



WEATHER FORECAST FOR BN

20 - 23 DEC 2020



WEATHER FORECAST – DHAKA

20.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 14	23 / 14	19 / 14	18 / 14
Wind	6 km/h NW	7 km/h WNW	5 km/h WNW	4 km/h NW
Humidity	58%	57%	74%	77%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	1%	16%	8%	8%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 36 AM 17: 16 PM			

Conditions

Pressure : 1017 hpa

Visibility : 1.21 km

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



WEATHER FORECAST – CHATTOGRAM

20.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 14	24 / 15	20 / 16	18 / 15
Wind	9 km/h NW	8 km/h NW	9 km/h NNW	9 km/h N
Humidity	53%	55%	76%	83%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	1%	2%	7%	11%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 27 AM			
Sunset	17: 13 PM			

Conditions

Pressure : 1015 hpa

Visibility : 5:54 Km

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



WEATHER FORECAST – KHULNA

20.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 12	23 / 11	17 / 12	14 / 12
Wind	9 km/h NNW	8 km/h NW	5 km/h NW	4 km/h NW
Humidity	48%	49%	76%	84%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	5%	9%	4%	5%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 37 AM 17: 21 PM			

Conditions

Pressure : 1018 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	21 Dec 2020	22 Dec 2020	23 Dec 2020
Temperature (C)	24 °C / 14 °C	24 °C / 15 °C	25 °C / 15 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h36m54s/17h16m42s	6h37m24s/17h17m12s	6h37m54s/17h17m48s
Day Length	10h39m48s	10h39m48s	10h39m54s
Moon Rise/ Set	11:50AM 11:44PM	12:22 AM 11:44 PM	12:53 AM 12:34 PM
Moon Phase/ illu	Waxing Crescent, 49%	First Quarter, 50%	Waxing Gibbous, 59%
Nautical Twilight	05:43, 18:09	05:43, 18:09	05:44, 18:10
Civil Twilight	06:11, 17:41	06:11, 17:41	06:12, 17:42
Humidity	D : 73% N : 82%	D : 74% N : 81%	D : 74% N : 82%
Barometer (mb)	1015	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	3 Km/h WNW	4 Km/h W	5 Km/h NNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	21 Dec 2020	22 Dec 2020	23 Dec 2020
Temperature (C)	24 °C/ 14 °C	24 °C/ 14 °C	25 °C/ 14 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h28m00s/17h14m12s	6h28m30s/17h14m42s	6h29m00s/17h15m18s
Day Length	10h46m12s	10h46m12s	10h46m18s
Moon Rise/ Set	11:50AM 11:40PM	12:22 AM 11:44 PM	12:47 AM 12:28 PM
Moon Phase/ illu	Waxing Crescent, 49%	First Quarter, 50%	Waxing Gibbous, 59%
NauticalTwilight	05:35 18:06	05:35 18:06	05:36 18:07
Civil Twilight	06:03, 17:38	06:03, 17:38	06:04, 17:39
Humidity	D : 74% N : 91%	D : 76% N : 92%	D : 75% N : 92%
Barometer (mb)	1015	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	8 Km/h NW	8 Km/h W	7 Km/h NNW

