



WEATHER FORECAST FOR BN

24 - 27 DEC 2020



WEATHER FORECAST – DHAKA

24.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 16	24 / 16	21 / 16	19 / 16
Wind	5 km/h NNW	6 km/h NW	3 km/h WNW	3 km/h NW
Humidity	61%	61%	74%	79%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	30%	35%	29%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 38 AM 17: 18 PM			

Conditions

Pressure : 1014 hpa

Visibility : 2.41 km

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



WEATHER FORECAST – CHATTOGRAM

24.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 17	24 / 17	20 / 17	18 / 17
Wind	8 km/h WNW	8 km/h WNW	5 km/h WNW	5 km/h N
Humidity	63%	63%	82%	90%
Chance of Precip.	1%	1%	4%	6%
Cloud Cover	11%	9%	9%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 29 AM			
Sunset	17: 15 PM			

Conditions

Pressure : 1014 hpa

Visibility : 3:54 Km

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



WEATHER FORECAST – KHULNA

24.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 14	25 / 14	19 / 15	17 / 14
Wind	8 km/h N	6 km/h N	3 km/h NNW	2 km/h NW
Humidity	51%	52%	78%	87%
Chance of Precip.	1%	1%	4%	5%
Cloud Cover	22%	30%	24%	9%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 40 AM 17: 24 PM			

Conditions

Pressure : 1015 hpa

Visibility : 5.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	25 Dec 2020	26 Dec 2020	27 Dec 2020
Temperature (C)	25 °C / 15 °C	25 °C / 14 °C	24 °C / 14 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h38m54s/17h19m00s	6h39m24s/17h19m36s	6h39m42s/17h20m06s
Day Length	10h40m06s	10h40m12s	10h40m24s
Moon Rise/ Set	1:57PM 2:14AM	2:31PM 3:05AM	3:10PM 3:57AM
Moon Phase/ illu	Waxing Gibbous, 77%	Waxing Gibbous, 85%	Waxing Gibbous, 91%
Nautical Twilight	05:45, 18:11	05:45, 18:12	05:46, 18:12
Civil Twilight	06:13, 17:43	06:14, 17:44	06:14, 17:44
Humidity	D : 71% N : 79%	D : 66% N : 77%	D : 66% N : 80%
Barometer (mb)	1014	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	8 Km/h NW	9 Km/h NNW	7 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	25 Dec 2020	26 Dec 2020	27 Dec 2020
Temperature (C)	26 °C/ 15 °C	26 °C/ 14 °C	25 °C/ 13 °C
Summary	AM Fog / Partly Cloudy	AM Fog / Partly Cloudy	AM Fog / Partly Cloudy
Sun Rise/Set	6h30m00s/17h16m24s	6h30m30s/17h17m00s	6h30m48s/17h17m30s
Day Length	10h46m24s	10h46m30s	10h46m42s
Moon Rise/ Set	1:53PM 2:07AM	2:28PM 2:57AM	3:07PM 3:49AM
Moon Phase/ illu	Waxing Gibbous, 77%	Waxing Gibbous, 85%	Waxing Gibbous, 91%
NauticalTwilight	05:37 18:08	05:37 18:09	05:38 18:09
Civil Twilight	06:05, 17:40	06:05, 17:41	06:06, 17:41
Humidity	D : 72% N : 89%	D : 67% N : 86%	D : 68% N : 88%
Barometer (mb)	1012	1013	1013
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	8 Km/h NNW	10 Km/h NNW	9 Km/h NNW

