



WEATHER FORECAST FOR BN

23 OCT- 26 OCT 2020





WEATHER FORECAST – DHAKA

23.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 24	26 / 24	26 / 23	26 / 23
Wind	18 km/h ESE	19 km/h ESE	14 km/h ESE	13 km/h E
Humidity	93%	91%	84%	84%
Chance of Precip	88%	70%	97%	78%
Cloud Cover	100%	100%	100%	100%
Conditions	Rain	Rain	Rain	Rain
Sunrise Sunset	06: 00 AM 17: 27 PM			

Conditions

Pressure : 1004 hpa

Visibility : 4.54 km

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



WEATHER FORECAST – CHATTOGRAM

23.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	29 / 26	28 / 25	27 / 25
Wind	16 km/h ESE	16 km/h ESE	15 km/h ESE	15 km/h SE
Humidity	83%	84%	87%	86%
Chance of Precip.	24%	30%	46%	28%
Cloud Cover	100%	100%	97%	97%
Conditions	Rain	Rain	Rain	Rain
Sunrise	05: 53 AM			
Sunset	17: 22 PM			

Conditions

Pressure : 1005 hpa

Visibility : 4.85 Km

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



WEATHER FORECAST – KHULNA

23.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 27	27 / 27	26 / 25	26 / 25
Wind	17 km/h ESE	17 km/h ESE	9 km/h E	9 km/h E
Humidity	96%	97%	96%	97%
Chance of Precip.	38%	24%	61%	38%
Cloud Cover	97%	97%	95%	94%
Conditions	Light Rain	Light Rain	Light Rain	Light Rain
Sunrise Sunset	06: 03 AM 17: 31 PM			

Conditions

Pressure : 1006 hpa

Visibility : 6.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	24 Oct 2020	25 Oct 2020	26 Oct 2020
Temperature (C)	28 °C/ 25 °C	31 °C/ 25 °C	31 °C/ 25 °C
Summary	Light Rain	Partly Cloudy	Partly Cloudy
Sun Rise/Set	6h00m36s/17h24m54s	6h00m54s/17h24m00s	6h01m18s/17h23m12s
Day Length	11h24m18s	11h23m06s	11h21m54s
Moon Rise/ Set	- -	2:04PM 12:26AM	2:41PM 01:21AM
Moon Phase/ illu	Waxing Gibbous, 0%	Waxing Gibbous, 64%	Waxing Gibbous, 74%
Nautical Twilight	05:07, 18:21	05:07, 18:22	05:08, 18:22
Civil Twilight	05:34, 17:54	05:35, 17:54	05:35, 17:53
Humidity	D : 82% N : 85%	D : 73% N : 82%	D : 71% N : 81%
Barometer (mb)	1004	1006	1008
Visibility	Good	Good	Good
Precip Chance	50%	20%	20%
Wind (mph)	15 Km/h SW	10 Km/h SW	10 Km/h SW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	24 Oct 2020	25 Oct 2020	26 Oct 2020
Temperature (C)	29° C/ 26° C	30° C/ 25° C	30° C/ 25° C
Summary	Light Rain	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h53m18s/17h20m42s	5h53m36s/17h19m48s	5h54m00s/17h19m06s
Day Length	11h27m24s	11h26m12s	11h25m06s
Moon Rise/ Set	- -	2:04PM 12:22AM	2:33PM 01:17AM
Moon Phase/ illu	Waxing Gibbous, 0%	Waxing Gibbous, 64%	Waxing Gibbous, 74%
NauticalTwilight	05: 02 18:15	05: 02 18:16	05: 03 18:17
Civil Twilight	05:27, 17:49	05:28, 17:49	05:28, 17:48
Humidity	D : 85% N : 91%	D : 83% N : 88%	D : 84% N : 87%
Barometer (mb)	1006	1009	1009
Visibility	Good	Good	Good
Precip Chance	60%	20%	20%
Wind (mph)	20 Km/h S	12 Km/h S	12 Km/h S