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



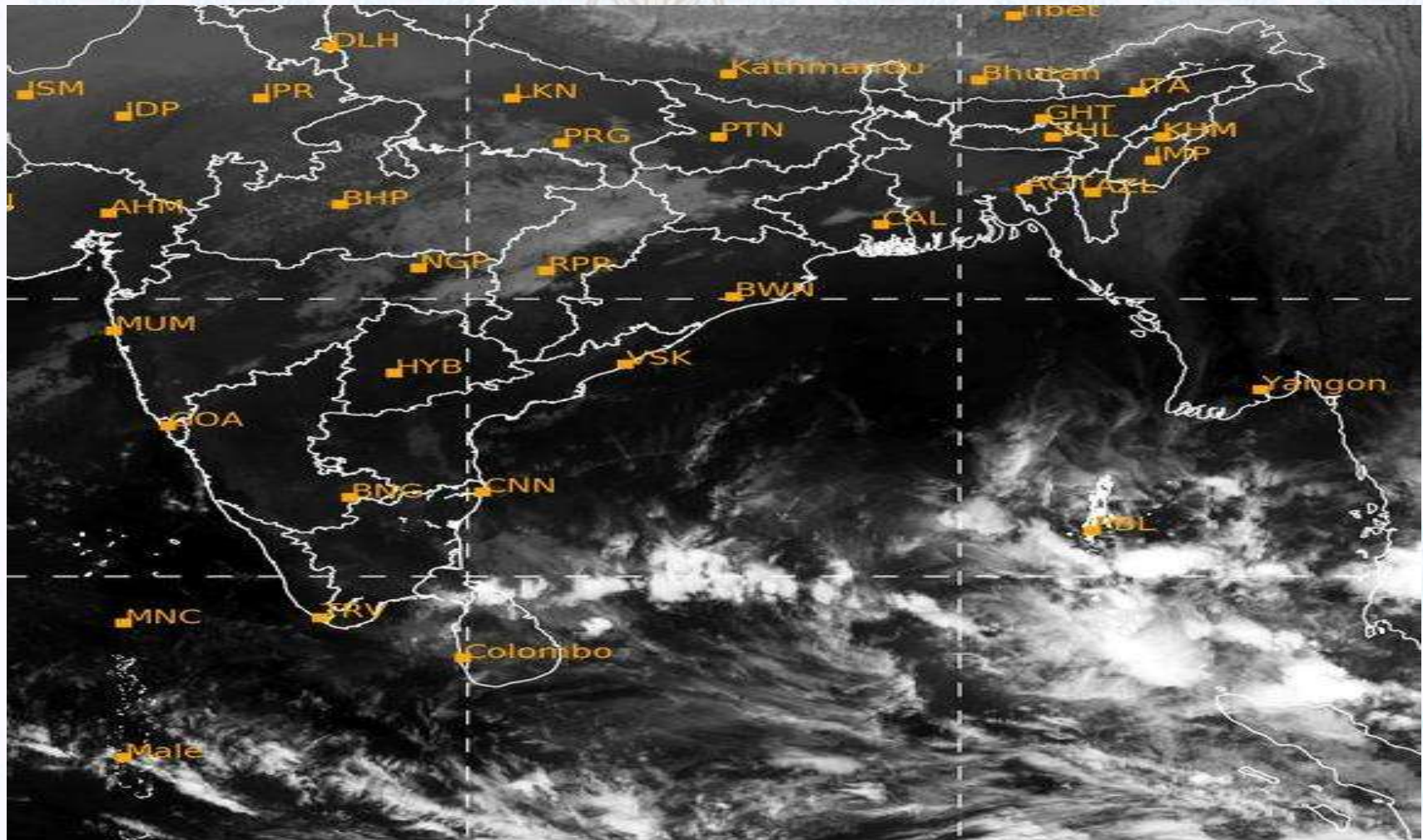
GENERAL WEATHER FORECAST – KHULNA

Description	21 Dec 2020	22 Dec 2020	23 Dec 2020
Temperature(C)	24°C/ 13°C	24°C/ 13°C	25°C/ 14°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h38m12s/17h22m18s	6h38m42s/17h22m48s	6h39m12s/17h23m18s
Day Length	10h44m06s	10h44m06s	10h44m06s
Moon Rise/Set	11:50AM 11:44PM	12:22 AM 11:44 PM	12:57 AM 12:38 PM
Moon Phase/illu	Waxing Crescent, 49%	First Quarter, 50%	Waxing Gibbous, 59%
NauticalTwilight	05:45, 18:14	05:45, 18:14	05:46, 18:15
Civil Twilight	06:13, 17:46	06:13, 17:46	06:14, 17:47
Humidity	D : 69% N : 84%	D : 71% N : 83%	D : 73% N : 84%
Barometer (mb)	1015	1015	1015
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	8 km/h NNW	6km/h NW	9km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

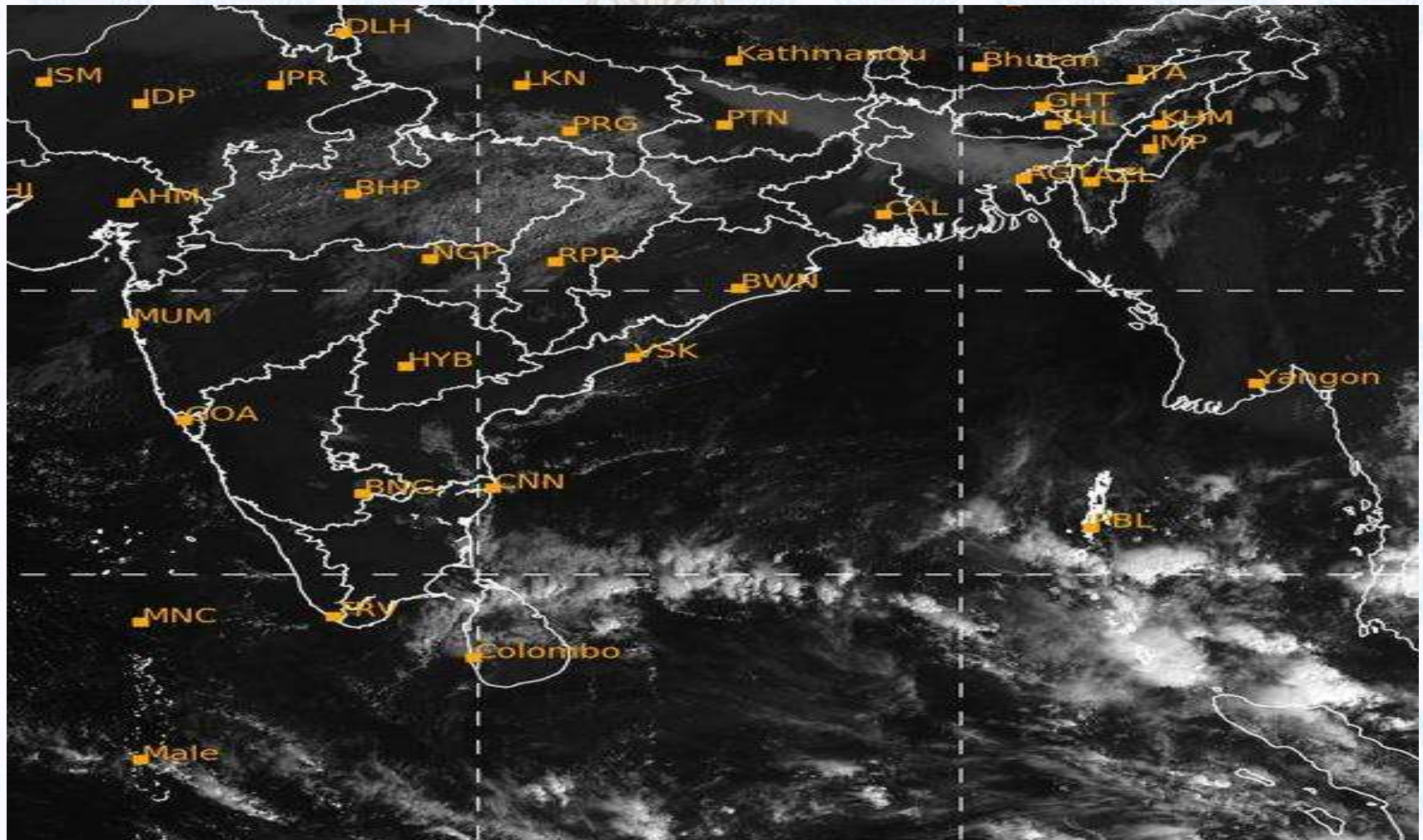


20/12/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



20/12/2020, 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 20.12.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY, 08-12 KTS.
	Visibility	03-05 KMS REDUCING TO 1000 M OR LESS IN MIST/FOG .
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 20,0000 UTC. CHATTOGRAM =1015 HPA



Inland River Port Warning (VALID TILL 06 PM OF 20.12.2020)

