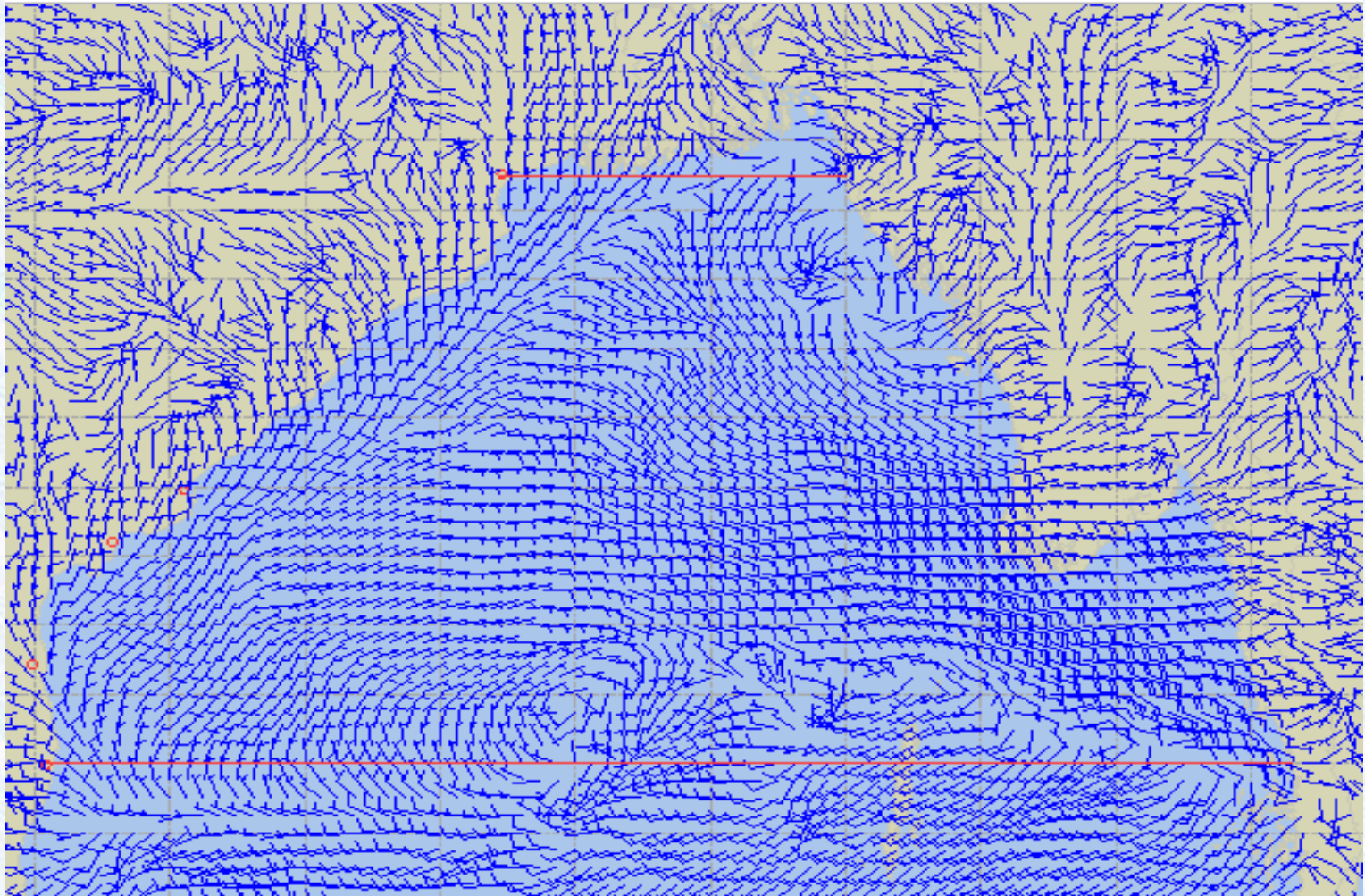
Inland River Port Warning (VALID TILL 06 PM OF 17.10.2020)