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



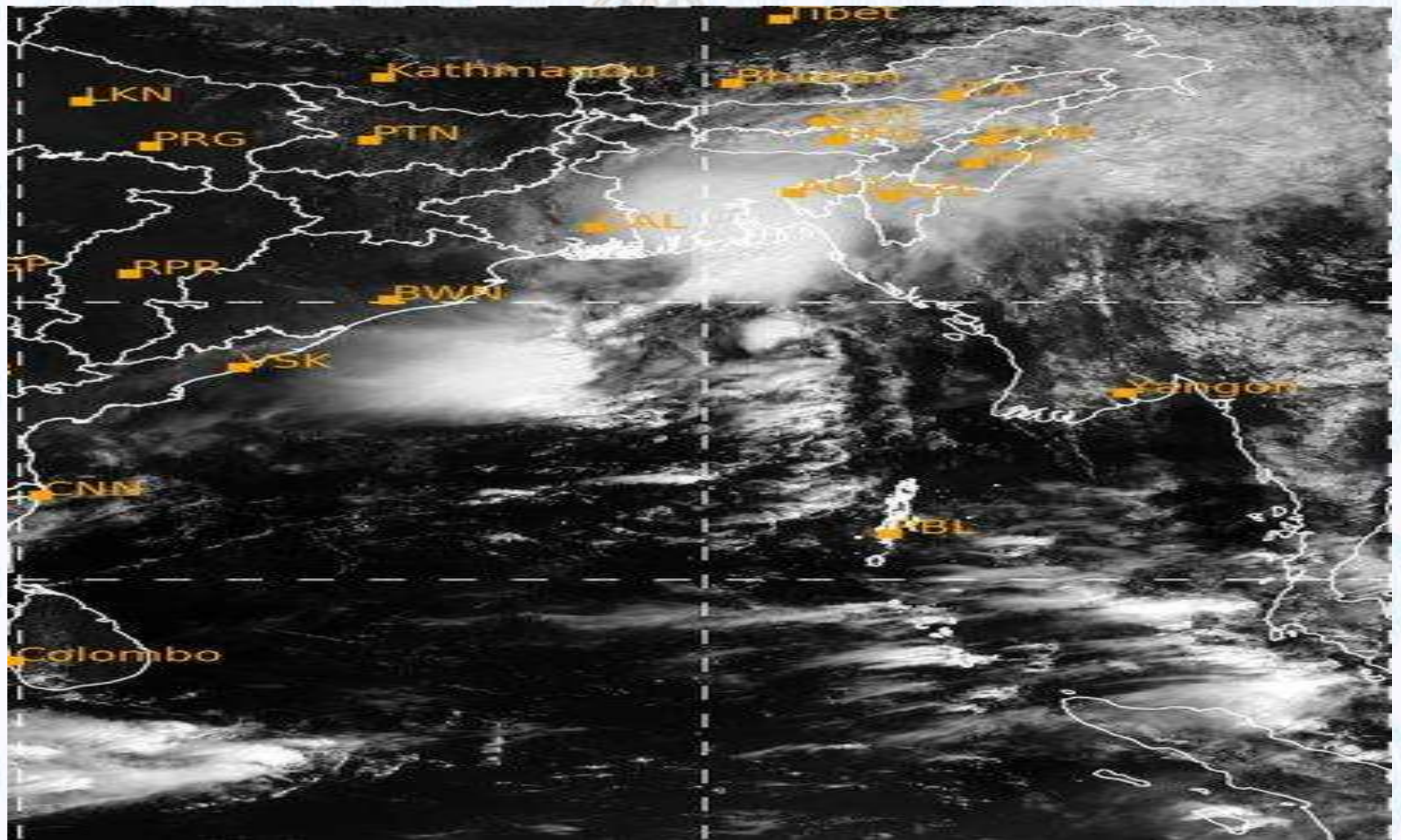
GENERAL WEATHER FORECAST – KHULNA

Description	24 Oct 2020	25 Oct 2020	26 Oct 2020
Temperature(C)	31°C/ 25°C	32°C/ 25°C	32°C/ 25°C
Summary	Cloudy/ Light Rain	Cloudy	Cloudy
Sun Rise/Set	6h03m00s/17h29m18s	6h03m18s/17h28m30s	6h03m36s/17h27m42s
Day Length	11h26m18s	11h25m12s	11h24m06s
Moon Rise/Set	- -	2:04PM 12:22AM	2:43PM 01:26AM
Moon Phase/illu	Waxing Gibbous, 0%	Waxing Gibbous, 64%	Waxing Gibbous, 74%
Nautical Twilight	05:10, 18:24	05:10, 18:25	05:11, 18:24
Civil Twilight	05:37, 17:58	05:38, 17:58	05:39, 17:57
Humidity	D : 84% N : 87%	D : 80% N : 87%	D : 80% N : 87%
Barometer (mb)	1006	1008	1008
Visibility	Good	Good	Good
Precip Chance	30%	20%	20%
Wind (mph)	12 km/h WNW	8 km/h WNW	8 km/h WNW

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



SATELLITE VIEW OF BAY OF BENGAL

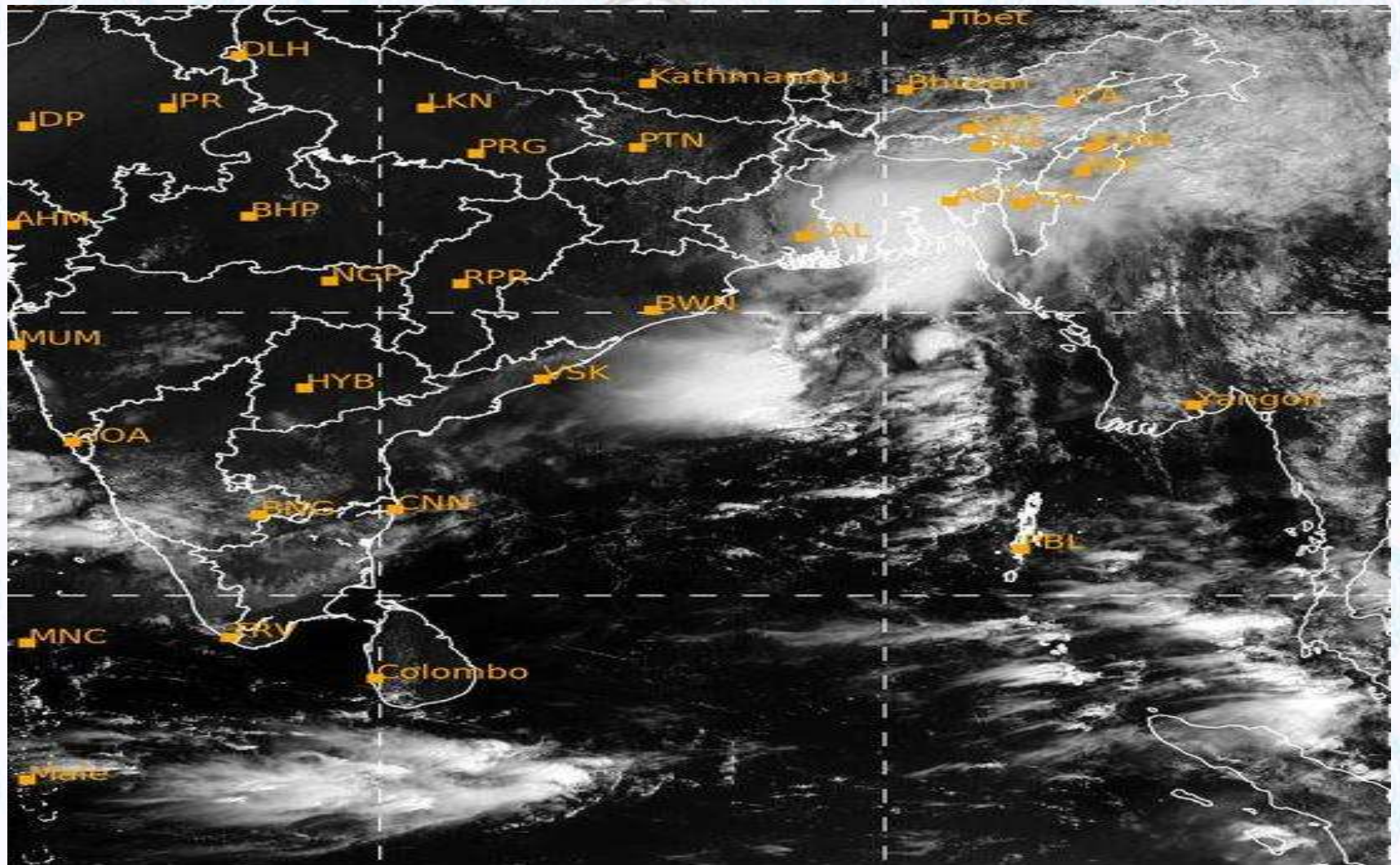


23/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



23/10/2020, 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 23.10.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	THE DEEP DEPRESSION OVER NORTHWEST BAY AND ADJOINING AREA AND MOVED NORTH EASTWARDS OVER THE SAME AND WAS CENTERED AT 23/0000UTC WITHIN HALF A DEGREE OF LAT 21.0 DEG N AND LONG. 88.0 DEG E. IT IS LIKELY TO MOVE NORTHEASTWARDS FURTHER . MONSOON IS STRONG OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-EAST/EASTERLY,(15-20)KTS,TEMPORARY GUSTING TO 35 KTS.
	Visibility	(02-04) KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 23,0000 UTC. CHATTOGRAM =1005 HPA