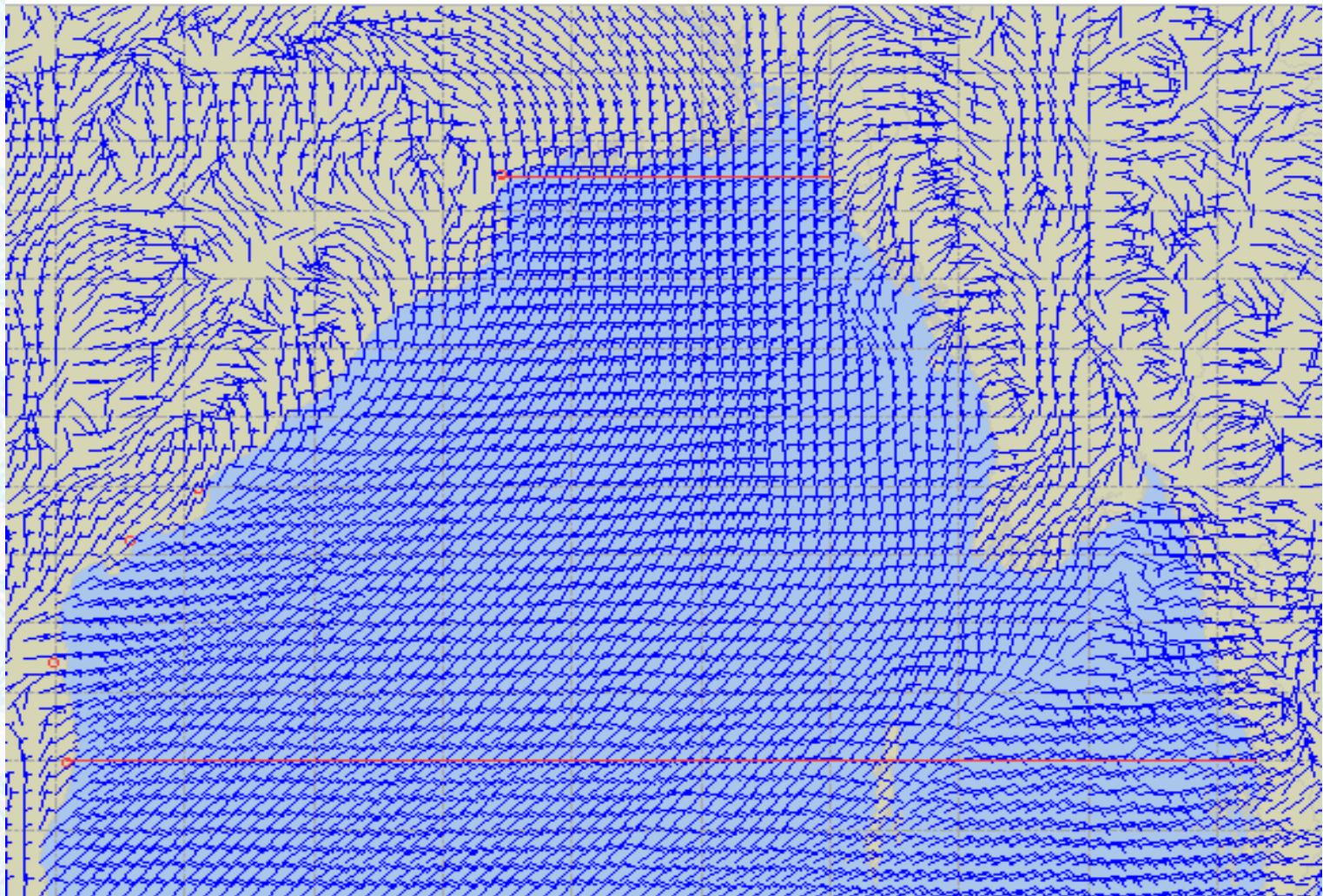
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 21 Dec - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



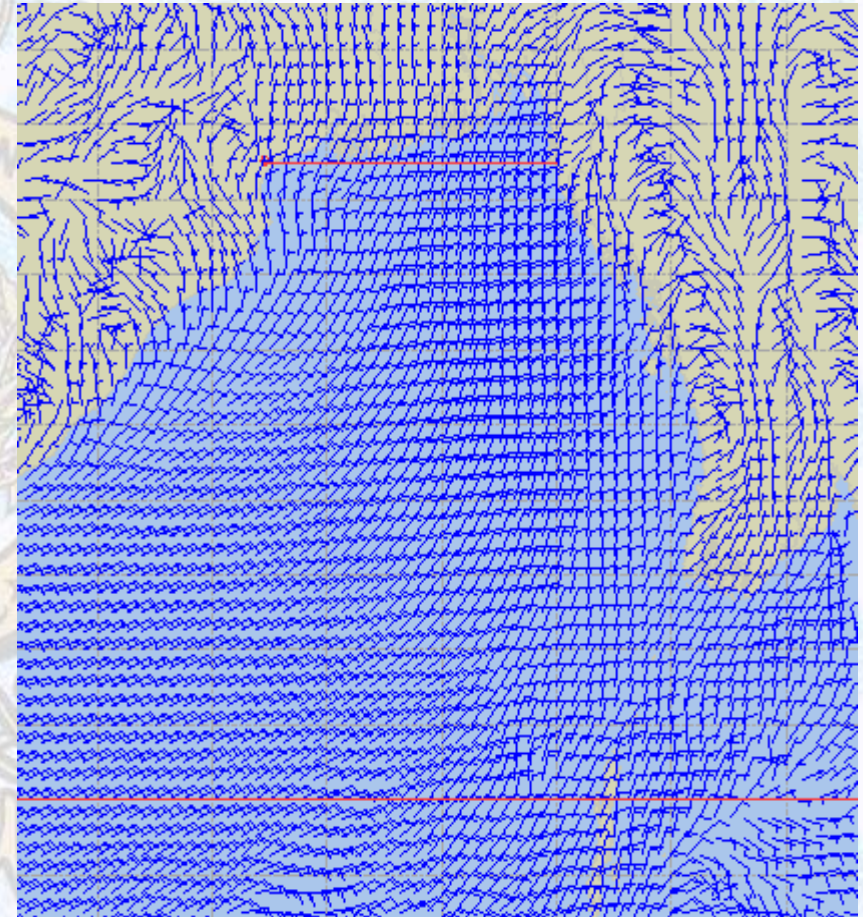
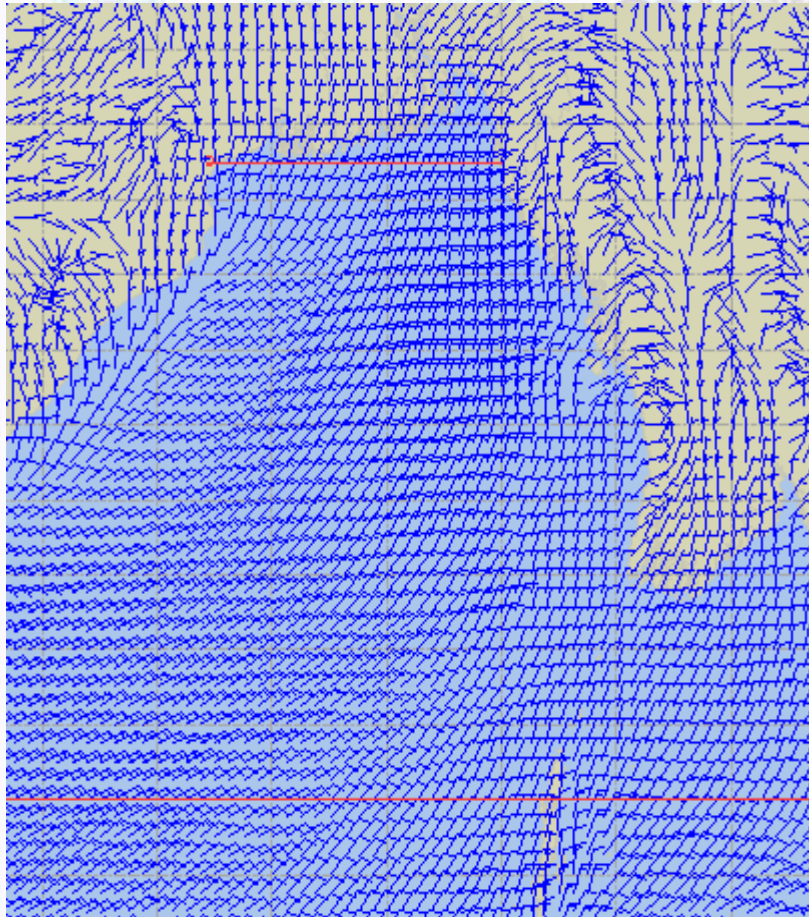
60 Knots



