



WEATHER FORECAST FOR BN

27 OCT-30 OCT 2020





WEATHER FORECAST – DHAKA

27.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 21	31 / 22	27 / 22	27 / 21
Wind	8 km/h NNW	9 km/h NNW	4 km/h NW	4 km/h NW
Humidity	55%	59%	70%	73%
Chance of Precip	1%	1%	5%	6%
Cloud Cover	17%	13%	3%	5%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 01 AM 17: 22 PM			

Conditions

Pressure : 1010 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

27.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 25	30 / 25	29 / 26	28 / 25
Wind	10 km/h NW	9 km/h NW	6 km/h NW	4 km/h NNW
Humidity	71%	75%	83%	85%
Chance of Precip.	3%	4%	6%	6%
Cloud Cover	12%	13%	30%	23%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	05: 54 AM			
Sunset	17: 18 PM			

Conditions

Pressure : 1010 hpa

Visibility : 8.66 Km

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



WEATHER FORECAST – KHULNA

27.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 22	31 / 23	27 / 22	25 / 22
Wind	8 km/h NNW	8 km/h NNW	3 km/h NW	3 km/h NW
Humidity	56%	62%	78%	84%
Chance of Precip.	1%	1%	4%	5%
Cloud Cover	5%	3%	2%	6%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 03 AM 17: 26 PM			

Conditions

Pressure : 1011 hpa

Visibility : 9.66 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	28 Oct 2020	29 Oct 2020	30 Oct 2020
Temperature (C)	33 °C/ 24 °C	33 °C/ 25 °C	34 °C/ 25 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h02m12s/17h21m36s	6h02m48s/17h20m54s	6h03m24s/17h20m18s
Day Length	11h19m24s	11h18m06s	11h16m54s
Moon Rise/ Set	3:48PM 3:05AM	4:19PM 3:55AM	4:50PM 4:45AM
Moon Phase/ illu	Waxing Gibbous, 89%	Waxing Gibbous, 94%	Waxing Gibbous, 98%
NauticalTwilight	05:12,18:11	05:12,18:11	05:13,18:10
Civil Twilight	05:39,17:45	05:39,17:44	05:40,17:43
Humidity	D : 66% N : 78%	D : 68% N : 79%	D : 68% N : 79%
Barometer (mb)	1009	1010	1009
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	7 Km/h NNW	6 Km/h NNW	8 Km/h NNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	28 Oct 2020	29 Oct 2020	30 Oct 2020
Temperature (C)	31 °C/ 25 °C	32 °C/ 26 °C	33 °C/ 25 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	5h54m48s/17h17m36s	5h55m18s/17h17m00s	5h55m54s/17h16m24s
Day Length	11h22m48s	11h21m42s	11h20m30s
Moon Rise/ Set	3:42PM 3:00AM	4:13PM 3:50AM	4:45PM 4:39AM
Moon Phase/ illu	Waxing Gibbous, 89%	Waxing Gibbous, 94%	Waxing Gibbous, 98%
NauticalTwilight	05: 05 18:07	05:05 18:06	05:06 18:06
Civil Twilight	05:31, 17:40	05:32, 17:40	05:32, 17:39
Humidity	D : 79% N : 90%	D : 80% N : 91%	D : 81% N : 92%
Barometer (mb)	1009	1010	1009
Visibility	Good	Good	Good
Precip Chance	20%	20%	40%
Wind (mph)	8 Km/h NNW	7 Km/h NNW	6 Km/h NW