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

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



Surface Wind Forecast- 18 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



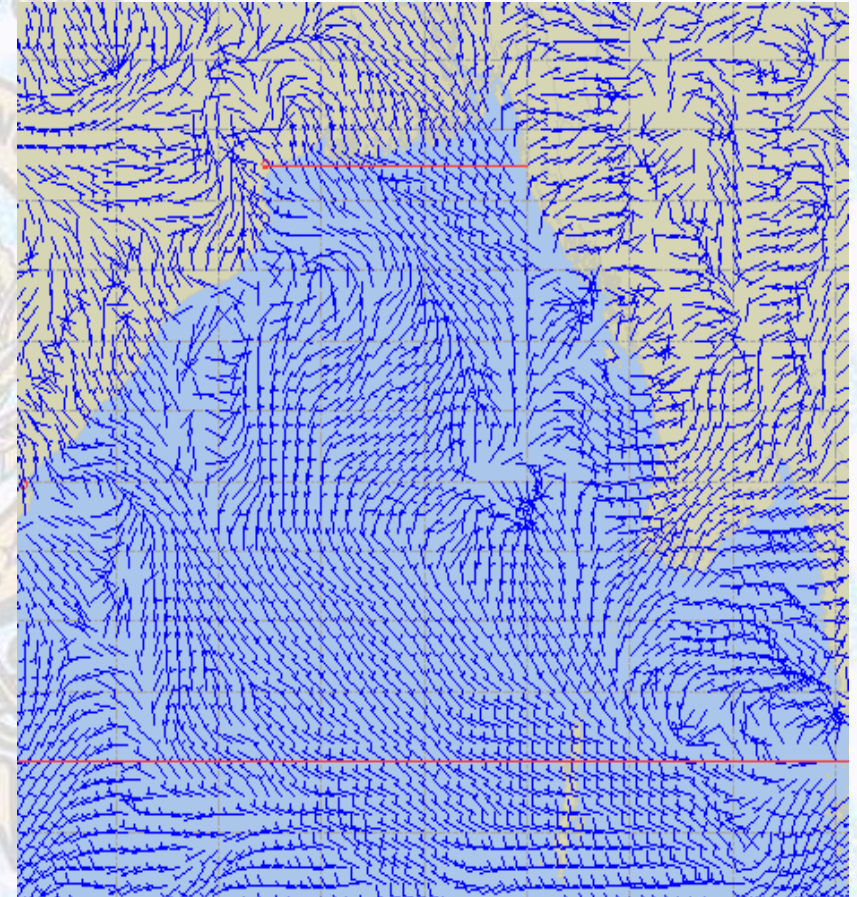
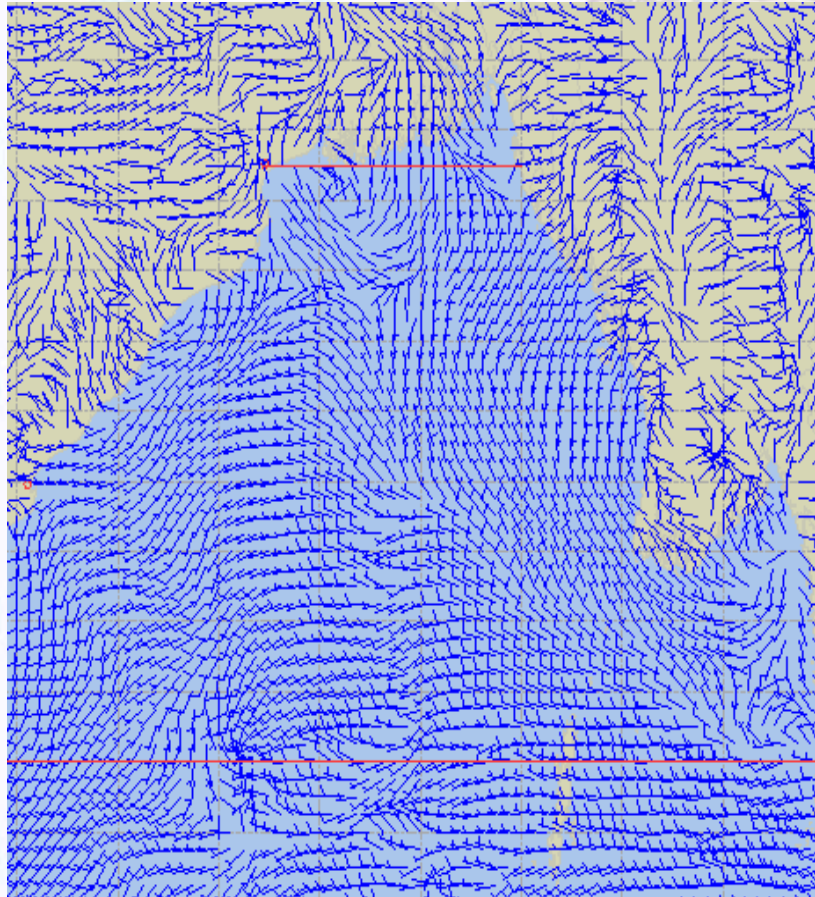
60 Knots



Surface Wind Forecast – 19 & 20 Oct- 2020

19 Oct 20 Monday

20 Oct 20 Tuesday



Legend:



Calm
Winds



5 Knots



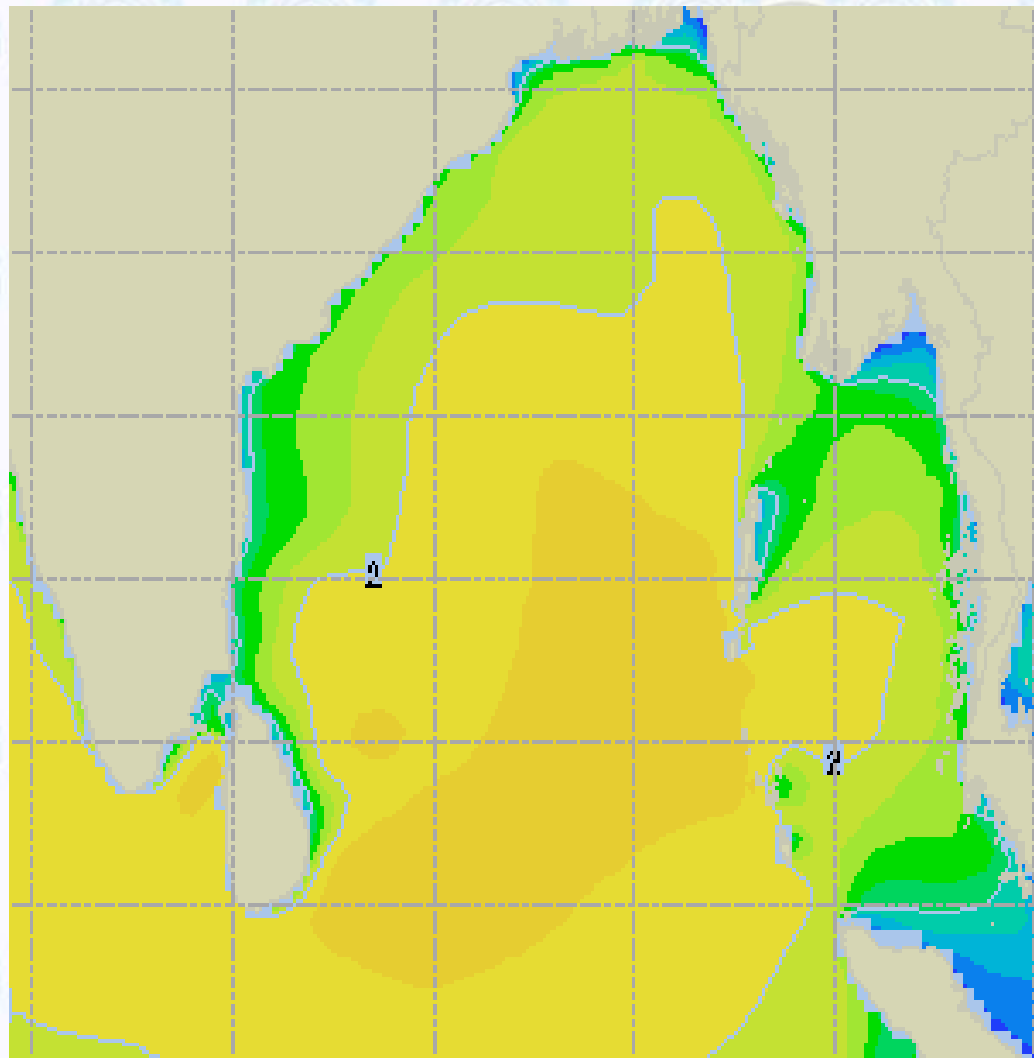
10 Knots



60 Knots



Sea State Forecast – 18 