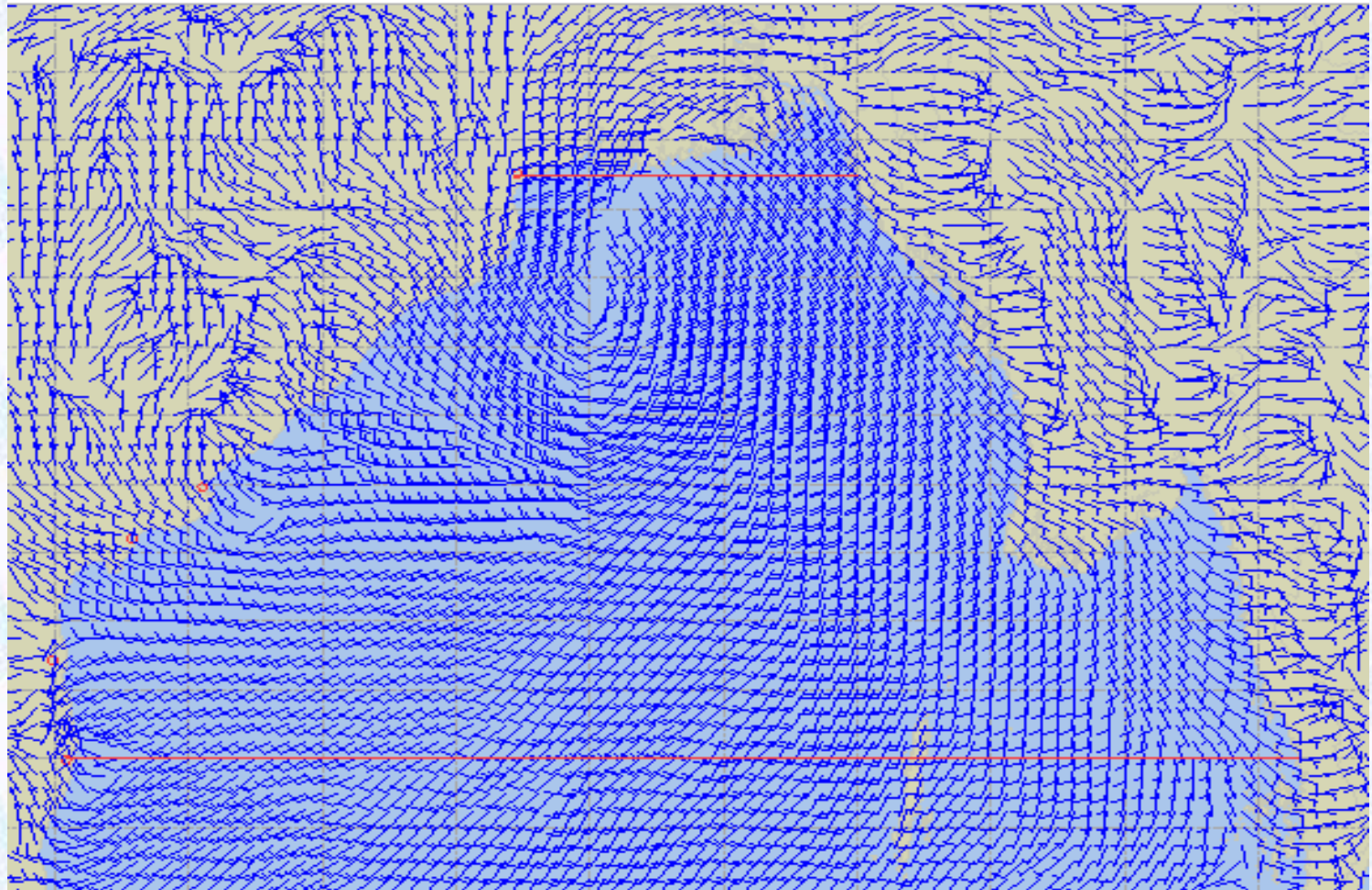
Inland River Port Warning **(VALID TILL 06 PM OF 23.10.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **SOUTH/SOUTH-EASTERLY**, SQUALLS WIND SPEED **60-80** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, PABNA, BOGURA, FARIDPUR, MADARIPUR, DHAKA, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAHKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR, AND YLHET WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. **TWO (R) TWO**.