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



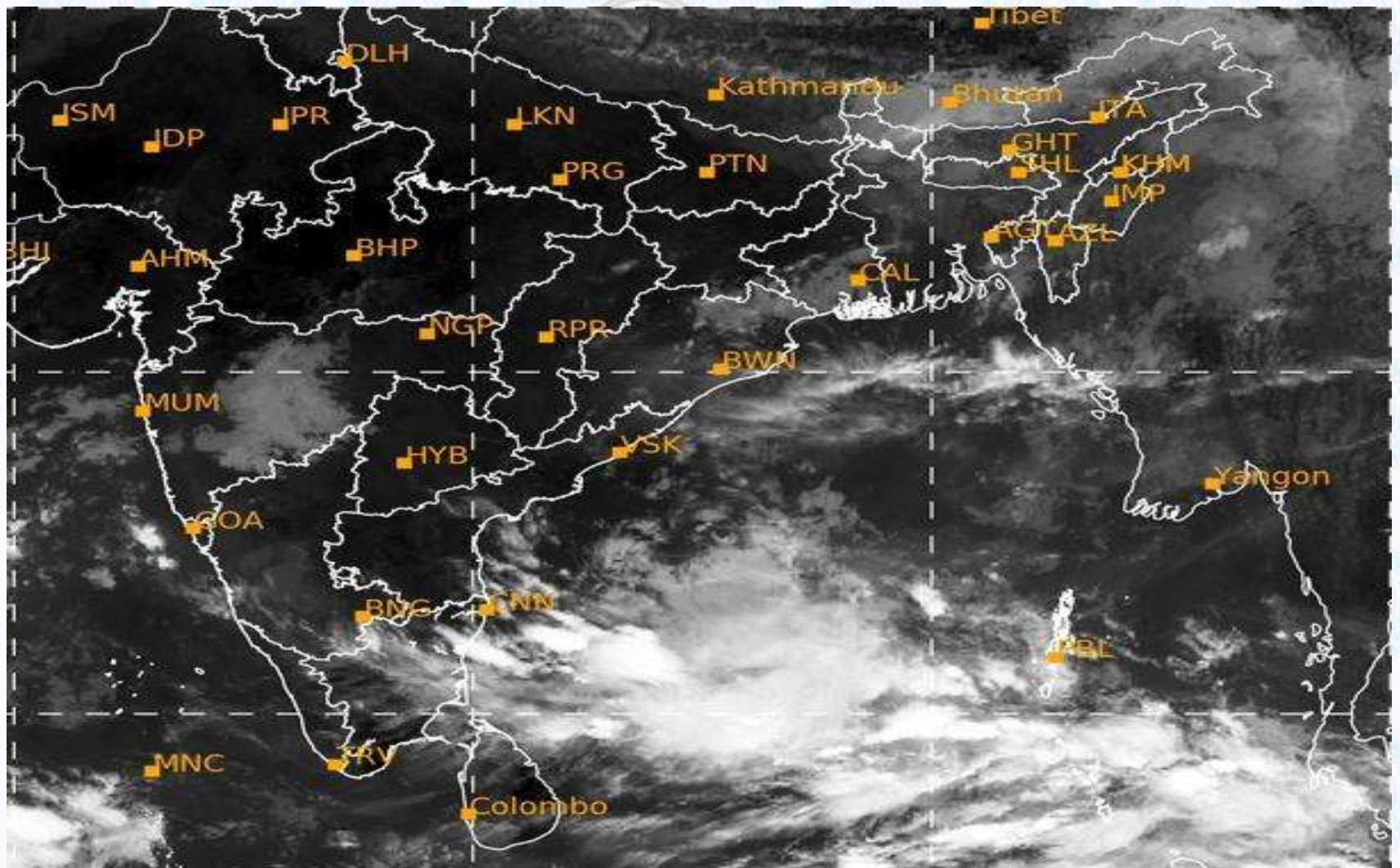
GENERAL WEATHER FORECAST – KHULNA

Description	28 Oct 2020	29 Oct 2020	30 Oct 2020
Temperature(C)	32°C/ 23°C	33°C/ 24°C	33°C/ 25°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h04m30s/17h26m12s	6h05m06s/17h25m30s	6h05m42s/17h24m54s
Day Length	11h21m42s	11h20m24s	11h19m12s
Moon Rise/Set	3:51PM 3:10AM	4:22PM 3:59AM	4:54PM 4:48AM
Moon Phase/illu	Waxing Gibbous, 89%	Waxing Gibbous, 94%	Waxing Gibbous, 98%
Nautical Twilight	05:15, 18:15	05:15, 18:15	05:15, 18:14
Civil Twilight	05:34 17:49	05:41, 17:48	05:42, 17:48
Humidity	D : 68% N : 79%	D : 69% N : 81%	D : 69% N : 79%
Barometer (mb)	1010	1010	1010
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	10 km/h NNW	9 km/h NNW	10 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

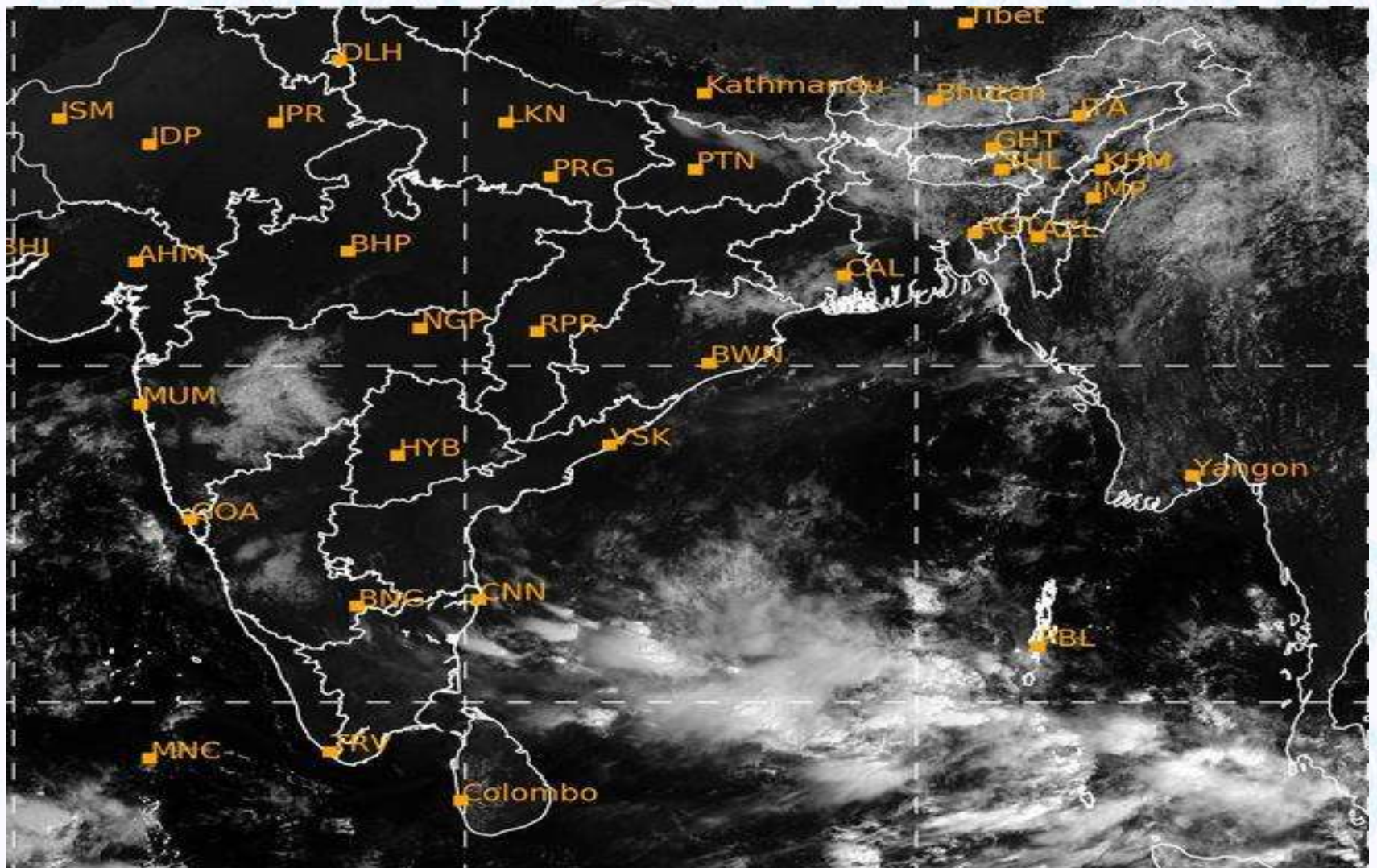


27/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



27/10/2020, 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 27.10.2020)

Part One	NO STORM WARNING.	
Part Two	MONSOON IS WEAK OVER NORTH BAY.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	EAST/NORTH-EASTERLY, 08-12 KTS, TEMPORARY GUSTING TO 22
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 27,0000 UTC. CHATTOGRAM =1009 HPA



Inland River Port Warning (VALID TILL 06 PM OF 27.10.2020)