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



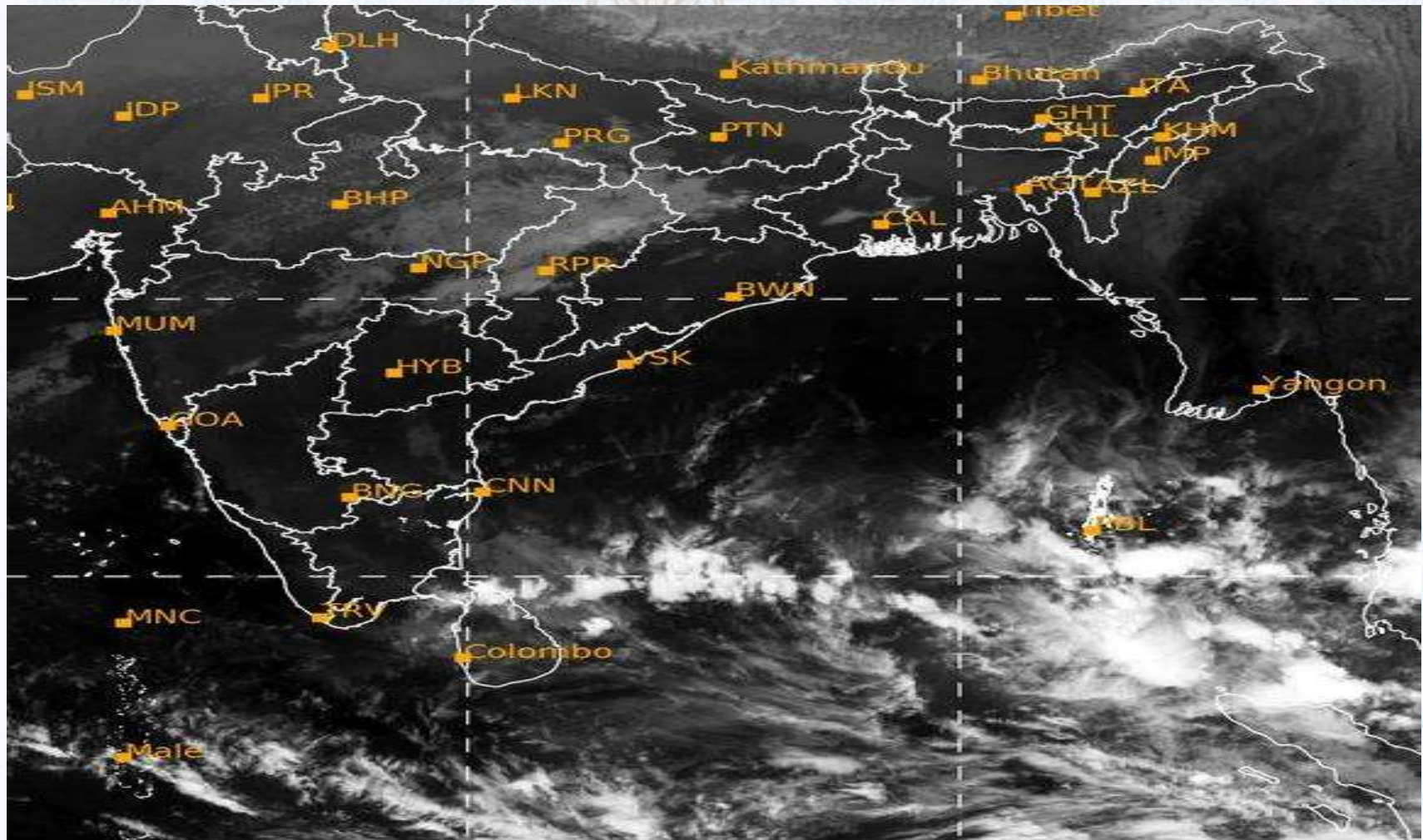
GENERAL WEATHER FORECAST – KHULNA

Description	25 Dec 2020	26 Dec 2020	27 Dec 2020
Temperature(C)	25°C/ 13°C	24°C/ 12°C	24°C/ 12°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h40m12s/17h24m30s	6h40m42s/17h25m00s	6h41m00s/17h25m30s
Day Length	10h44m18s	10h44m18s	10h44m30s
Moon Rise/Set	2:01PM 2:15AM	2:36PM 3:07AM	3:15PM 3:59AM
Moon Phase/illu	Waxing Gibbous, 77%	Waxing Gibbous, 85%	Waxing Gibbous, 91%
NauticalTwilight	05:47, 18:16	05:47, 18:17	05:48, 18:17
Civil Twilight	06:15, 17:48	06:15, 17:49	06:16, 17:49
Humidity	D : 67% N : 81%	D : 62% N : 77%	D : 61% N : 78%
Barometer (mb)	1013	1015	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 km/h NW	10 km/h NNW	9 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

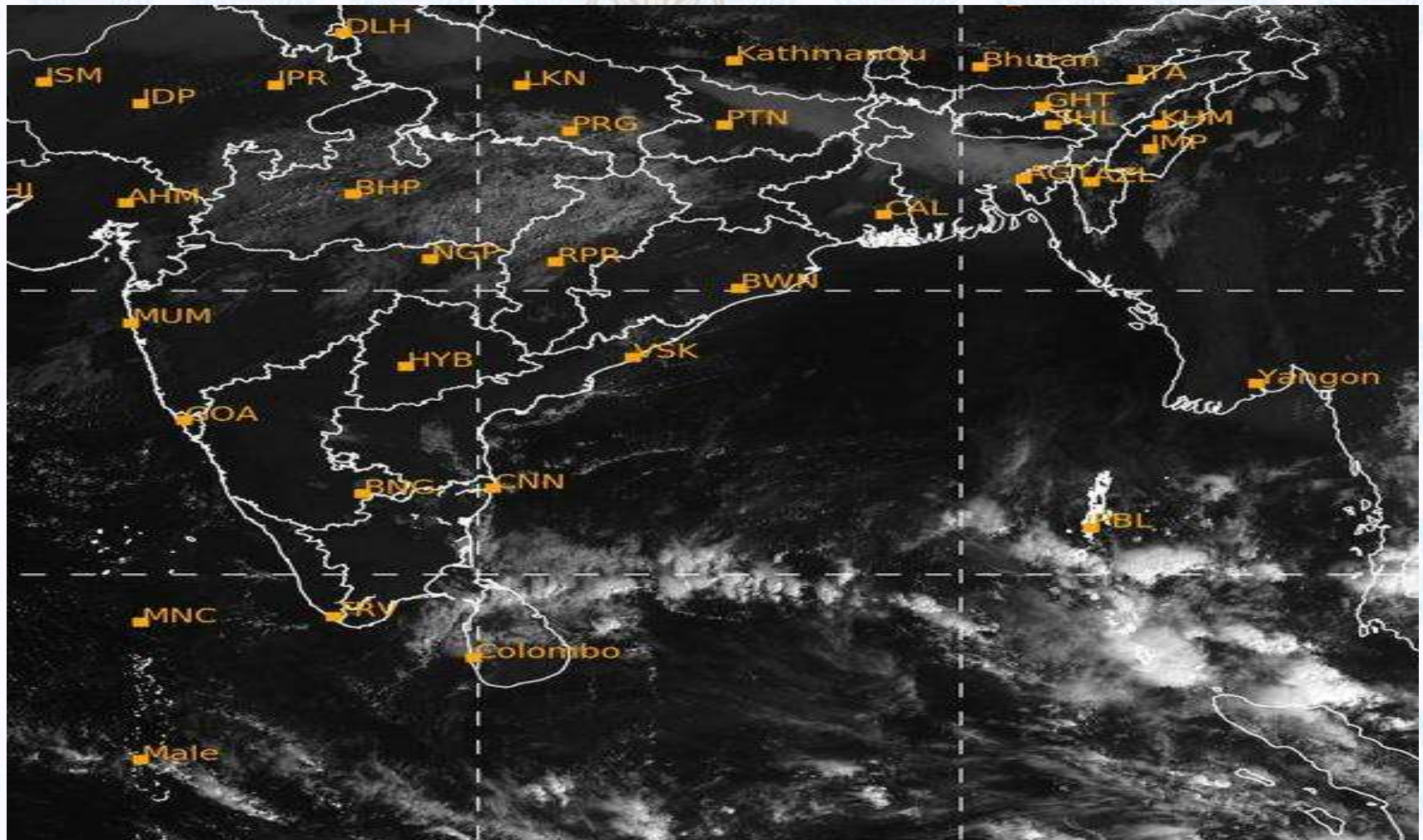


24/12/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



24/12/2020, 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 24.12.2020)

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 FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 24,0000 UTC. CHATTOGRAM =1013 HPA



Inland River Port Warning (VALID TILL 06 PM OF 24.12.2020)