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



Surface Wind Forecast- 24 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



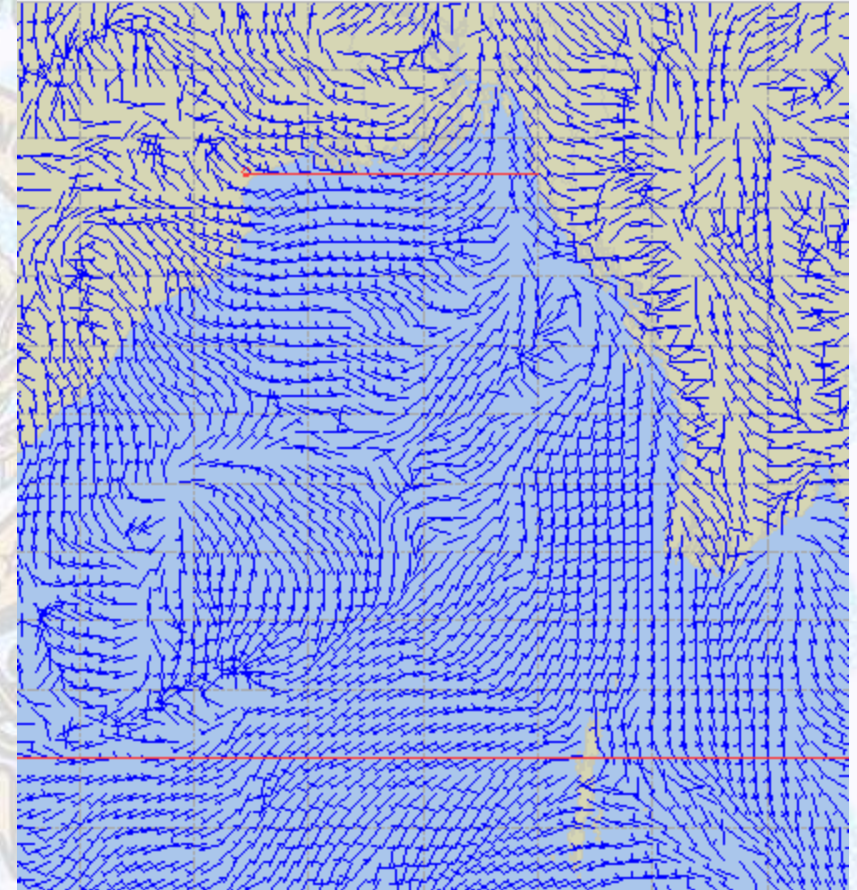
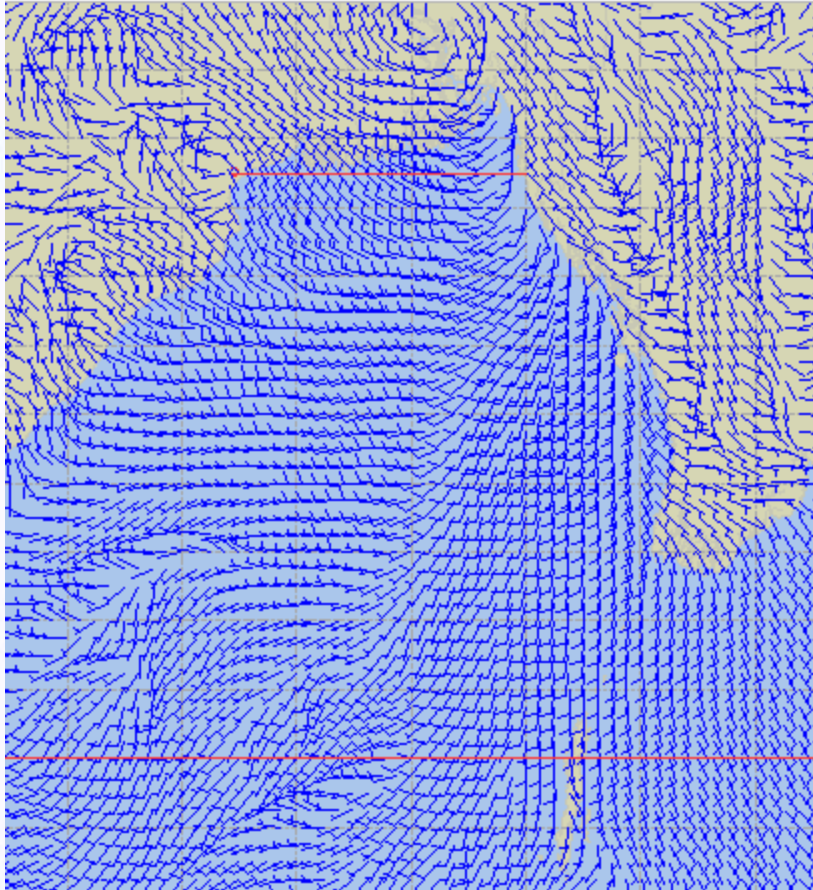
60 Knots



Surface Wind Forecast – 25 & 26 Oct- 2020

25 Oct 20 Sunday

26 Oct 20 Monday



Legend:



Calm
Winds



5 Knots



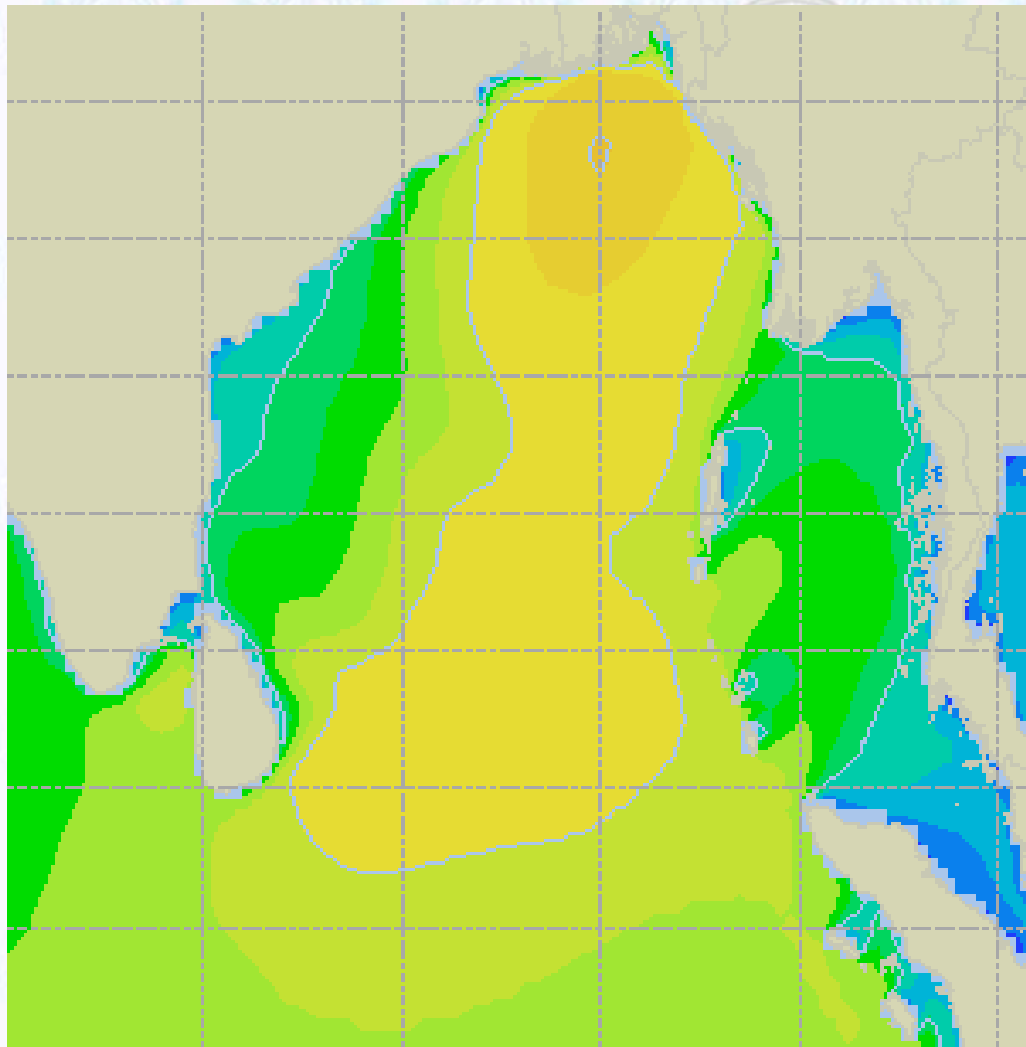
10 Knots



60 Knots



Sea State Forecast – 24 Oct- 2020



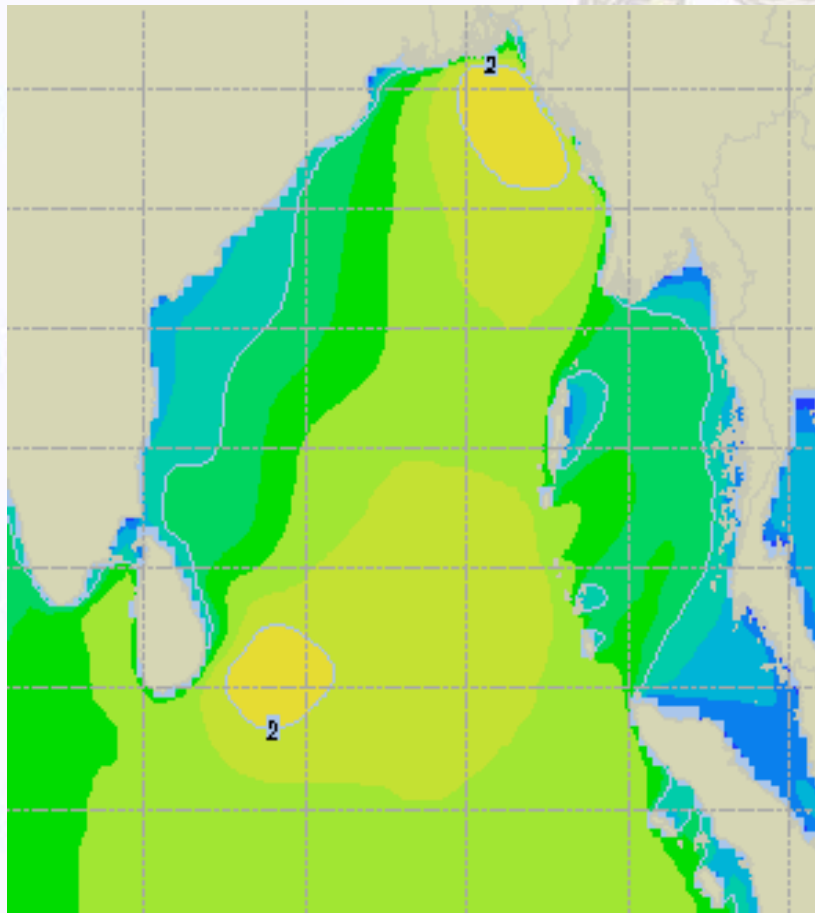
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