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

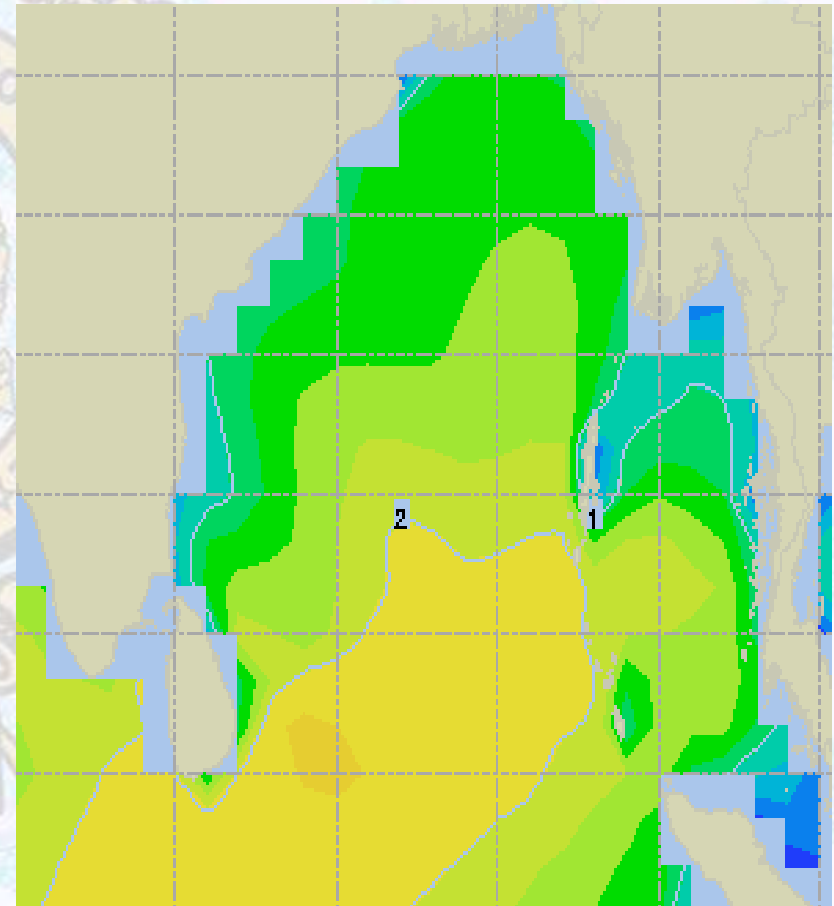
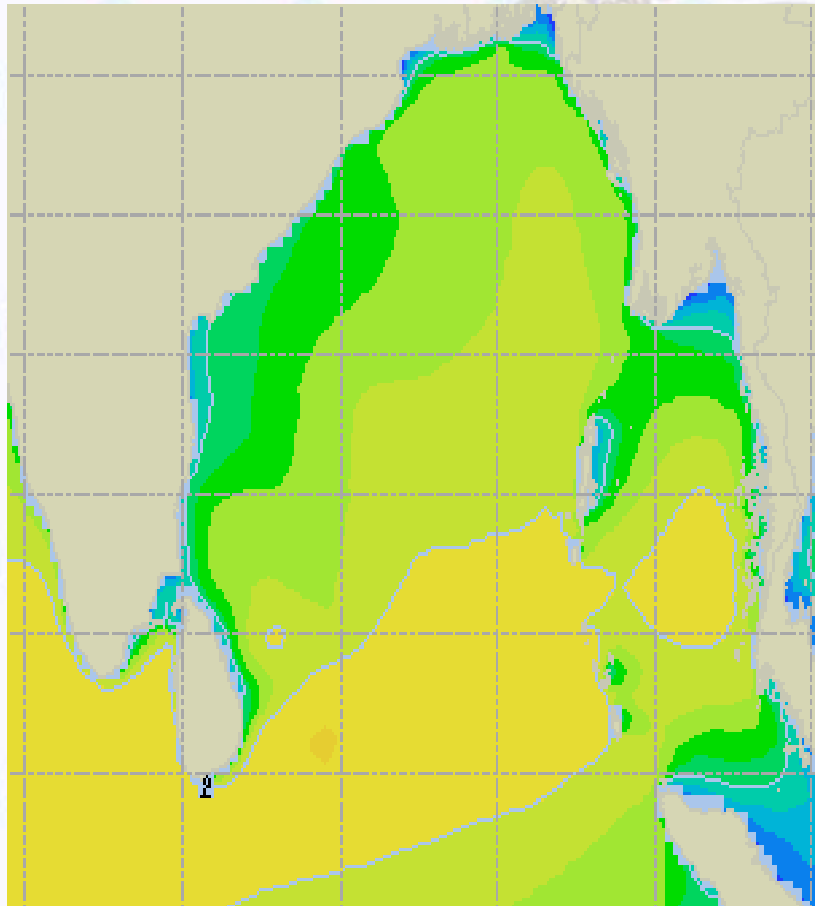