Surface Wind Forecast – 22 & 23 Dec - 2020

22 Dec 20 Tuesday

23 Dec 20 Wednesday



Legend:



Calm
Winds



5 Knots



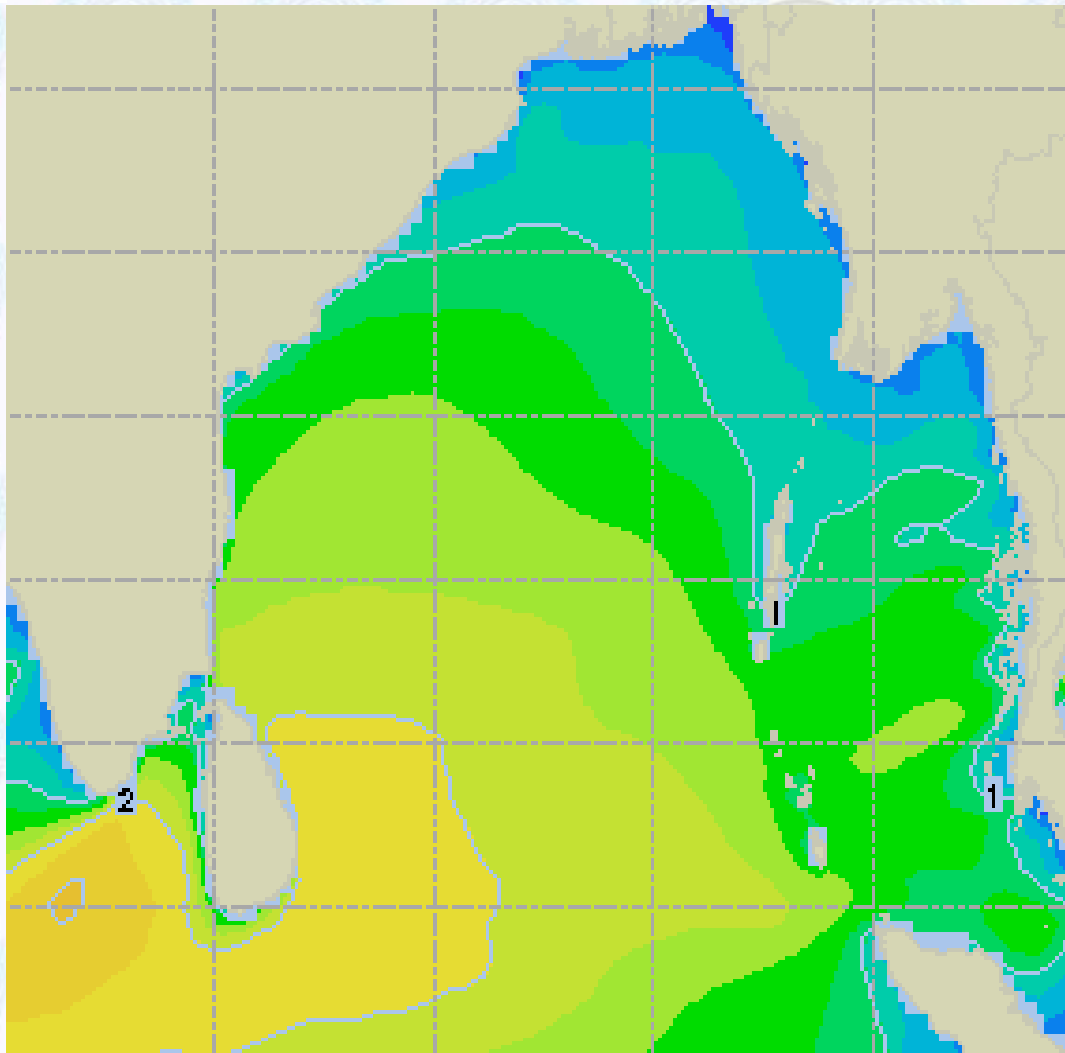
10 Knots



60 Knots



Sea State Forecast – 21 Dec - 2020



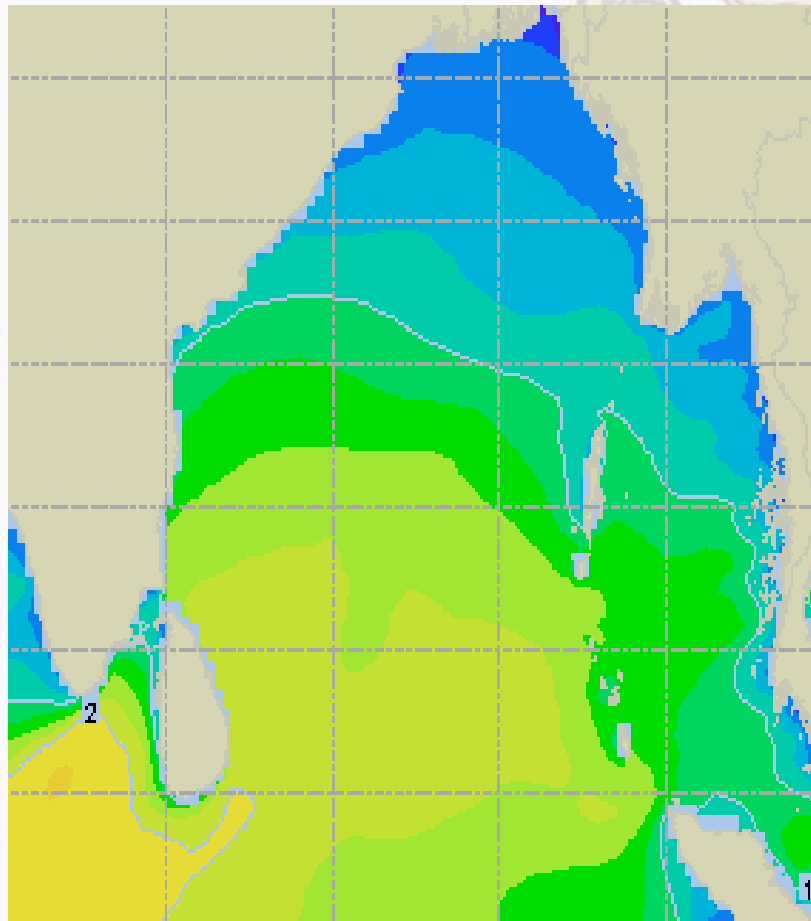
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