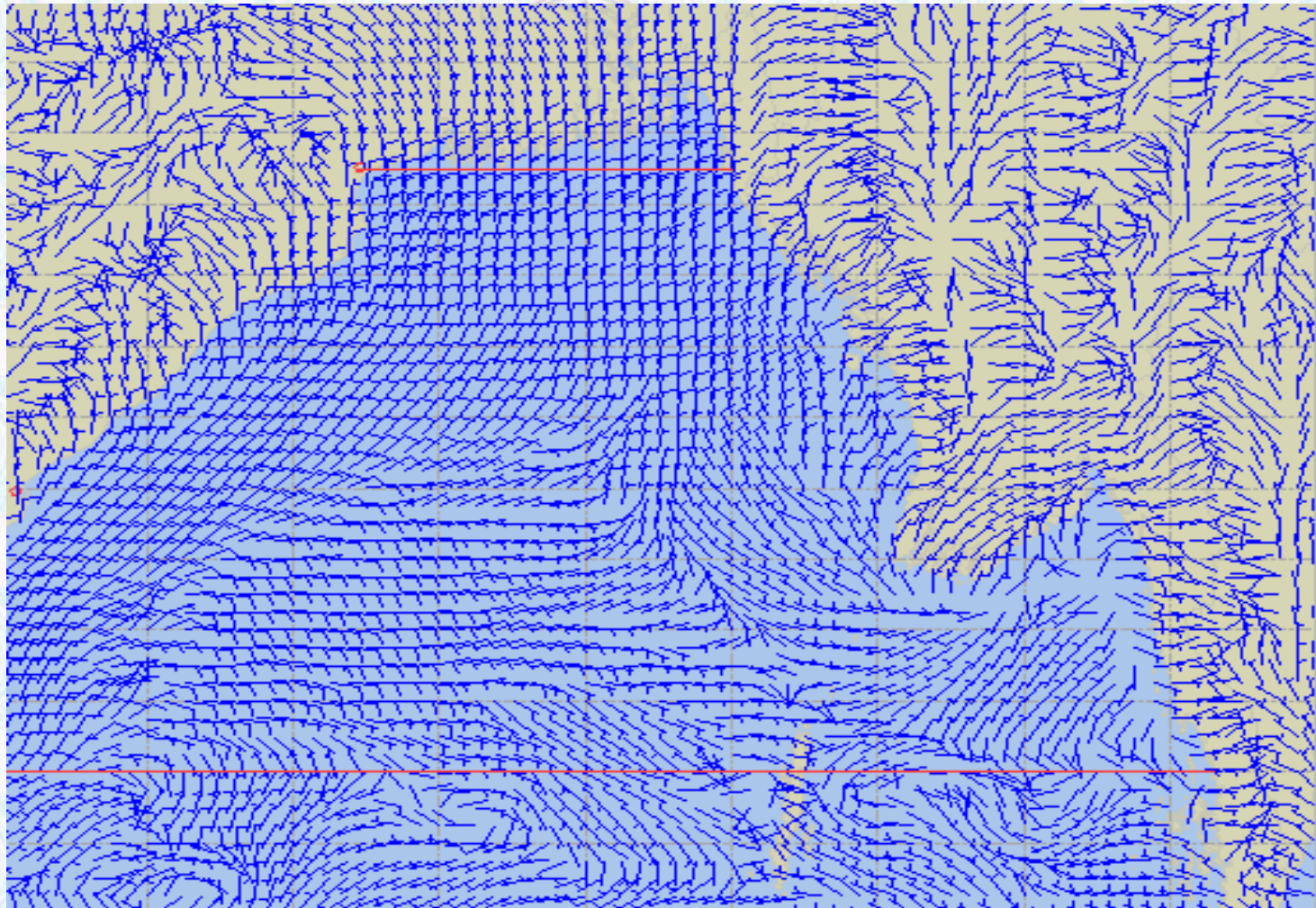
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 28 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



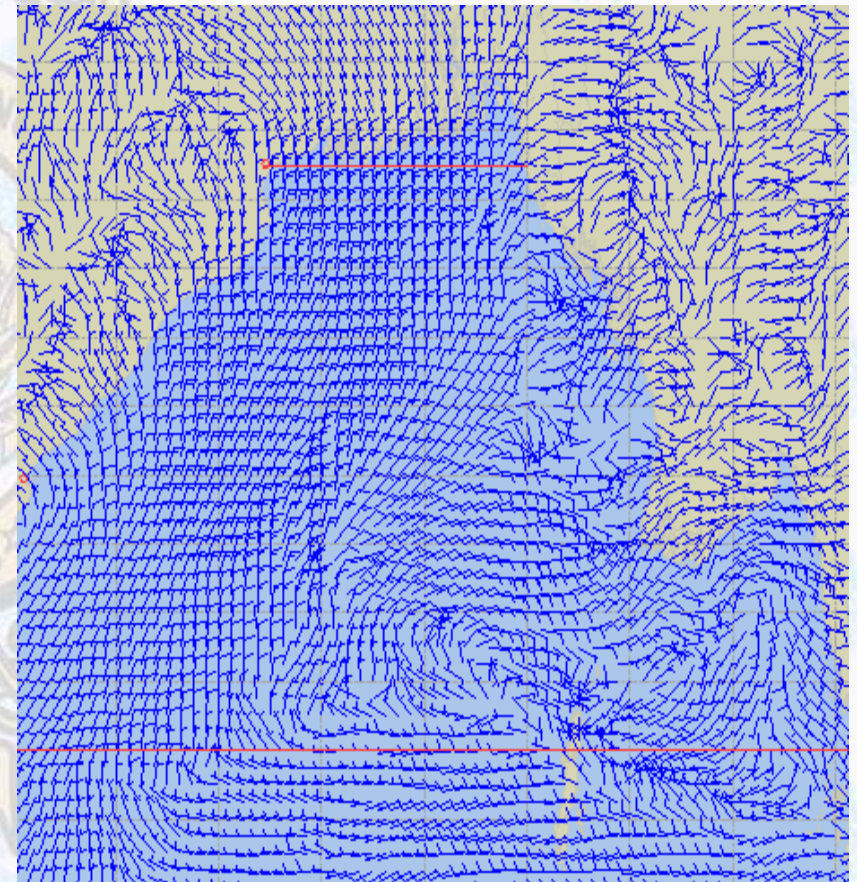
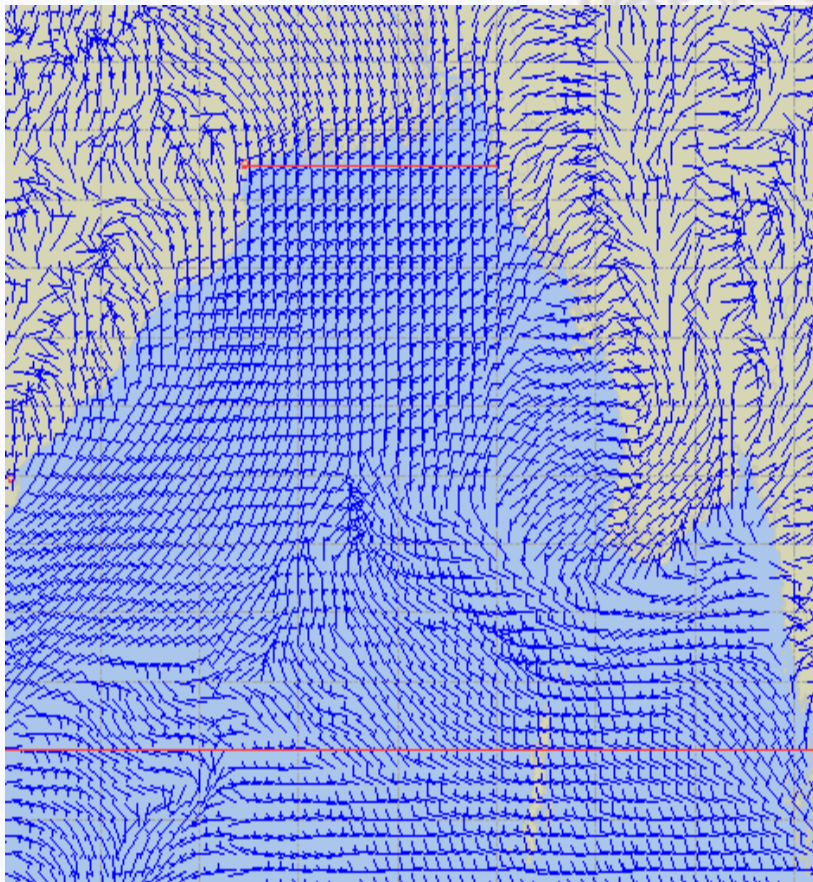
60 Knots