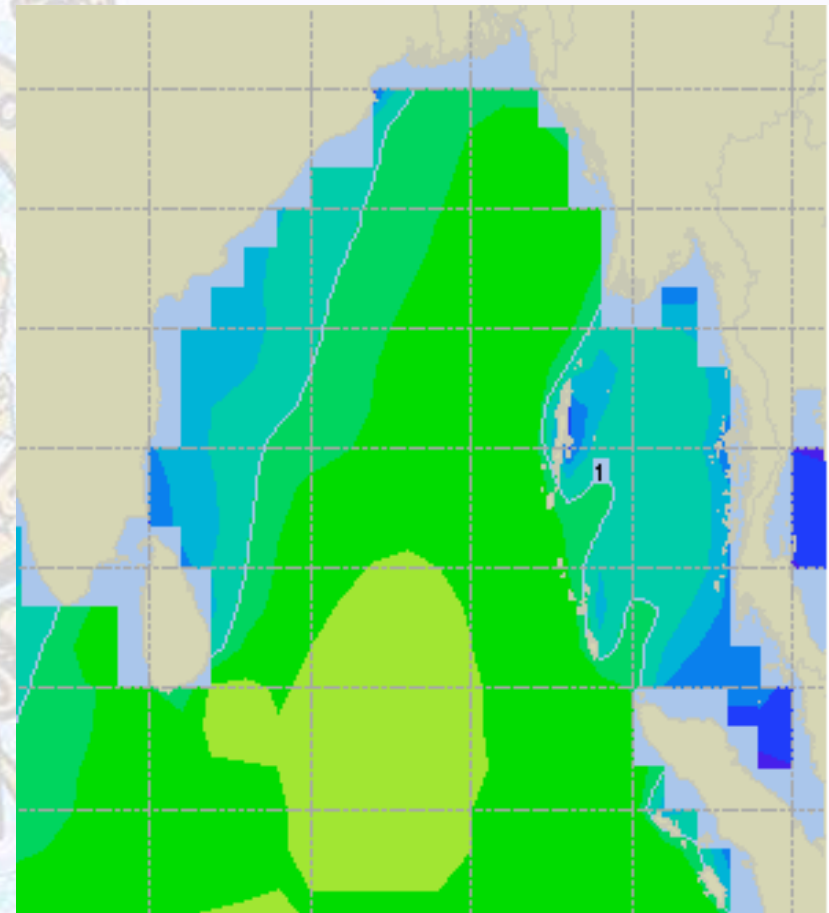


Sea State Forecast – 25 & 26 Oct- 2020

25 Oct 20 Sunday



26 Oct 20 Monday

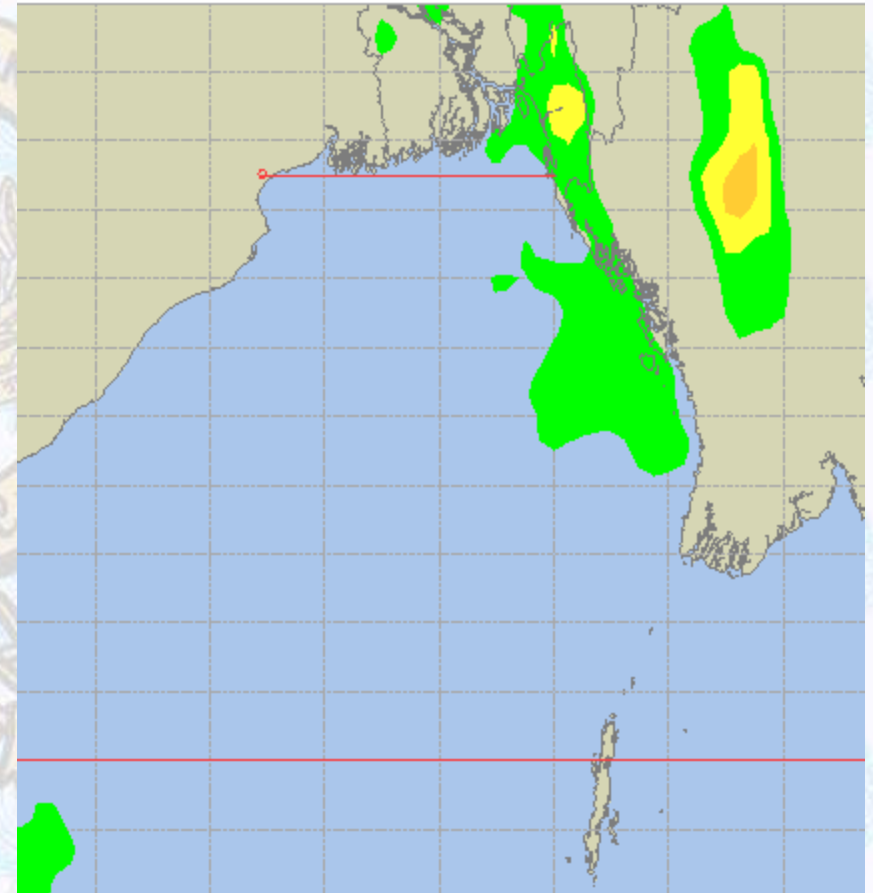
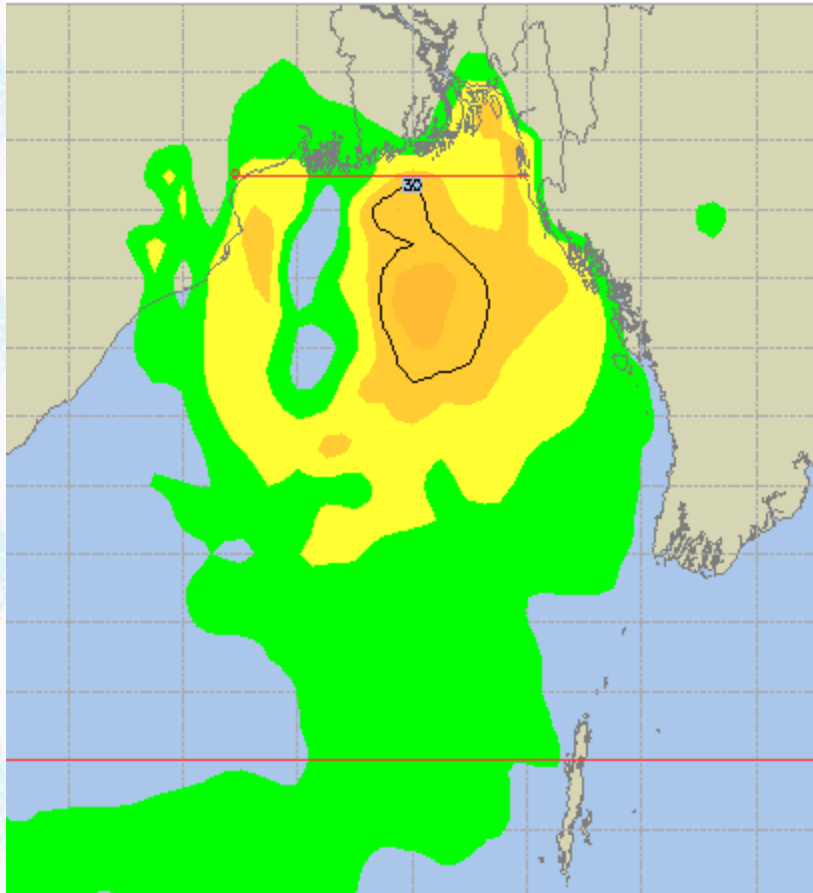