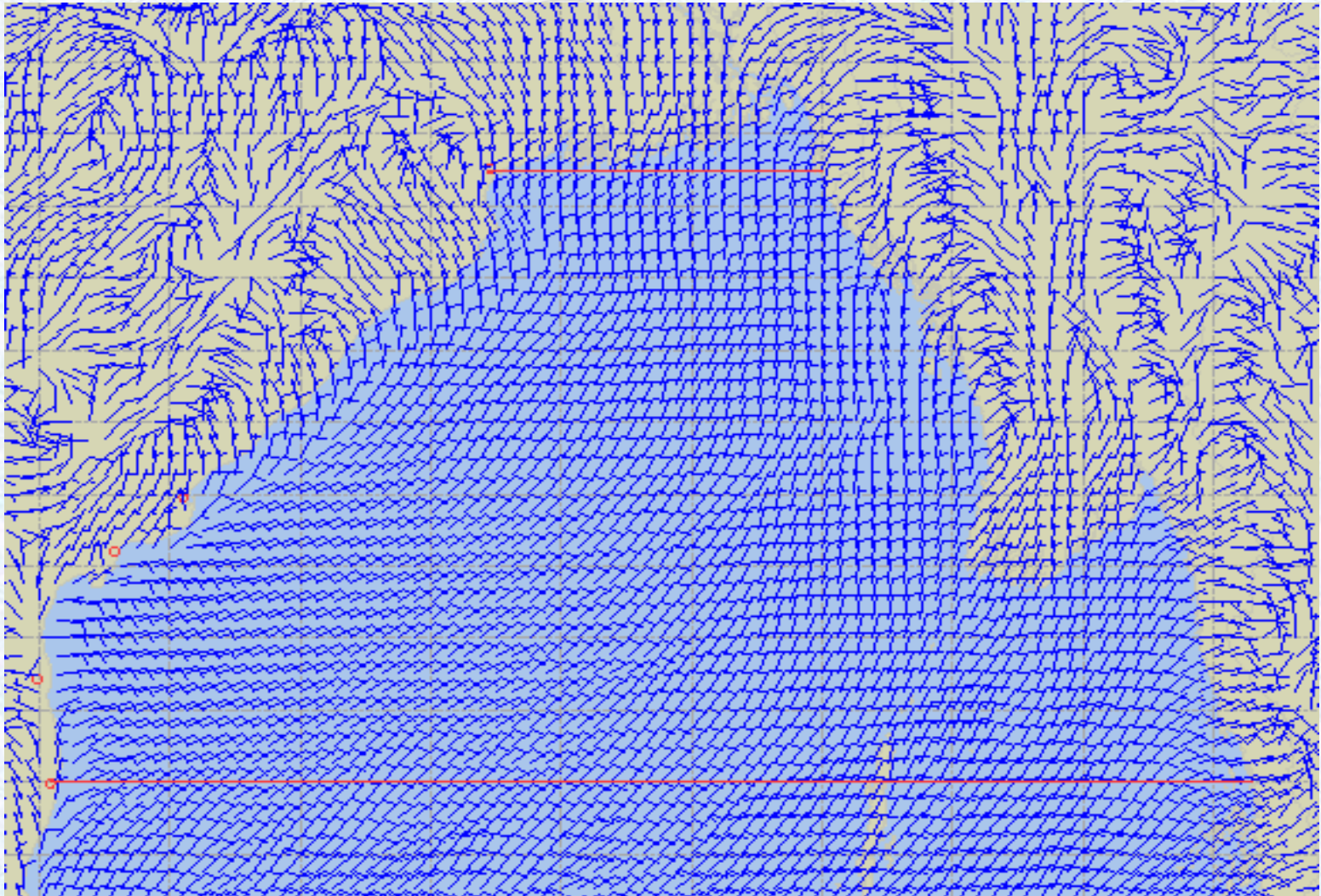
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 25 Dec - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



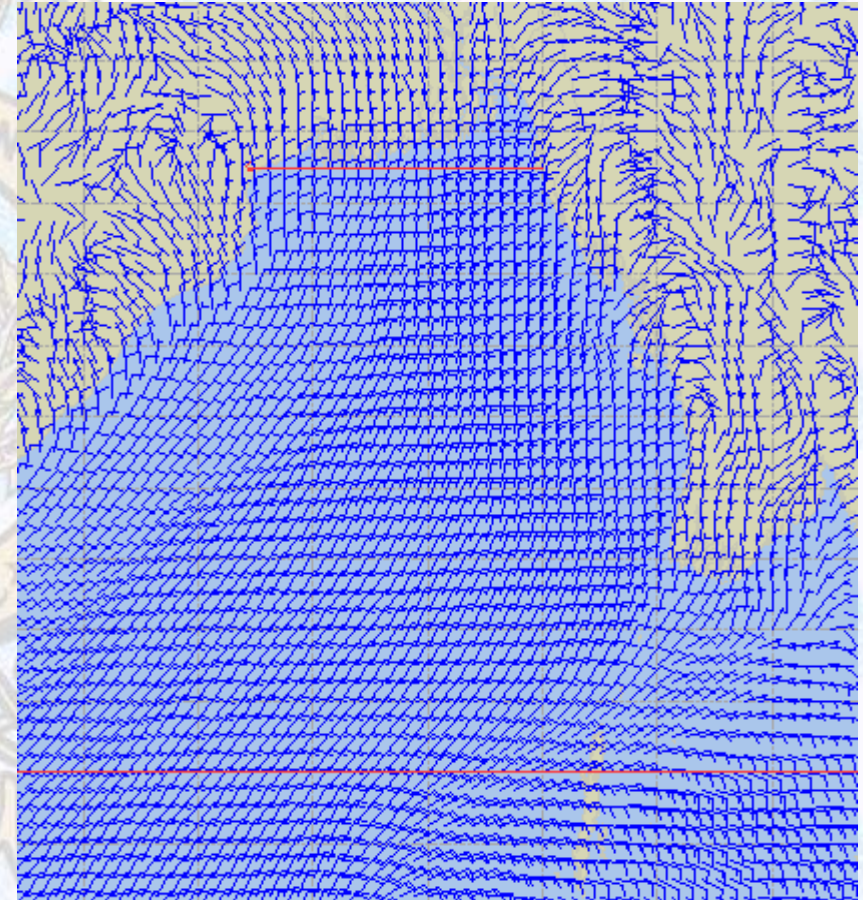
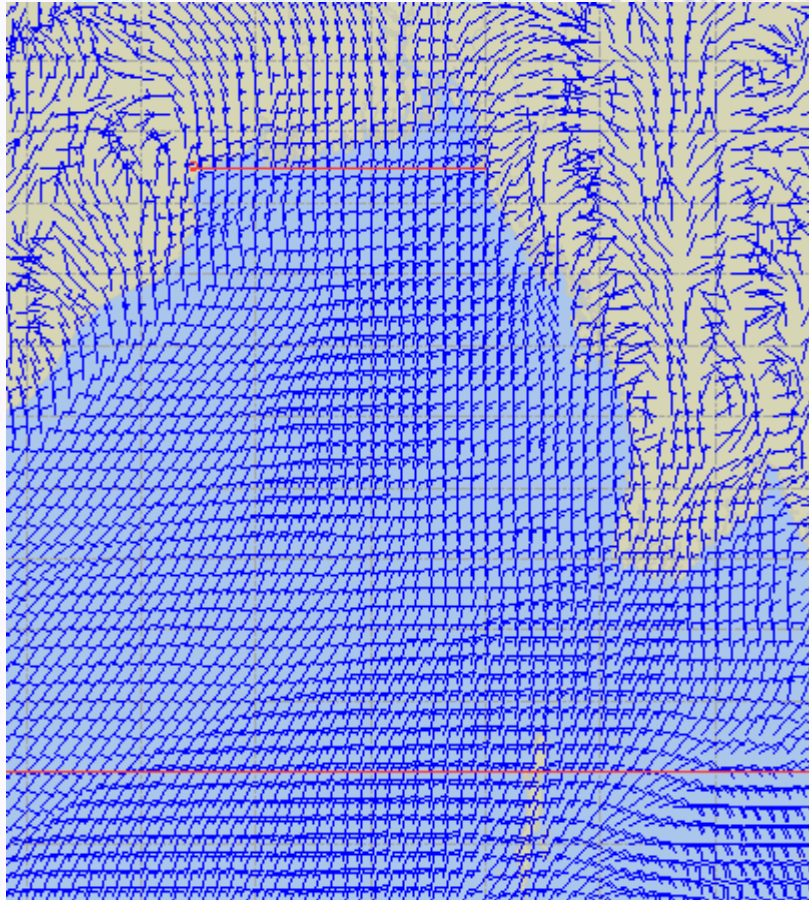
60 Knots