Sea State Forecast – 19 & 20 Oct- 2020

19 Oct 20 Monday

20 Oct 20 Tuesday

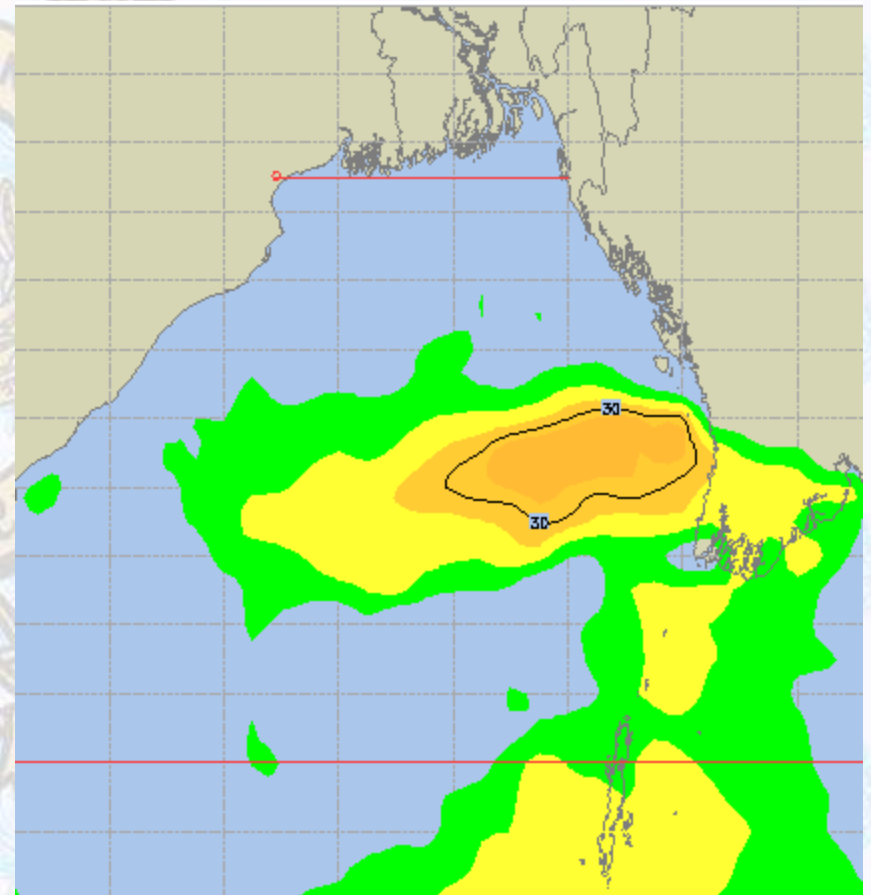
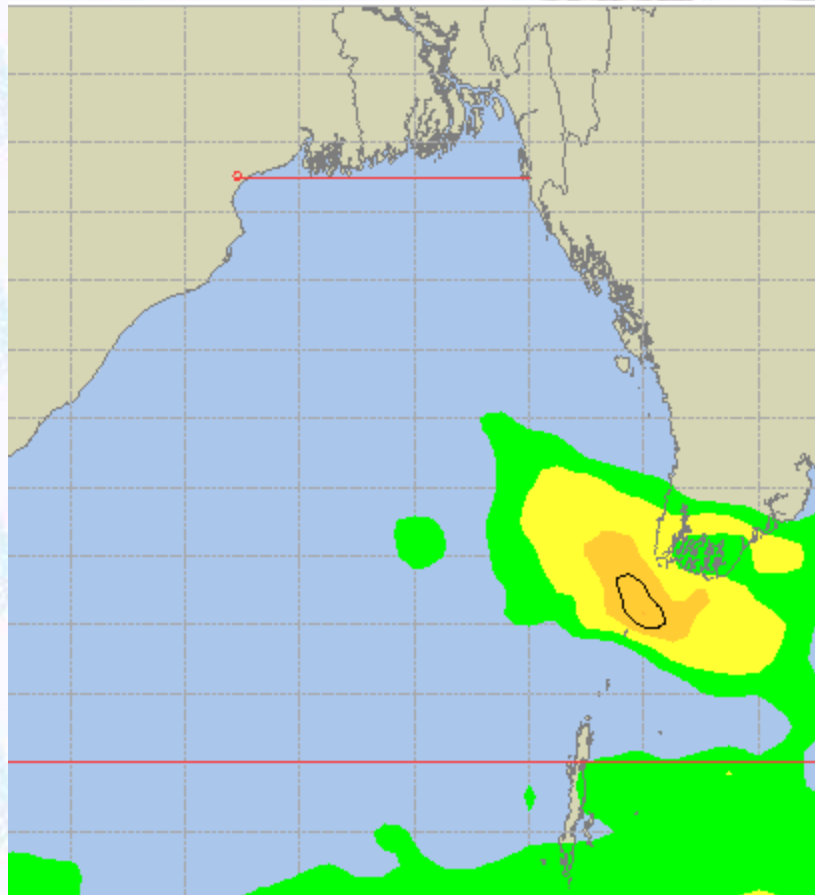