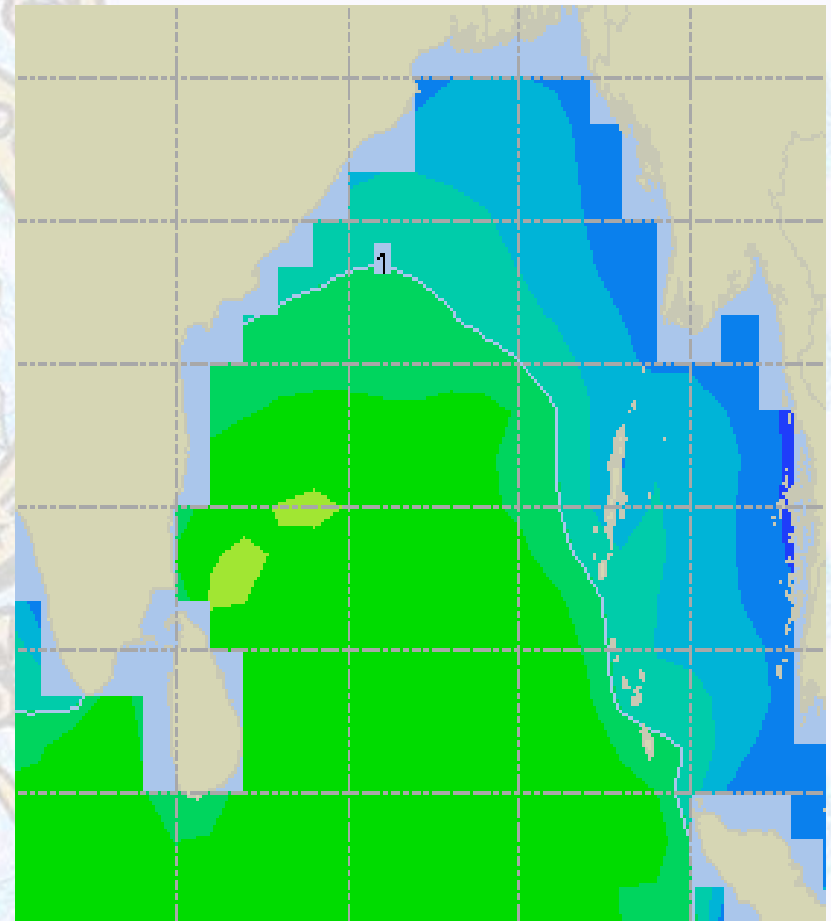


Sea State Forecast – 22 & 23 Dec - 2020

22 Dec 20 Tuesday



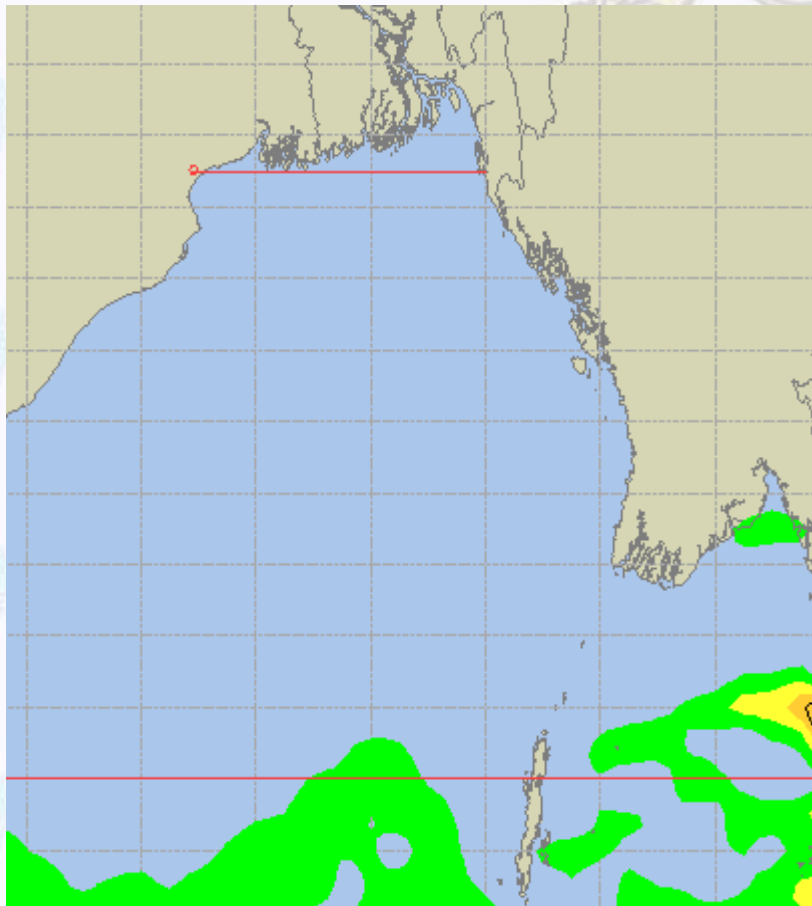
23 Dec 20 Wednesday



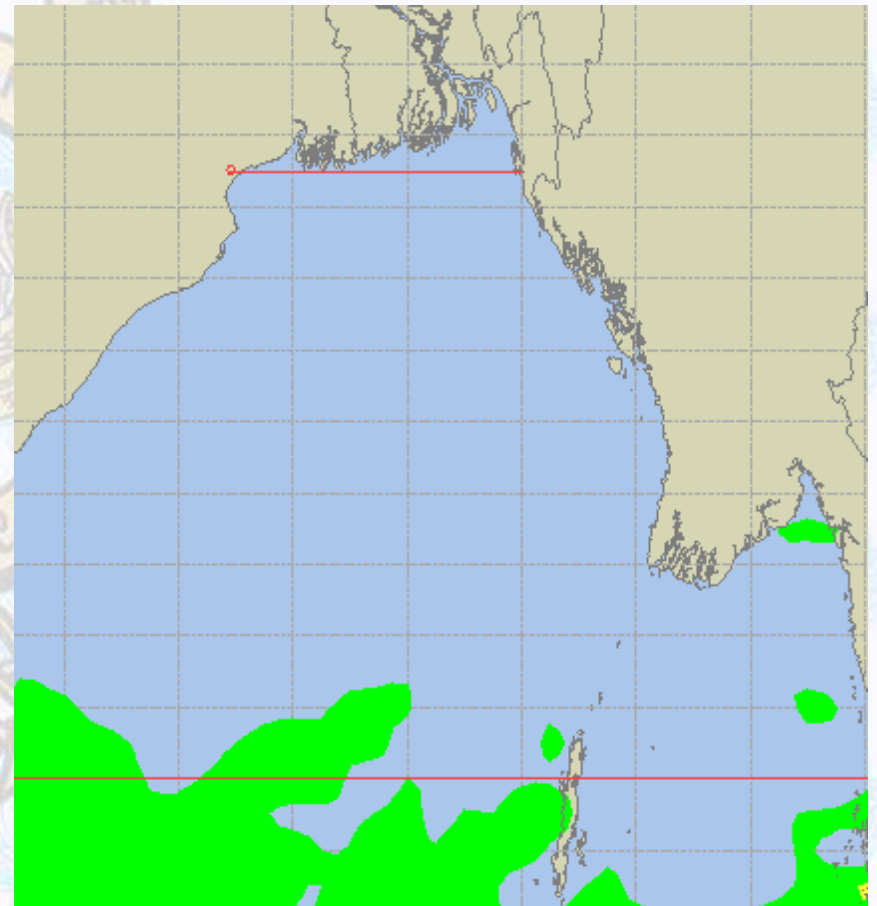