Surface Wind Forecast – 29 & 30 Oct- 2020

29 Oct 20 Thursday

30 Oct 20 Friday



Legend:



Calm
Winds



5 Knots



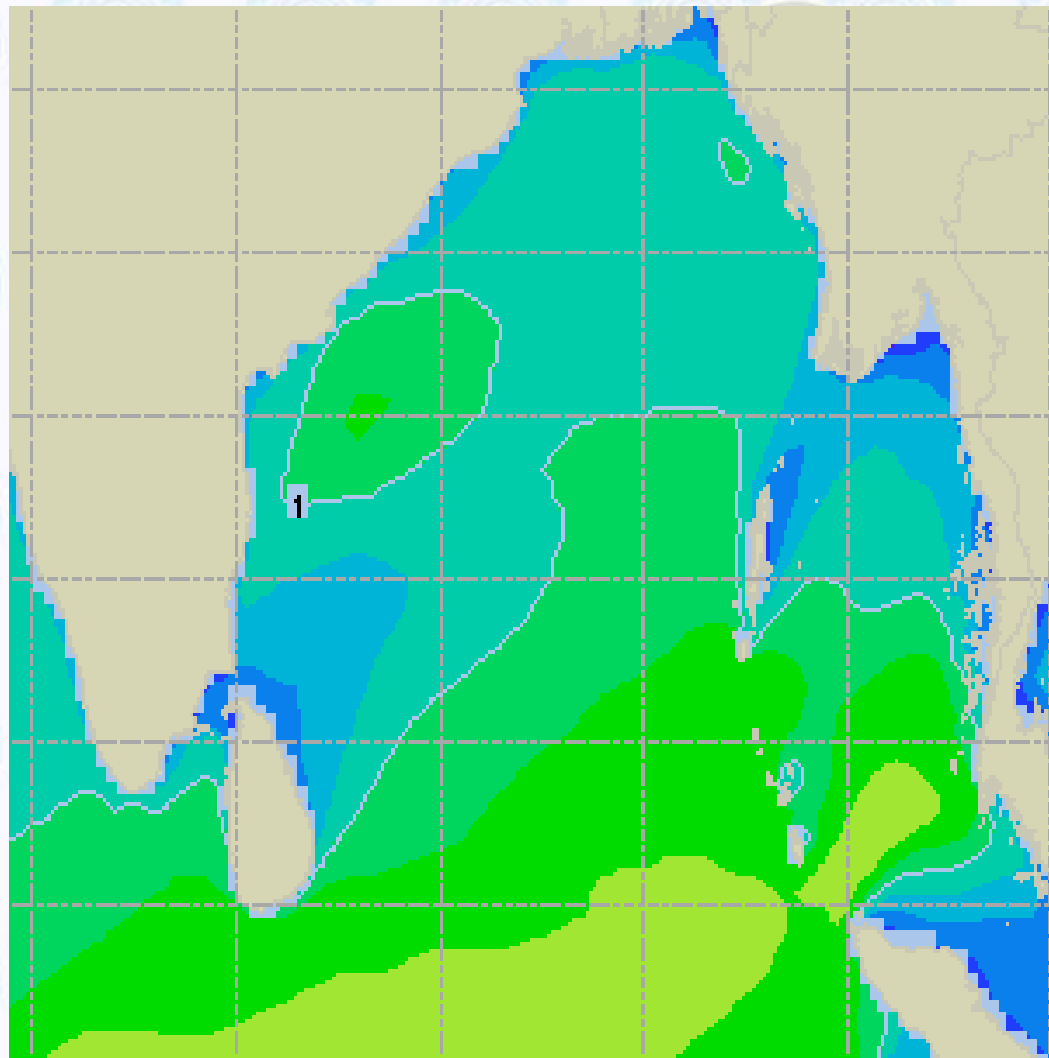
10 Knots



60 Knots



Sea State Forecast – 28 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