Surface Wind Forecast – 26 & 27 Dec - 2020

26 Dec 20 Saturday

27 Dec 20 Sunday



Legend:



Calm
Winds



5 Knots



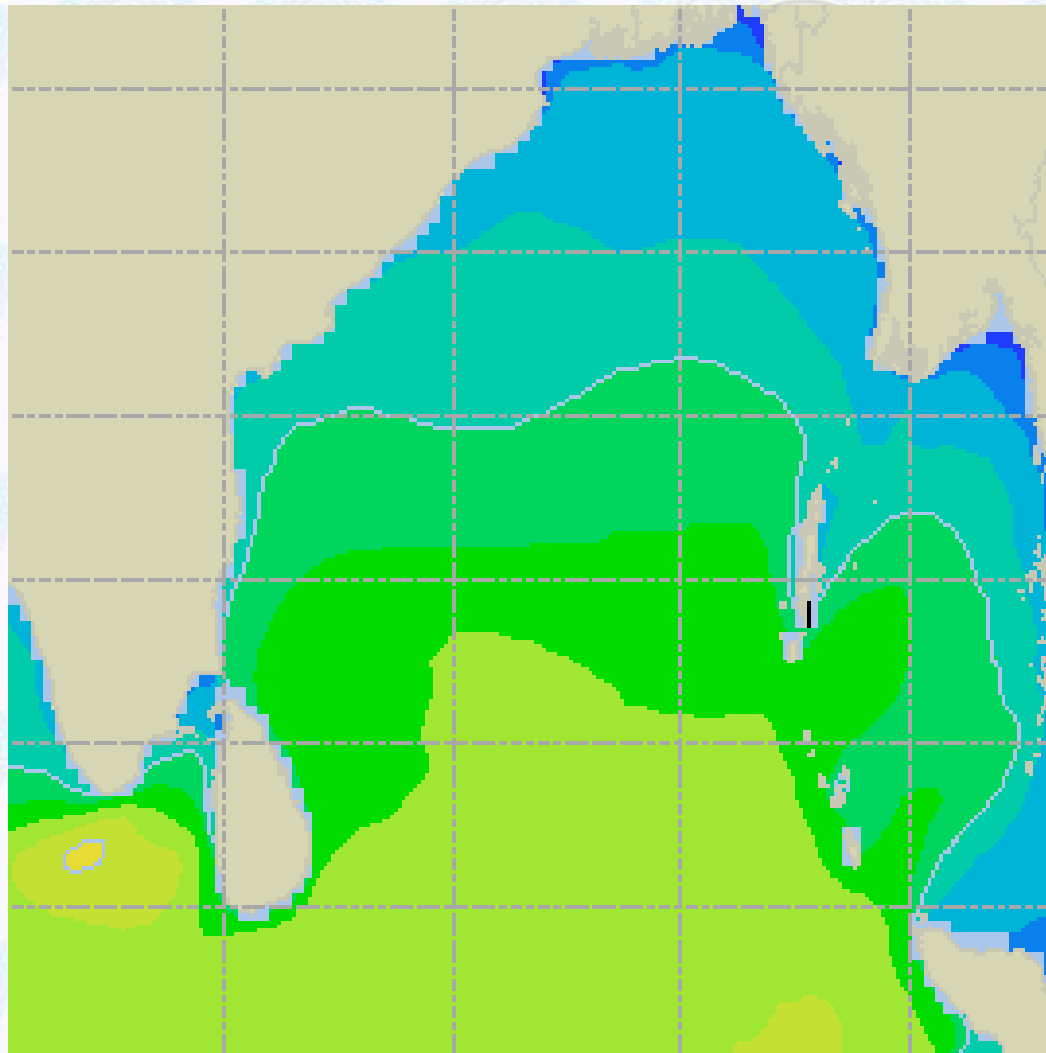
10 Knots



60 Knots



Sea State Forecast – 25 Dec - 2020



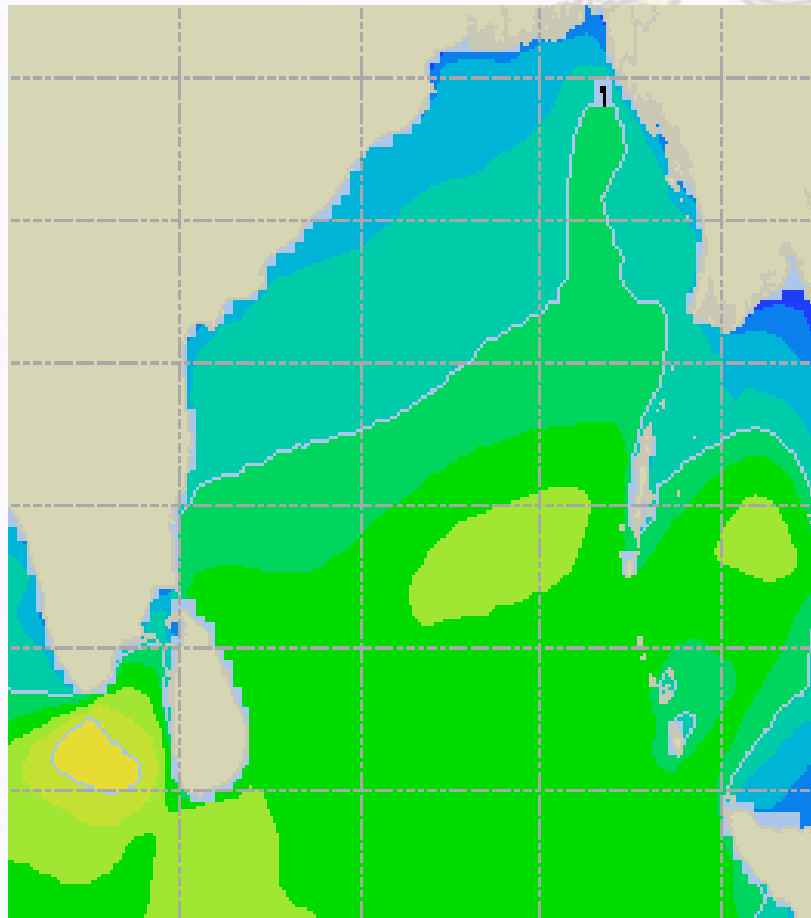
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