Peak Gusting Possibilities— 18 & 19 Oct 2020

18 Oct 20 Sunday

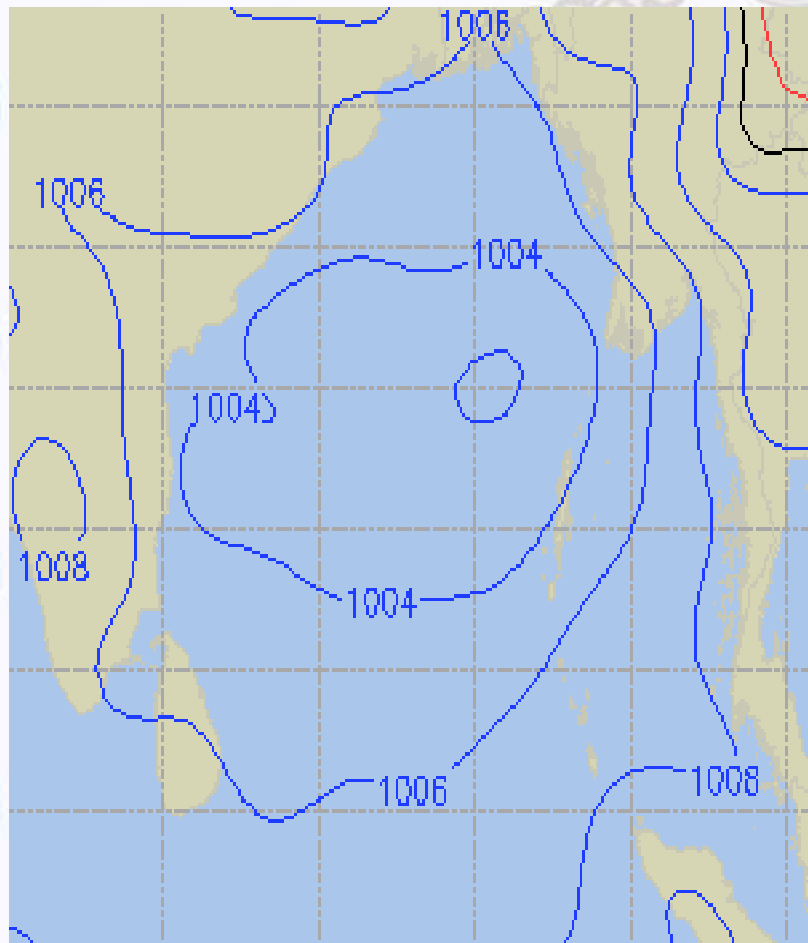
19 Oct 20 Monday



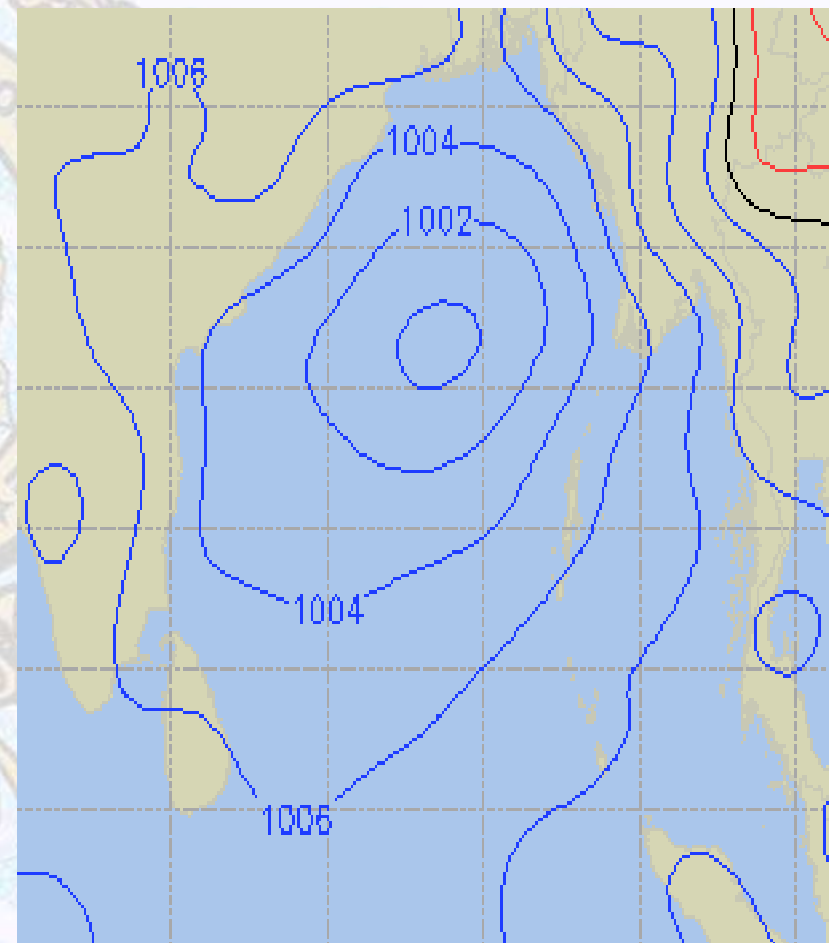


Surface Pressure forecast– 18 & 19 Oct 2020