Peak Gusting Possibilities— 21 & 22 Dec 2020

21 Dec 20 Monday



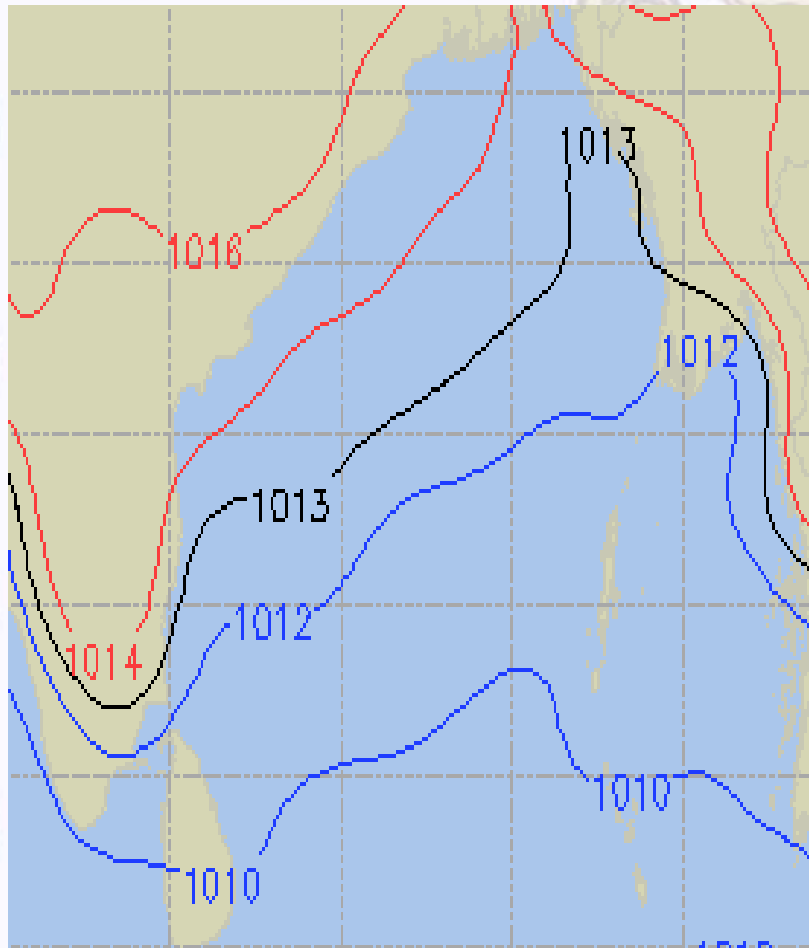
22 Dec 20 Tuesday



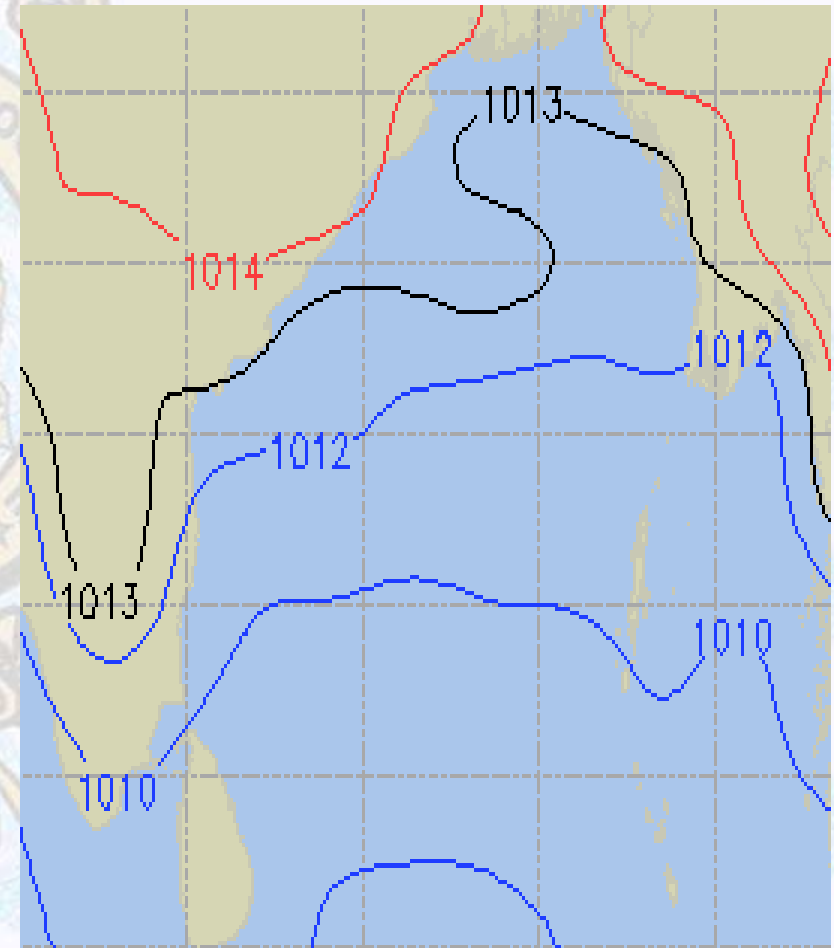


Surface Pressure forecast– 21 & 22 Dec 2020

21 Dec 20 Monday