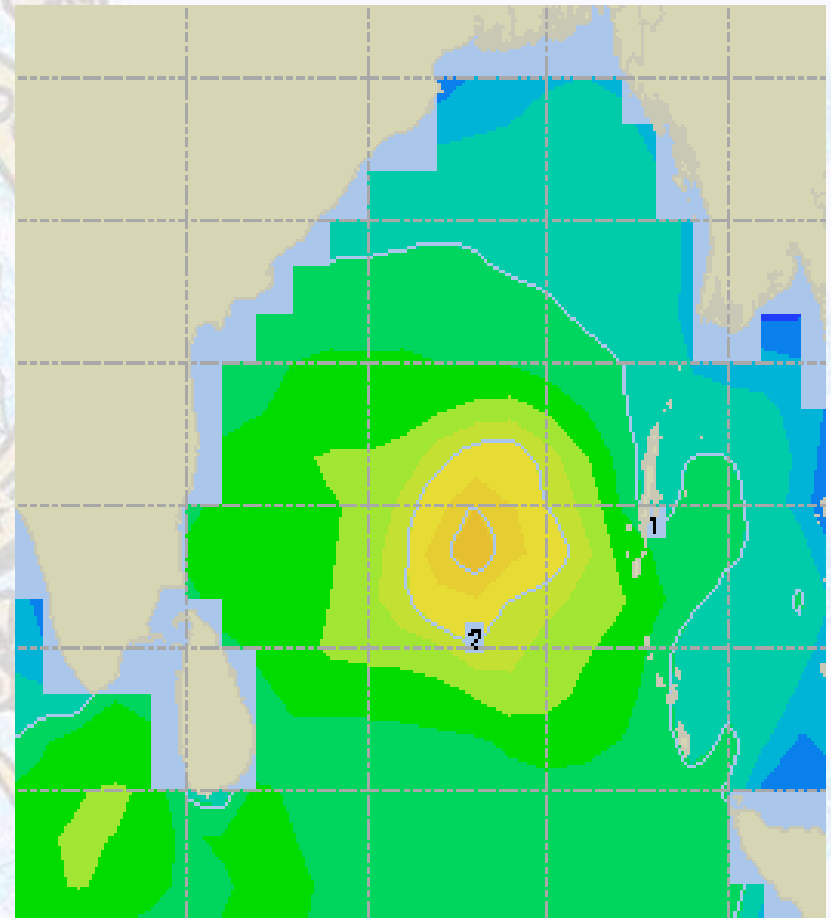


Sea State Forecast – 26 & 27 Dec - 2020

26 Dec 20 Saturday



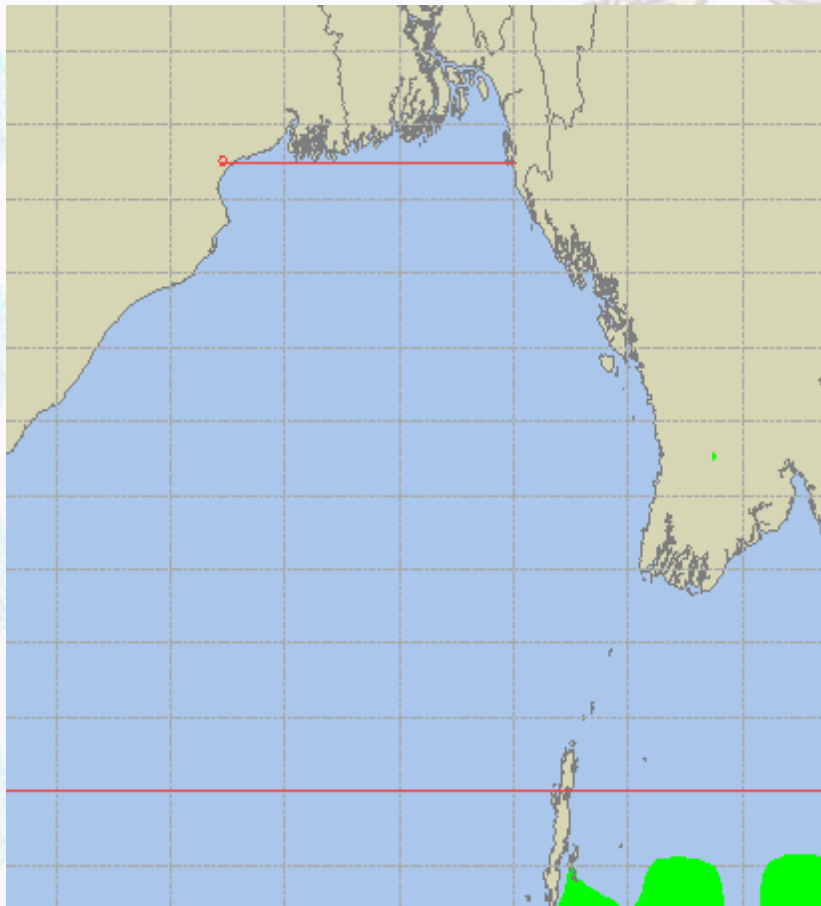
27 Dec 20 Sunday



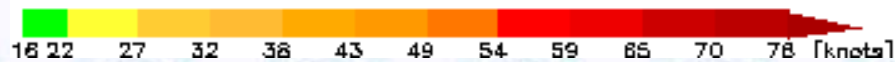
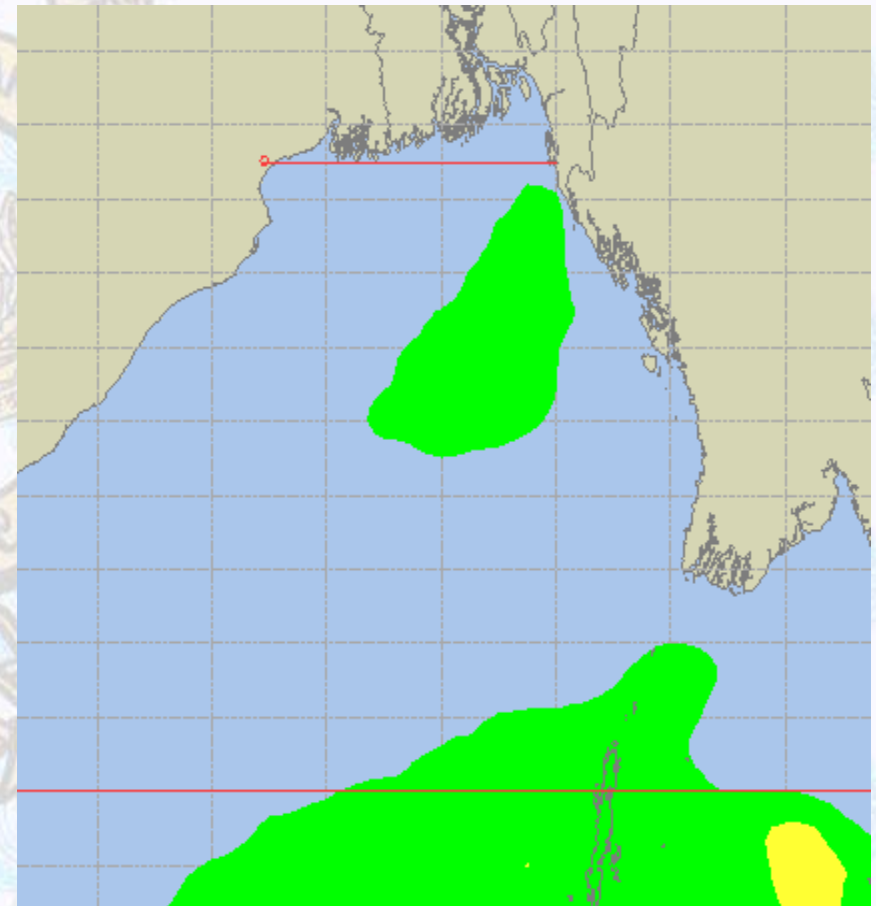