18 Oct 20 Sunday



19 Oct 20 Monday

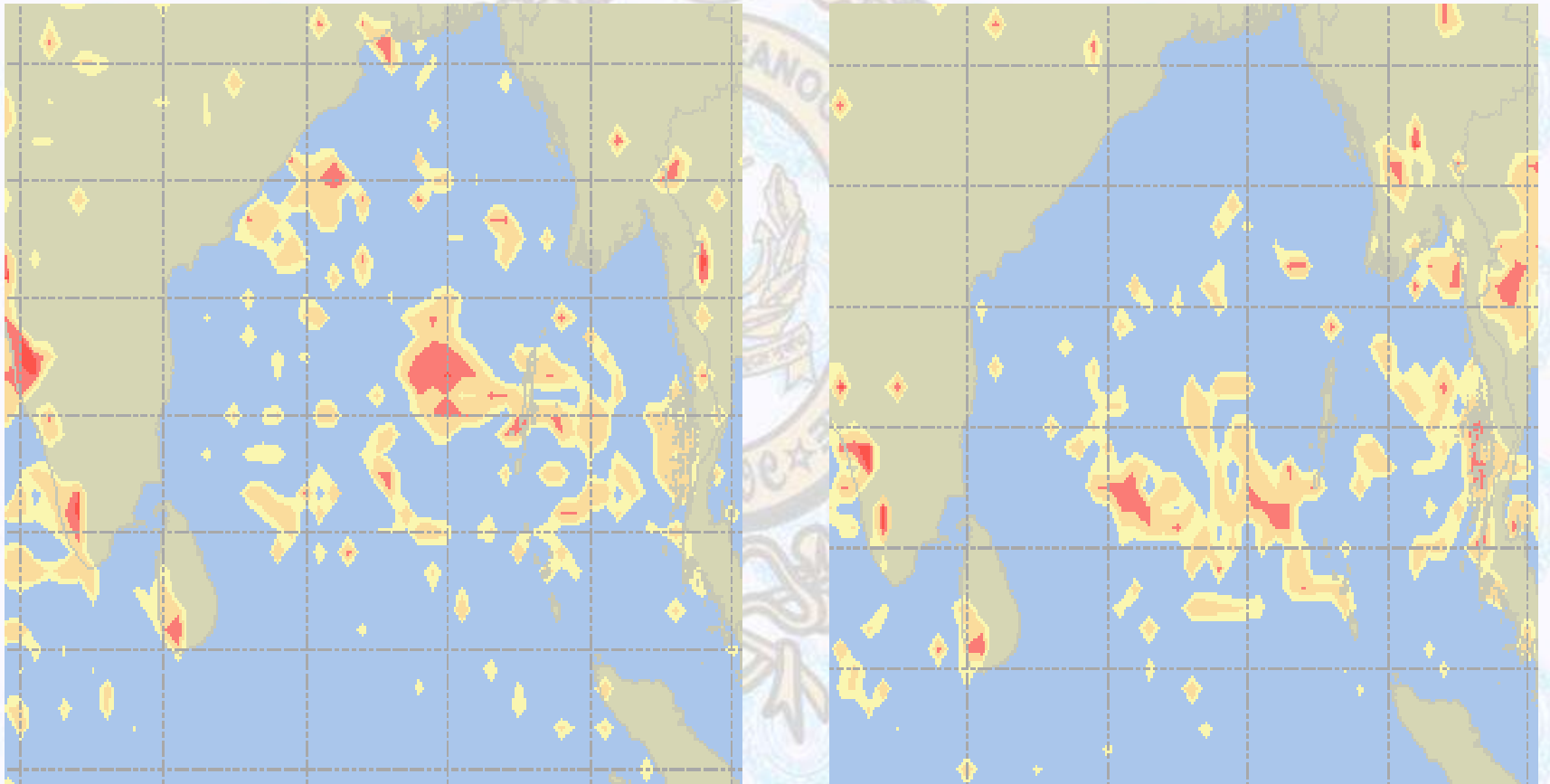




Visibility at Sea Forecast – 18 & 19 Oct 2020

18 Oct 20 Sunda

19 Oct 20 Monday



Visibility Scale:

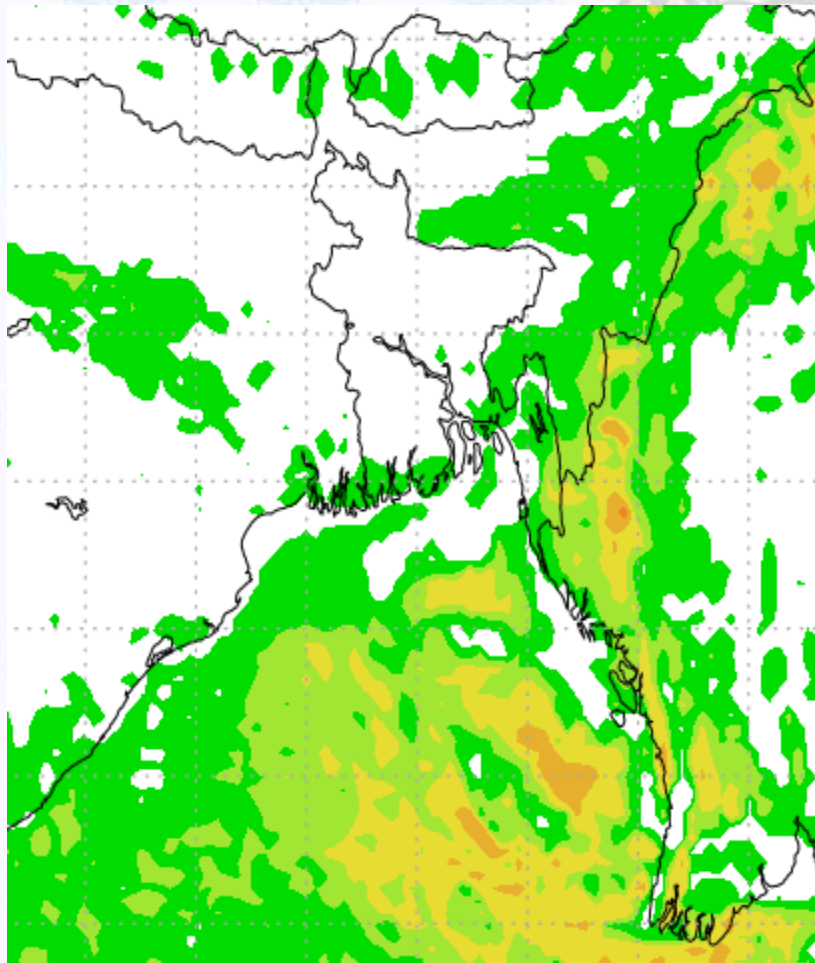


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

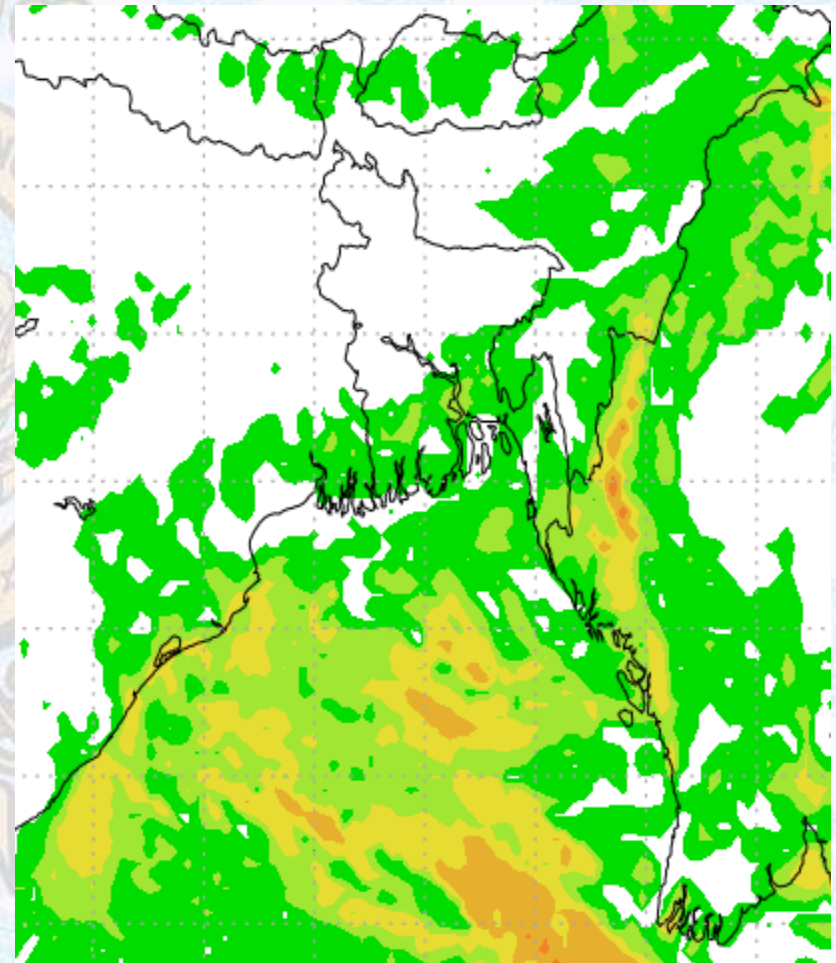


Precipitation

Rain(mm) 18 & 19 Oct 2020



Rain(mm) 19 & 20 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
18 Oct 2020	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
19 Oct 2020	Time	Height		Time	Height		Time	Height
	0204	5.38		0632	0.59		0607	0.63
	0845	0.31		1204	3.60		1158	3.18
	1425	5.03		1847	0.56		1817	0.56
	2057	0.34		-	-		-	-
20 Oct 2020	Time	Height		Time	Height		Time	Height
	0245	5.25		0028	3.76		0020	3.37
	0927	0.42		0714	0.67		0648	0.77
	1510	4.80		1248	3.38		1239	3.01
	2137	0.54		1928	0.69		1855	0.75