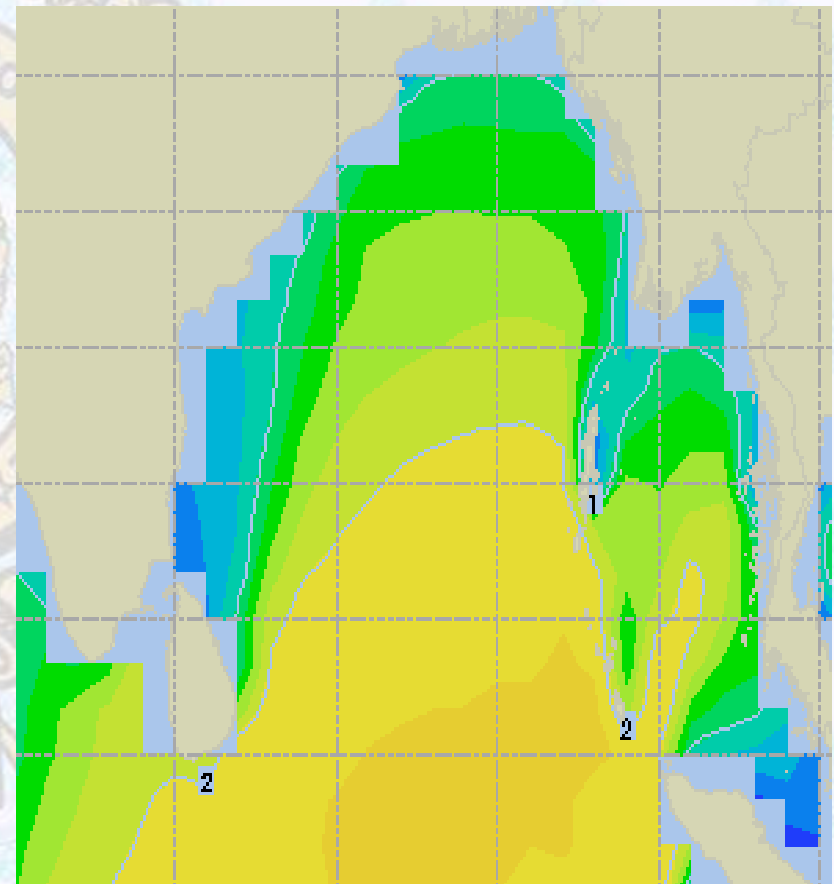
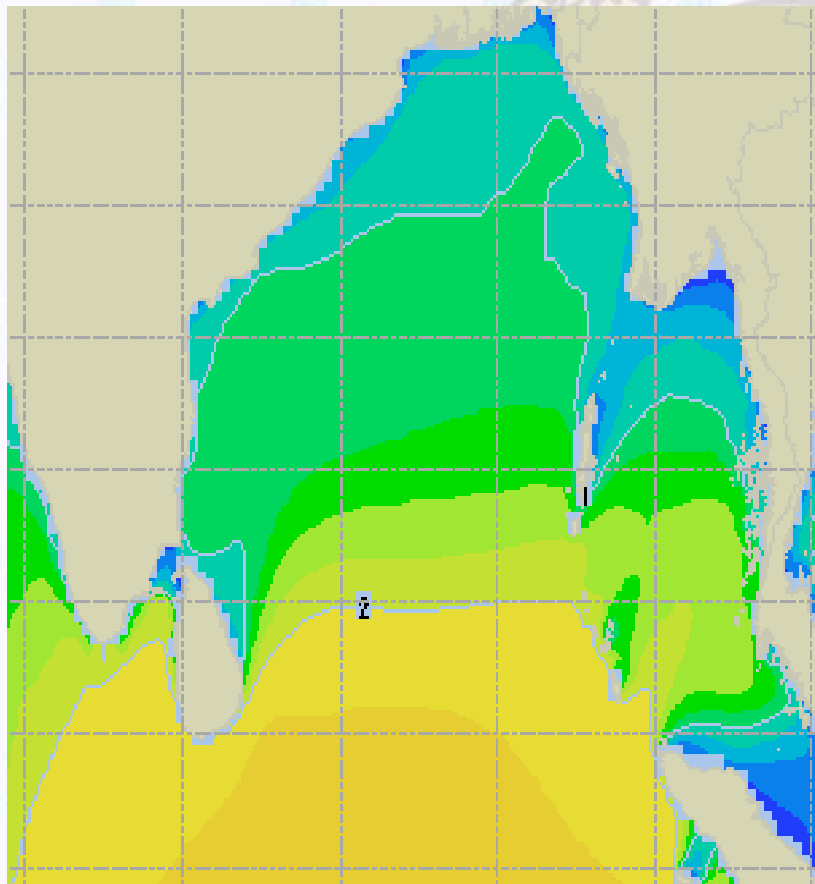




Sea State Forecast – 29 & 30 Oct- 2020

29 Oct 20 Thursday

30 Oct 20 Friday

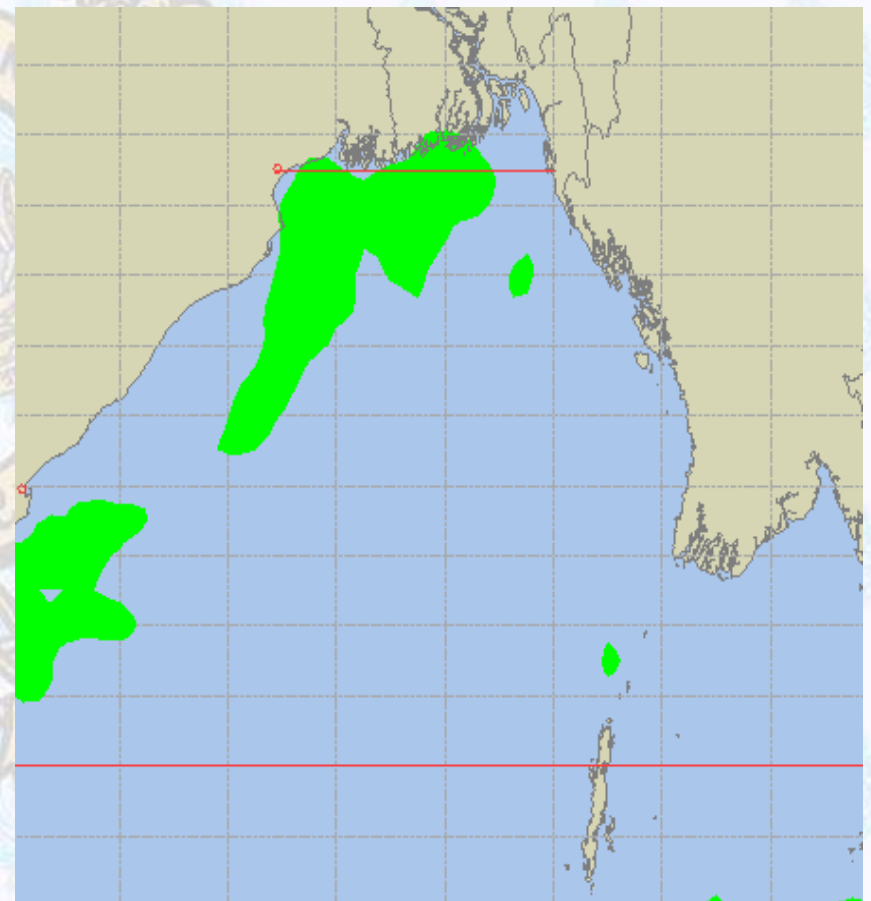
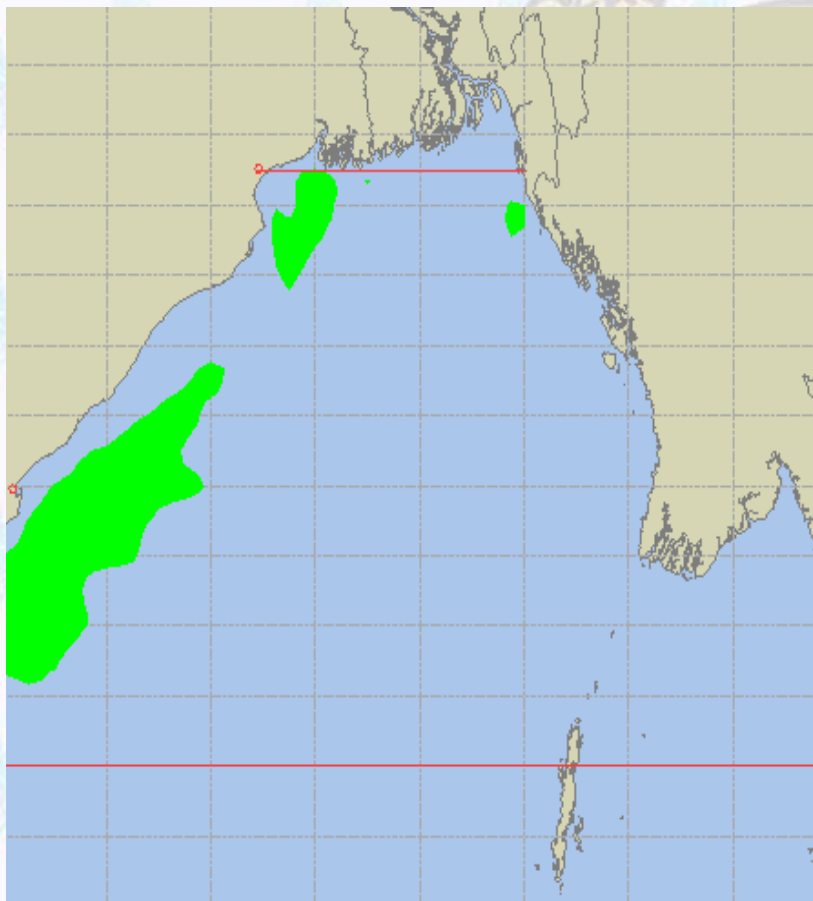