Peak Gusting Possibilities— 25 & 26 Dec 2020

25 Dec 20 Friday



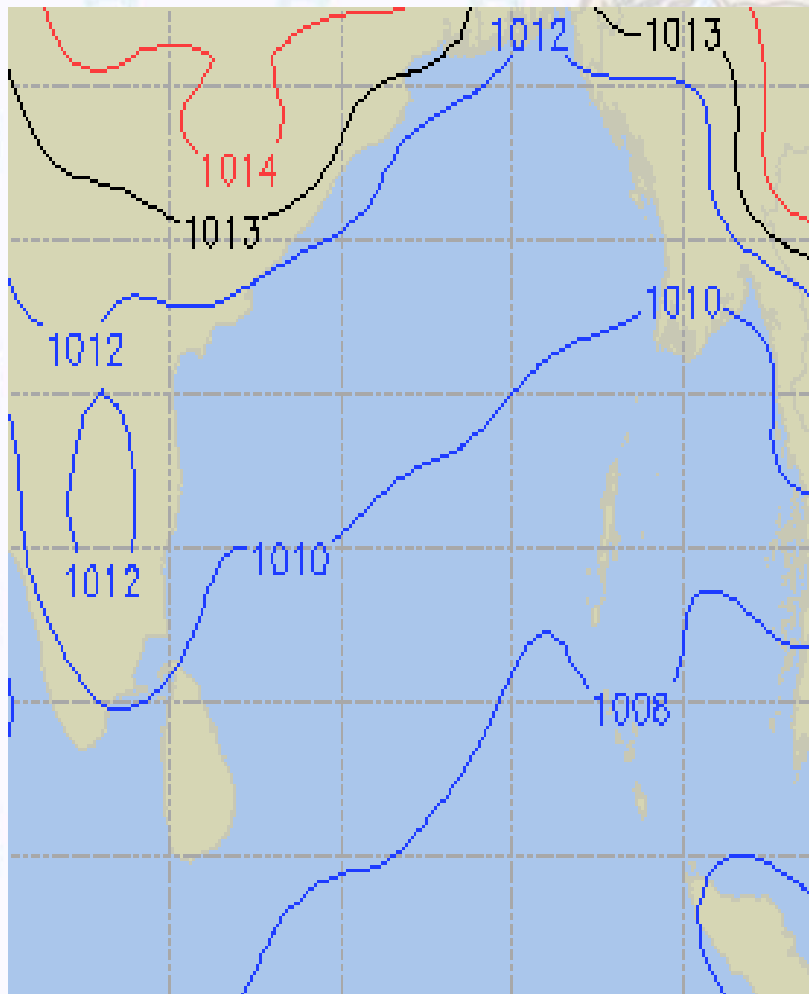
26 Dec 20 Saturday



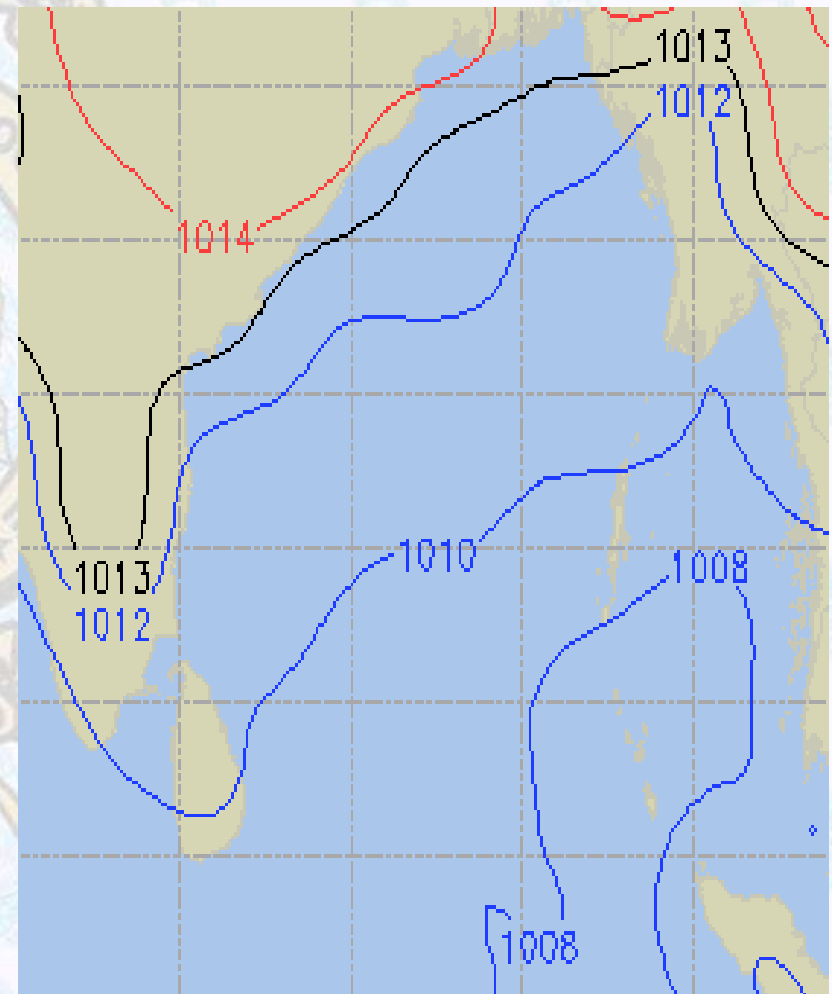


Surface Pressure forecast– 25 & 26 Dec 2020