22 Dec 20 Tuesday

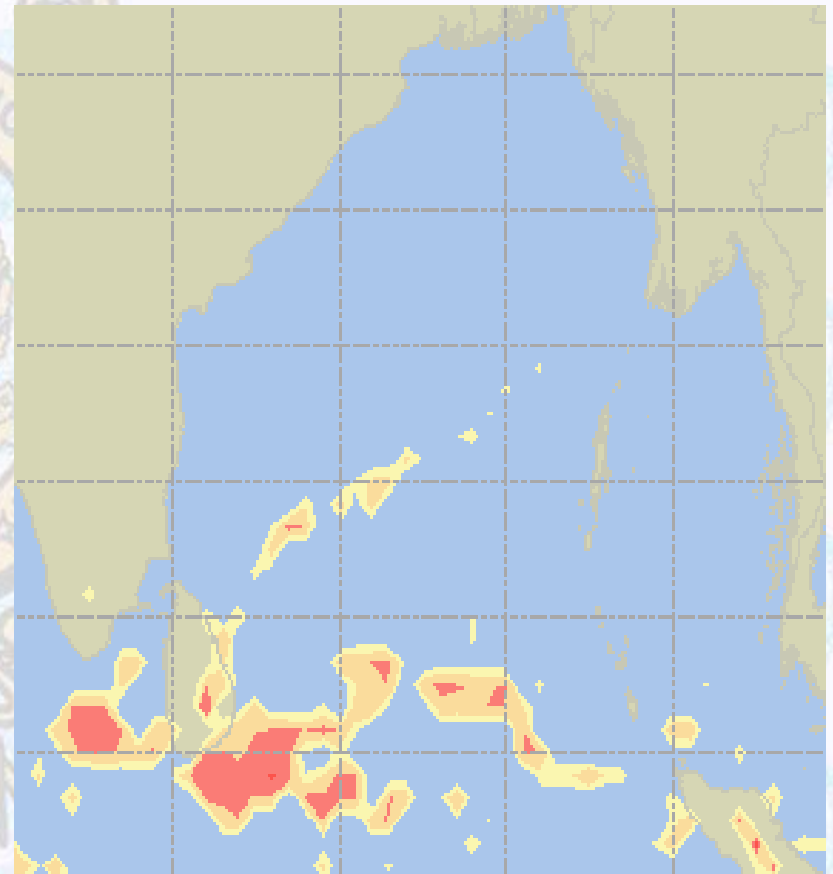
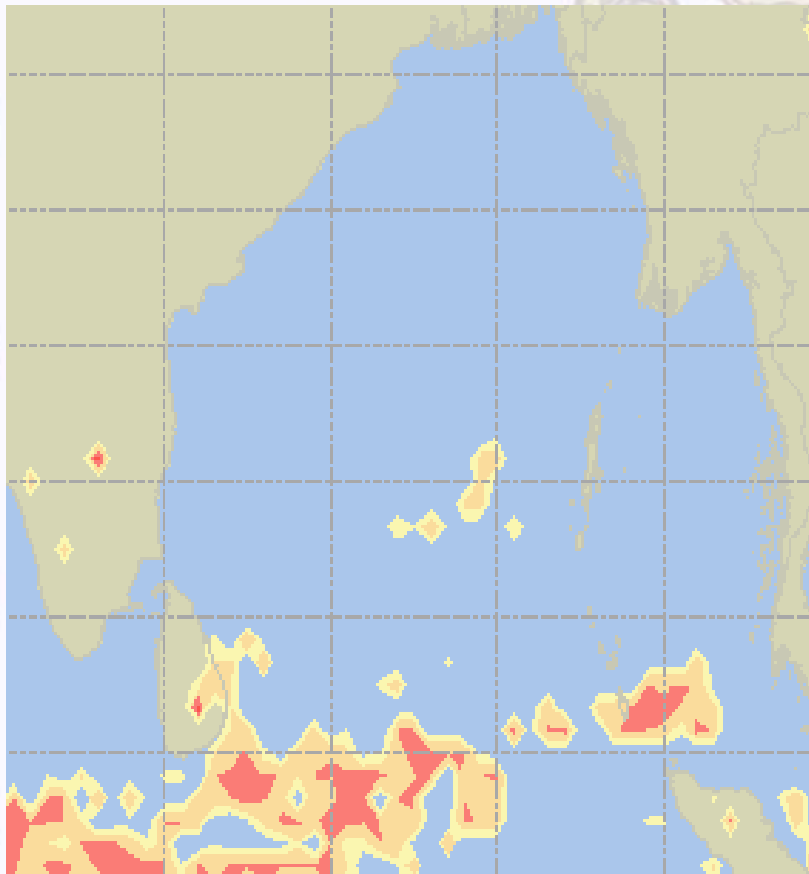




Visibility at Sea Forecast – 21 & 22 Dec 2020

21 Dec 20 Monday

22 Dec 20 Tuesday



Visibility Scale:

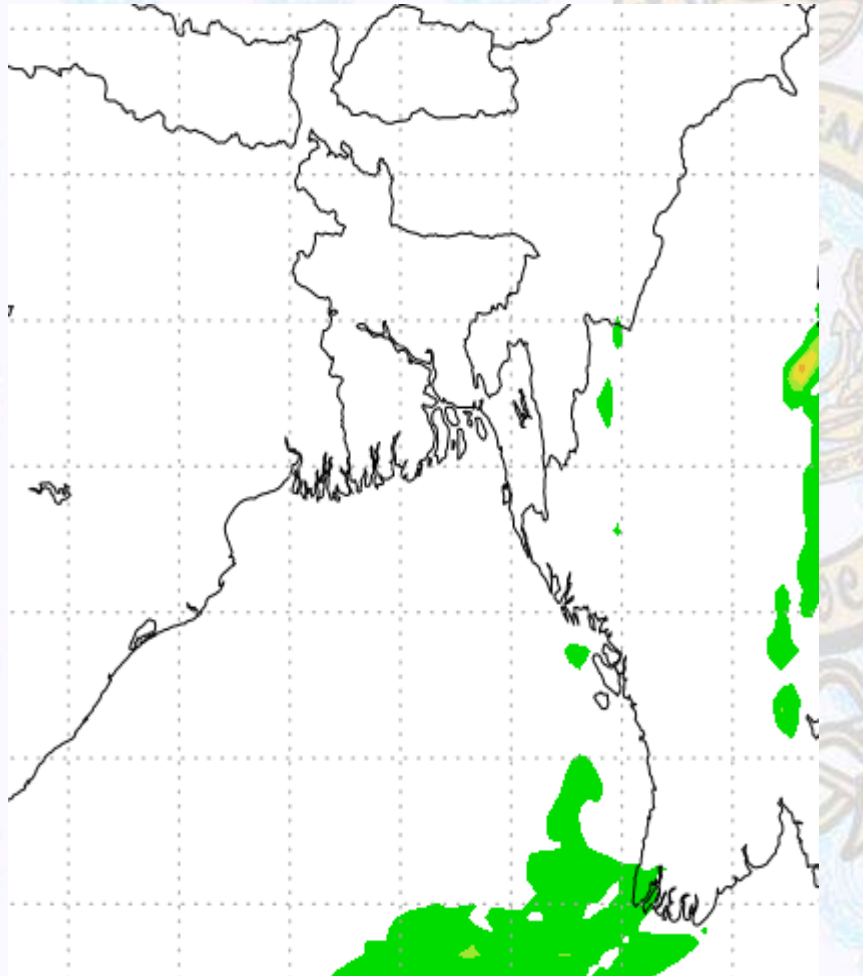


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

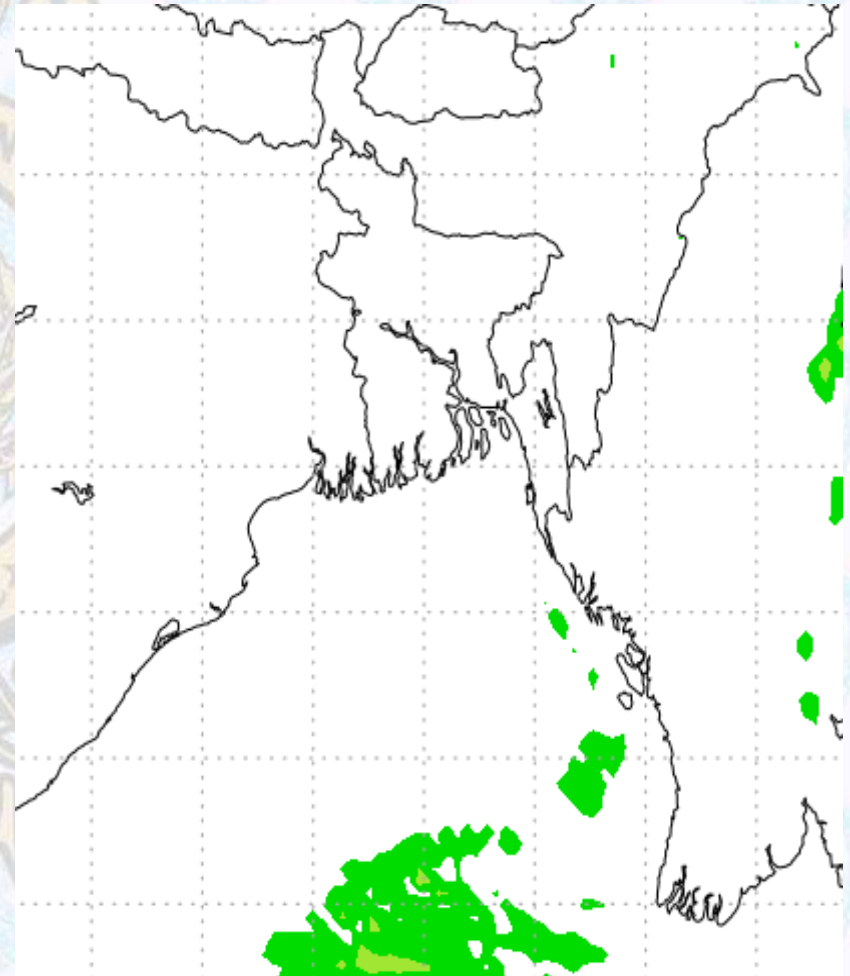


Precipitation

Rain(mm) 21 & 22 Dec2020



Rain(mm) 22 & 23 Dec2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

21 Dec 2020	Time	Height		Time	Height		Time	Height
	0519	3.95		0252	2.84		0244	2.62
	1206	0.83		0928	0.94		0925	1.01
	1810	3.65		1524	2.49		1528	2.34
	-	-		2151	1.04		2129	1.25
22 Dec 2020	Time	Height		Time	Height		Time	Height
	0022	1.29		0344	2.61		0332	2.46
	0619	3.67		1023	1.06		1017	1.08
	1304	0.97		1626	2.39		1631	2.29
	1919	3.57		2255	1.14		2235	1.36
23 Dec 2020	Time	Height		Time	Height		Time	Height
	0137	1.39		0446	2.43		0431	2.32
	0728	3.44		1131	1.12		1117	1.12
	1407	1.05		1743	2.37		1751	2.29
	2032	3.59		-	-		2359	1.39