Peak Gusting Possibilities— 28 & 29 Oct 2020

28 Oct 20 Wednesday

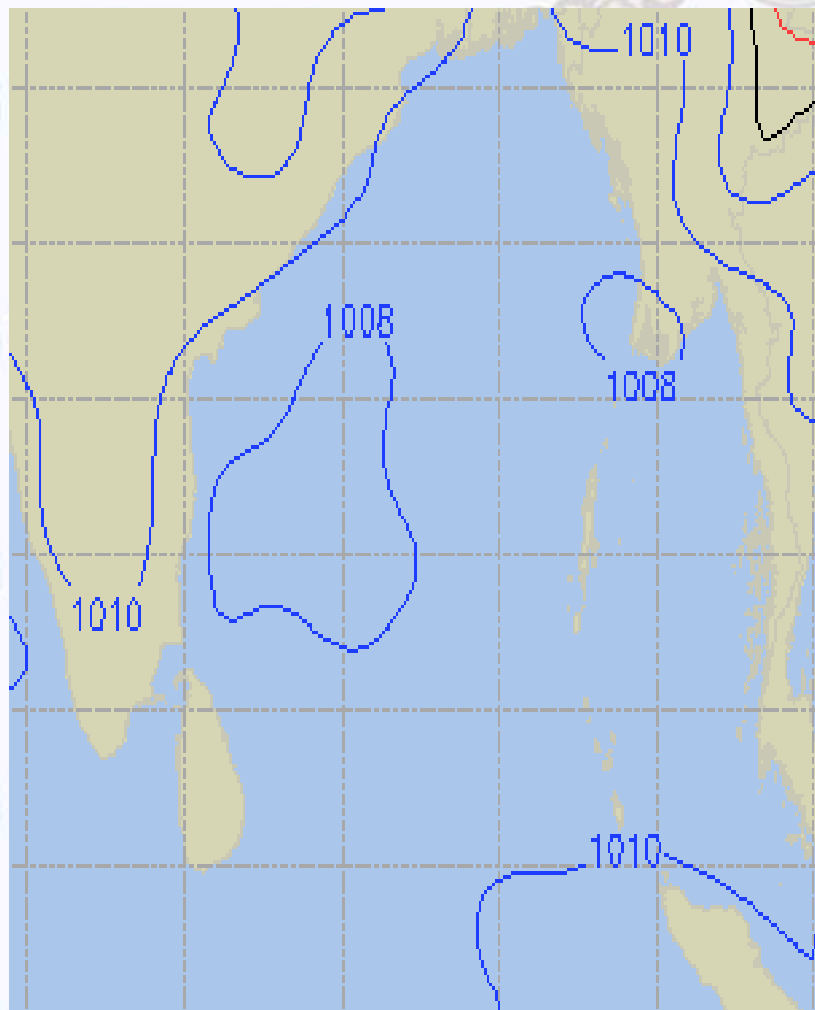
29 Oct 20 Thursday



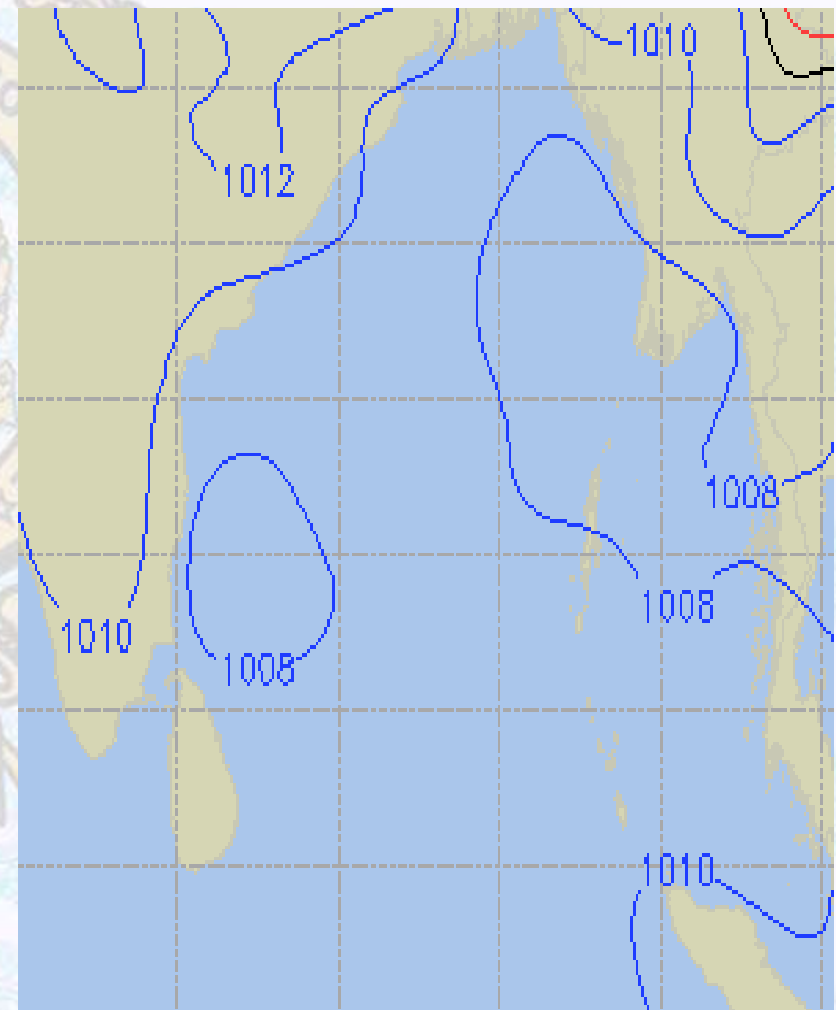