25 Dec 20 Friday



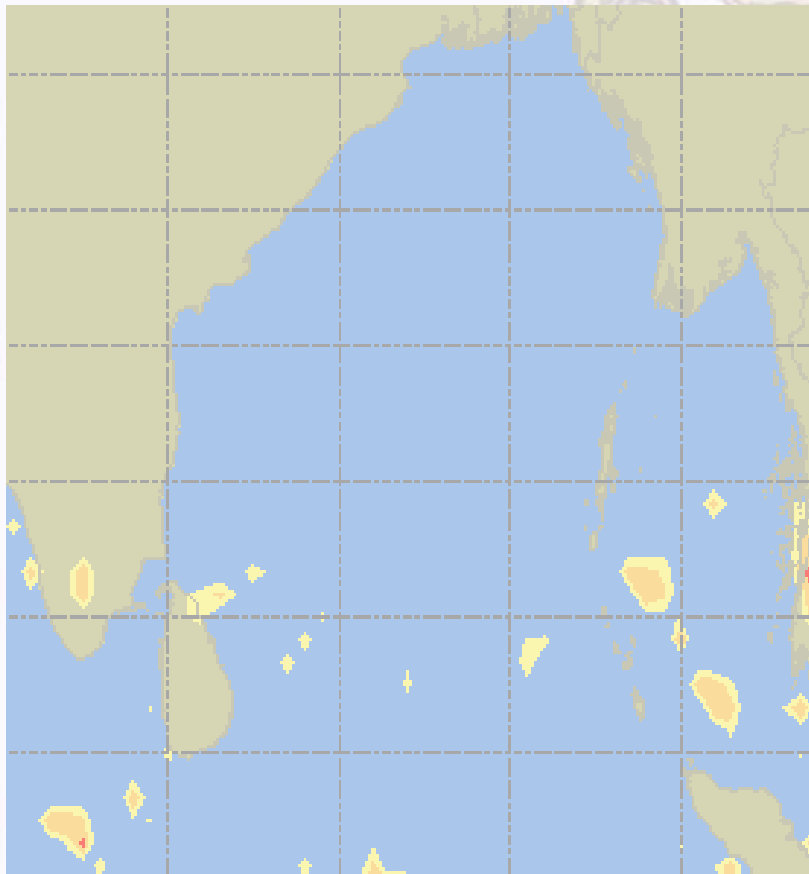
26 Dec 20 Saturday



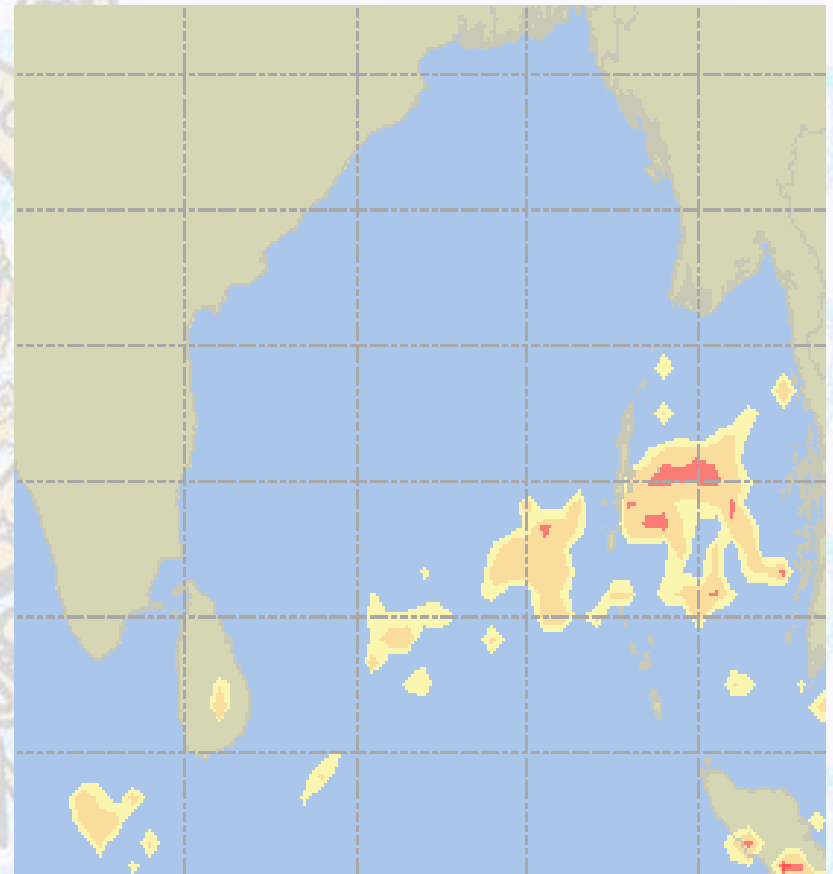


Visibility at Sea Forecast – 25 & 26 Dec 2020

25 Dec 20 Friday



26 Dec 20 Saturday



Visibility Scale:

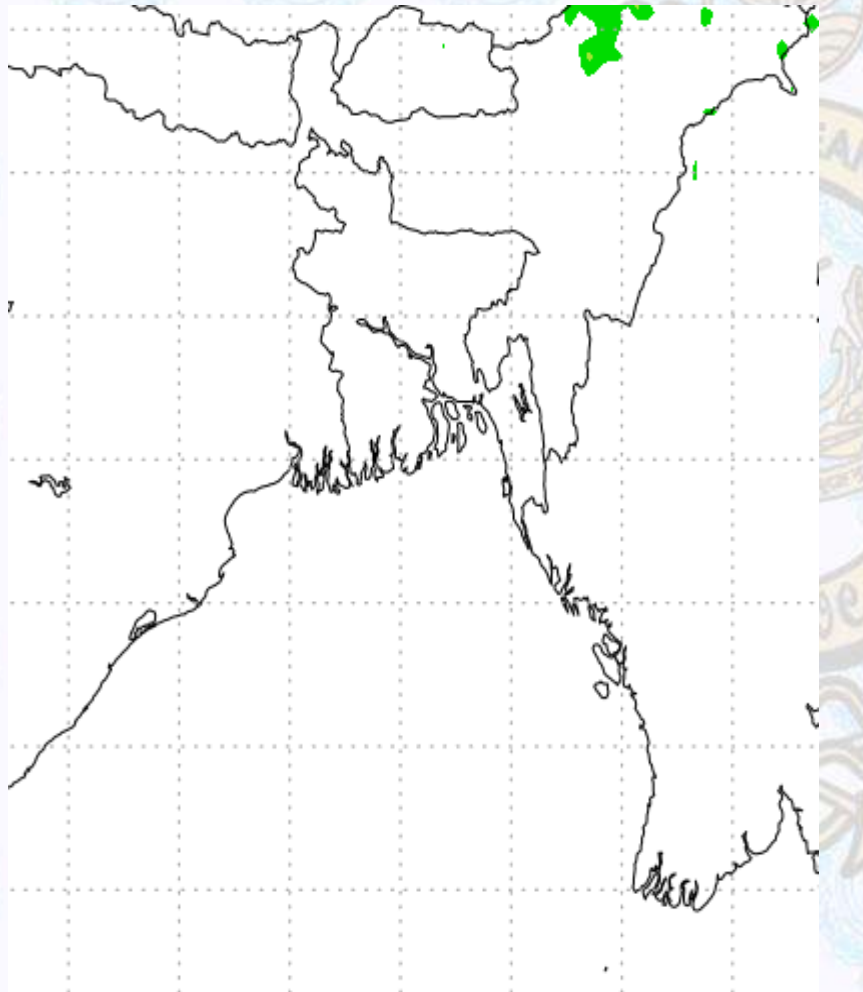


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

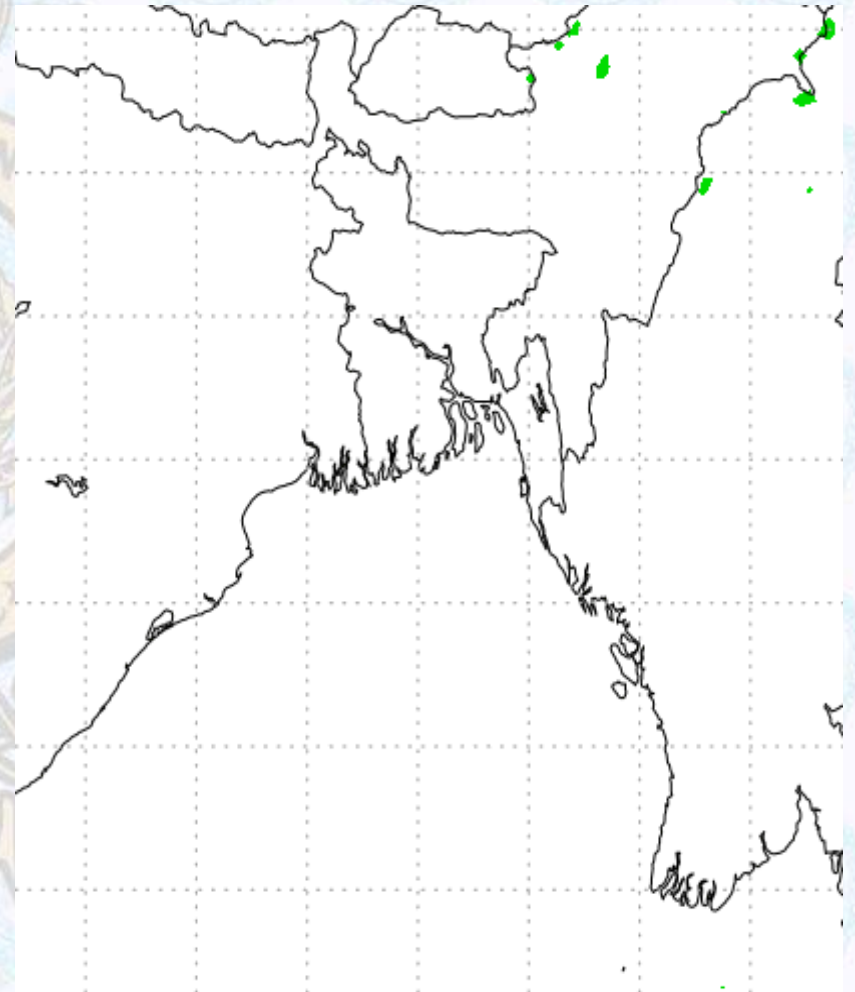


Precipitation

Rain(mm) 25 & 26 Dec2020



Rain(mm) 26 & 27 Dec2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

25 Dec 2020	Time	Height		Time	Height		Time	Height
	0405	1.20		0125	1.13		0122	1.32
	0951	3.33		0711	2.34		0707	2.18
	1606	1.00		1344	1.02		1324	1.04
	2227	3.84		1955	2.65		2003	2.48
26 Dec 2020	Time	Height		Time	Height		Time	Height
	0458	1.02		0227	1.01		0225	1.20
	1047	3.41		0810	2.42		0812	2.22
	1654	0.91		1436	0.91		1416	0.95
	2309	3.99		2041	2.84		2049	2.60
27 Dec 2020	Time	Height		Time	Height		Time	Height
	0543	0.87		0317	0.88		0314	1.07
	1131	3.52		0857	2.54		0902	2.29
	1736	0.80		1523	0.78		1501	0.85
	2344	4.12		2122	3.03		2128	2.69