Peak Gusting Possibilities— 24 & 25 Oct 2020

24 Oct 20 Saturday

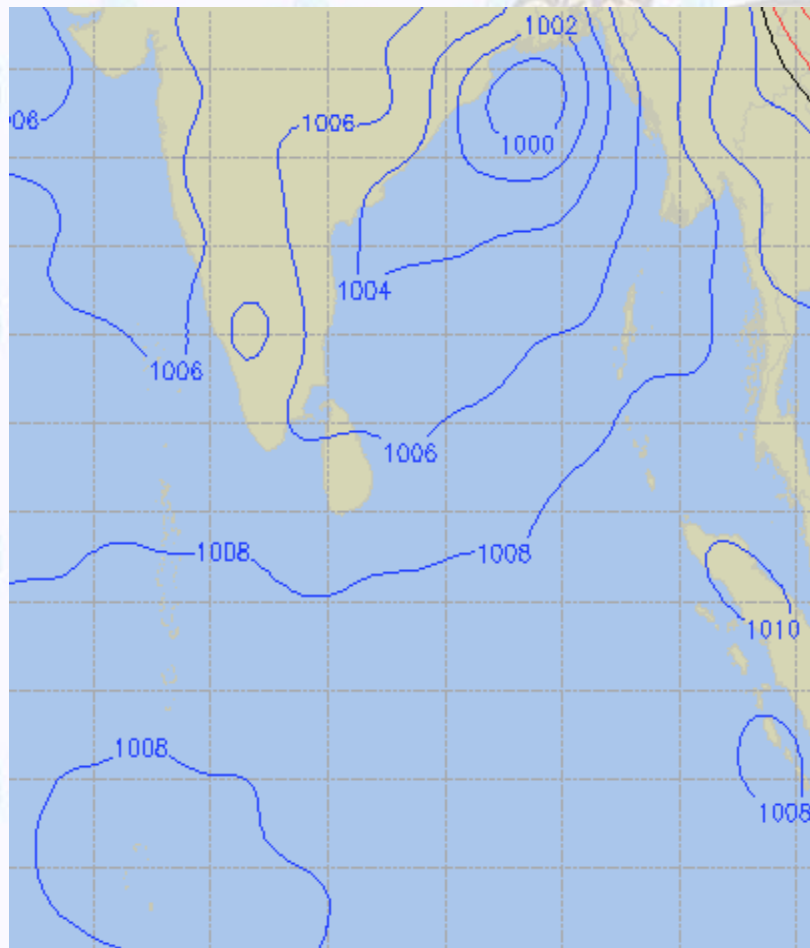
25 Oct 20 Sunday



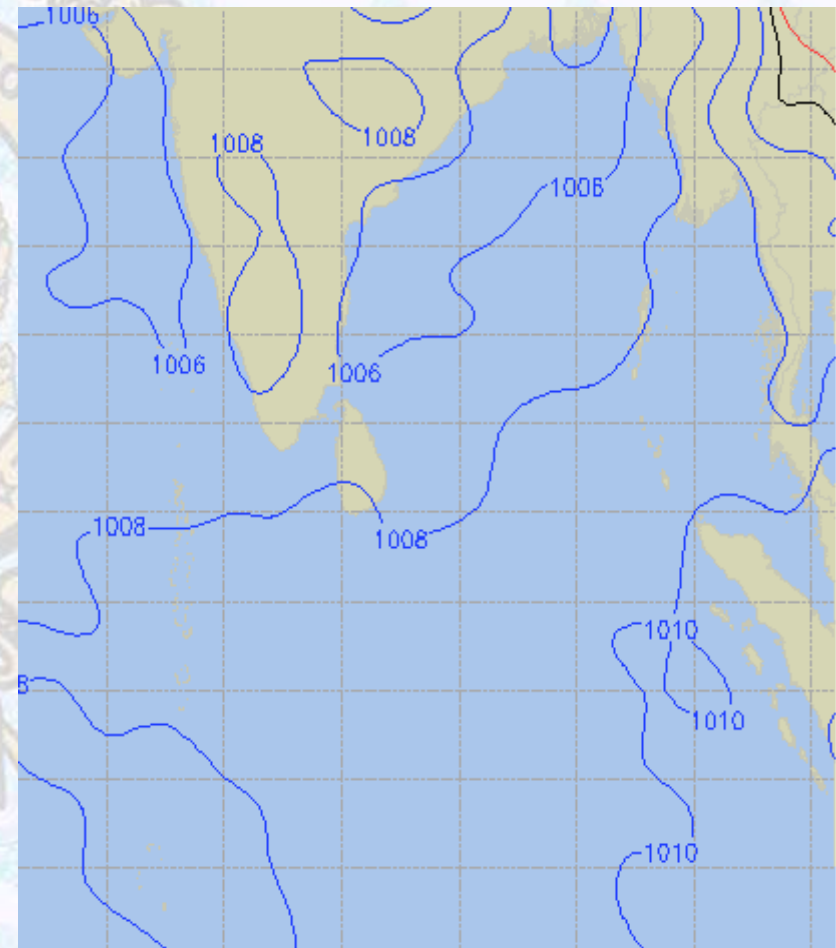


Surface Pressure forecast– 24 & 25 Oct 2020

24 Oct 20 Saturday



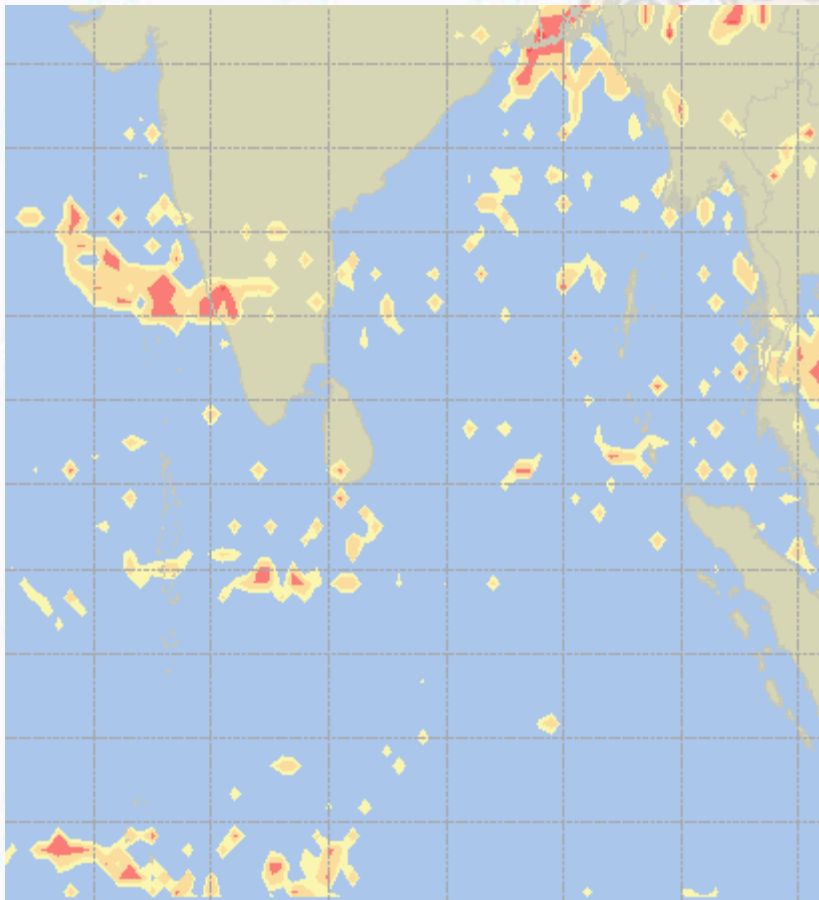
25 Oct 20 Sunday



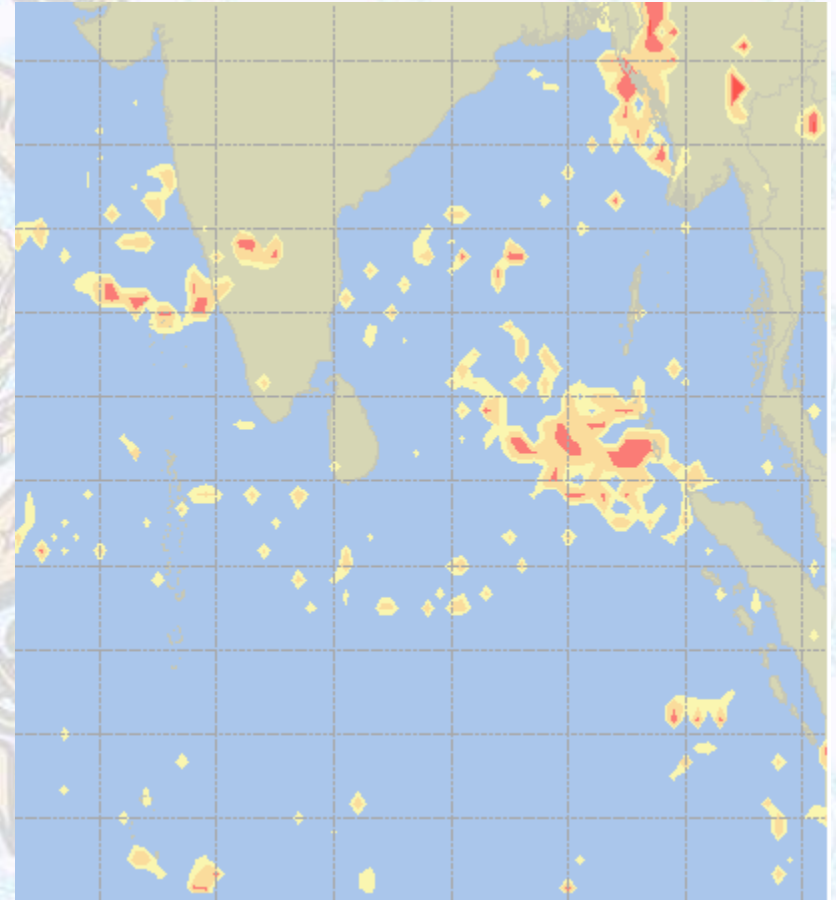


Visibility at Sea Forecast – 24 & 25 Oct 2020

24 Oct 20 Saturday



25 Oct 20 Sunday



Visibility Scale:

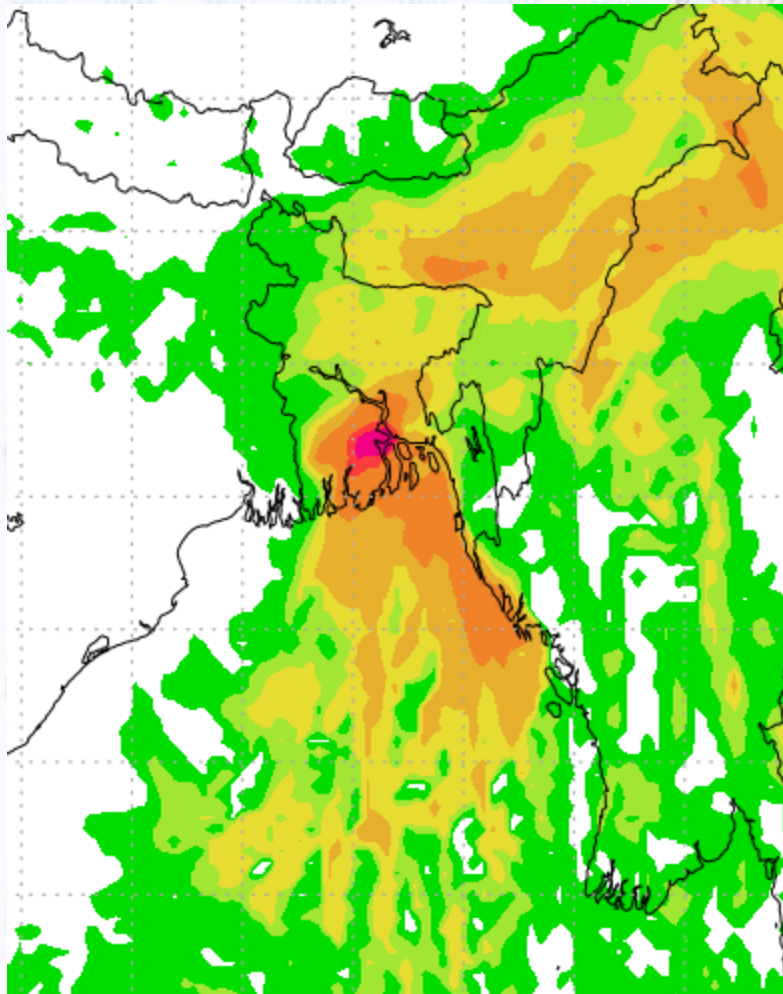


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

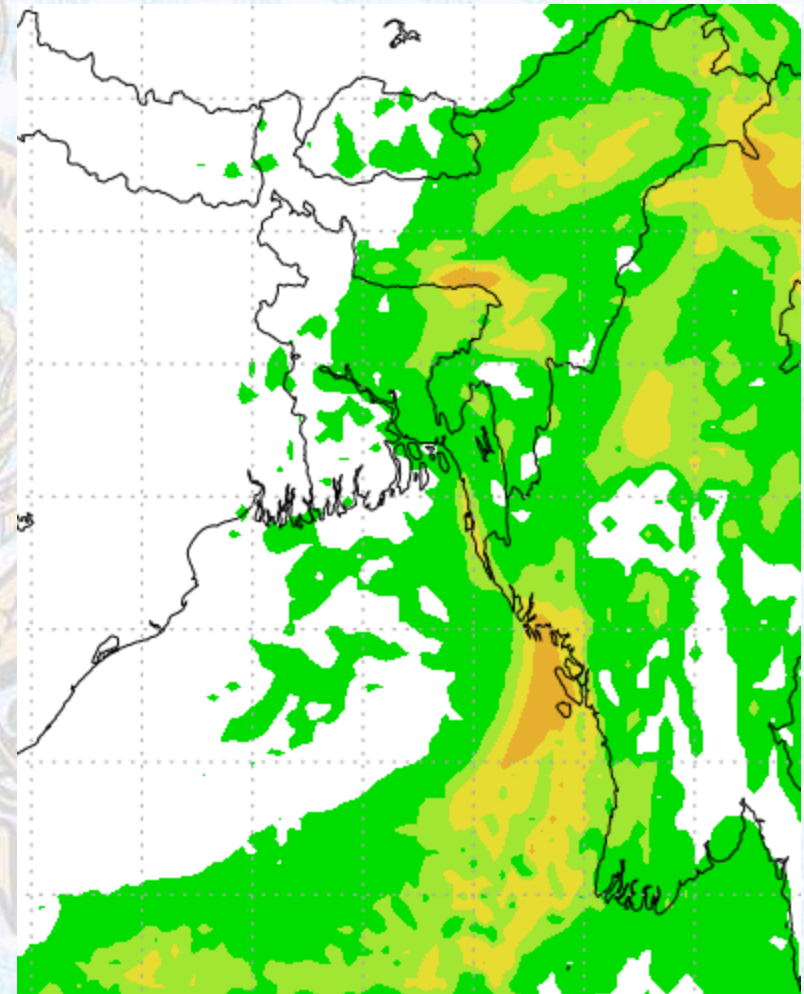


Precipitation

Rain(mm) 23 & 24 Oct 2020



Rain(mm) 24 & 25 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
24 Oct 2020	0031	1.51		0401	2.75		0406	2.60
	0650	4.05		1058	1.27		1105	1.46
	1341	1.25		1655	2.45		1714	2.31
	1958	3.74		2331	1.36		2320	1.56
25 Oct 2020	Time	Height		Time	Height		Time	Height
	0209	1.60		0529	2.62		0554	2.57
	0823	3.96		1230	1.28		1233	1.39
	1503	1.17		1838	2.50		1855	2.42
	2124	3.90		-	-		-	-
26 Oct 2020	Time	Height		Time	Height		Time	Height
	0335	1.44		0058	1.32		0052	1.48
	0940	4.05		0657	2.66		0712	2.64
	1609	1.00		1341	1.18		1337	1.25
	2227	4.18		1945	2.69		1957	2.62