Surface Pressure forecast– 28 & 29 Oct 2020

28 Oct 20 Wednesday



29 Oct 20 Thursday

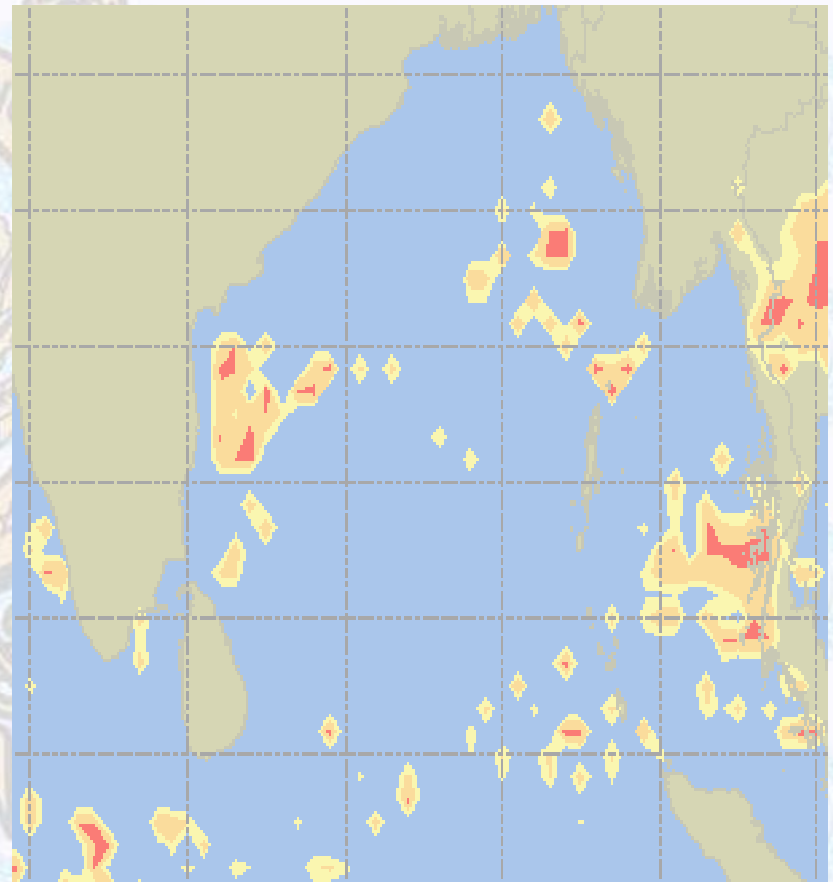
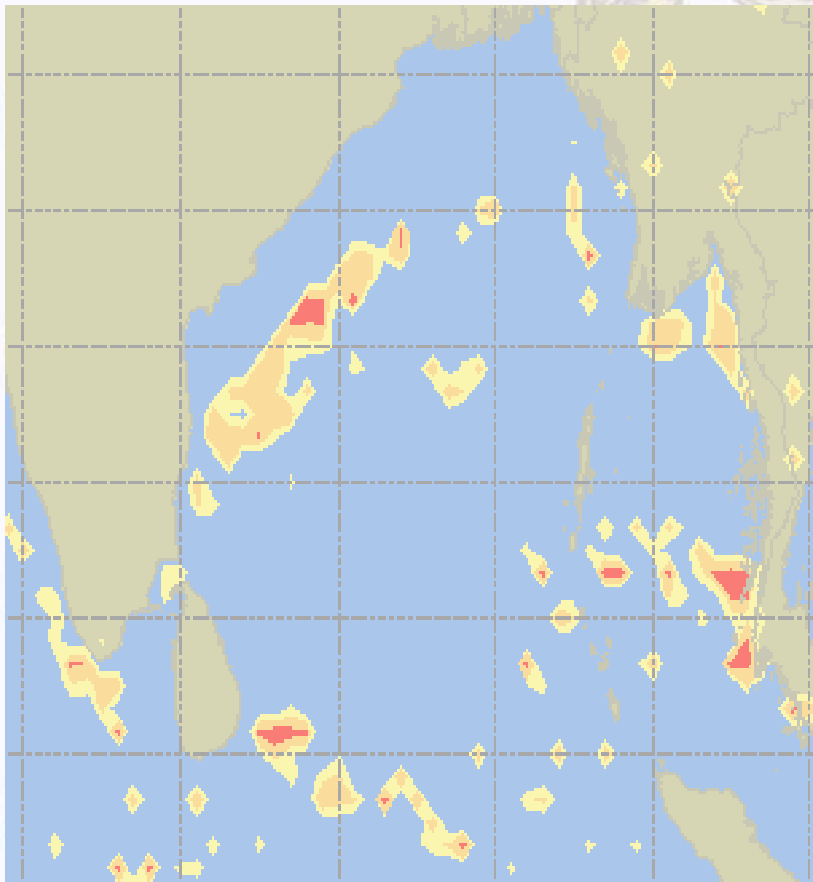




Visibility at Sea Forecast – 28 & 29 Oct 2020

28 Oct 20 Wednesday

29 Oct 20 Thursday



Visibility Scale:



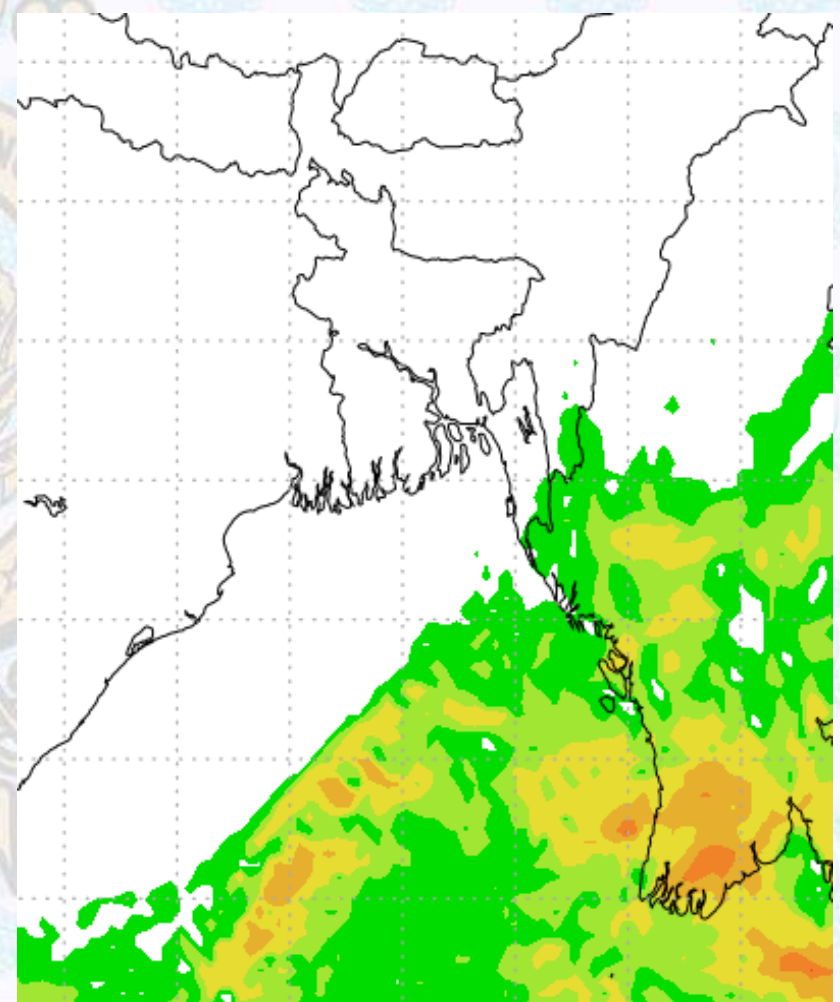
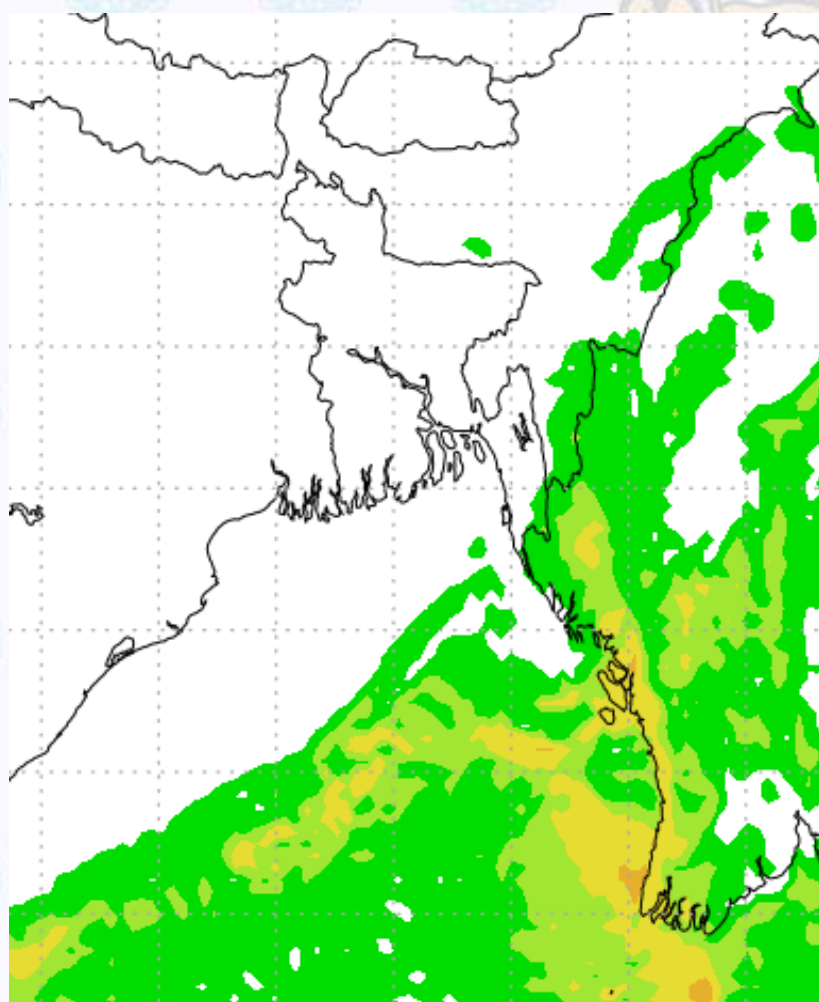
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 28 & 29 Oct 2020

Rain(mm) 29 & 30 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

28 Oct 2020	Time	Height		Time	Height		Time	Height
	0528	0.92		0302	1.07		0246	1.16
	1123	4.36		0846	2.95		0849	2.83
	1744	0.70		1519	0.96		1505	0.97
	2349	4.66		2111	3.13		2116	2.95
29 Oct 2020	Time	Height		Time	Height		Time	Height
	0607	0.72		0346	0.94		0327	1.03
	1159	4.49		0925	3.08		0925	2.88
	1819	0.62		1558	0.86		1538	0.86
	-	-		2145	3.32		2147	3.06
30 Oct 2020	Time	Height		Time	Height		Time	Height
	0019	4.80		0424	0.85		0401	0.92
	0641	0.59		0959	3.18		0956	2.91
	1229	4.57		1633	0.78		1608	0.79
	1849	0.56		2217	3.44		2215	3.13