



WEATHER FORECAST FOR BN

01 JAN - 04 JAN 2021





WEATHER FORECAST – DHAKA

01.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 15	25 / 15	21 / 15	19 / 15
Wind	6 km/h WNW	7 km/h WNW	3 km/h WNW	4 km/h NW
Humidity	55%	54%	70%	79%
Chance of Precip	1%	1%	3%	5%
Cloud Cover	20%	16%	3%	21%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 40 AM 17: 22 PM			

Conditions

Pressure : 1017 hpa

Visibility : 2.25 km

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



WEATHER FORECAST – CHATTOGRAM

01.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 15	25 / 16	20 / 17	18 / 16
Wind	11 km/h W	8 km/h W	5 km/h WNW	4 km/h N
Humidity	53%	58%	81%	89%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	3%	4%	3%	14%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 32 AM			
Sunset	17: 20 PM			

Conditions

Pressure : 1015 hpa

Visibility : 3:22 Km

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



WEATHER FORECAST – KHULNA

01.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 12	25 / 12	18 / 13	16 / 12
Wind	3 km/h NNW	8 km/h NNW	4 km/h NNW	3 km/h NNW
Humidity	44%	45%	72%	81%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	20%	19%	1%	8%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 42 AM 17: 28 PM			

Conditions

Pressure : 10156 hpa

Visibility : 5.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	02 Jan 2021	03 Jan 2021	04 Jan 2021
Temperature (C)	26 °C / 14 °C	26 °C / 15 °C	27 °C / 16 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h41m42s/17h23m36s	6h41m54s/17h24m12s	6h42m12s/17h24m54s
Day Length	10h41m54s	10h42m15s	10h42m42s
Moon Rise/ Set	8:28 PM 9:13 AM	9:28 PM 9:56 AM	10:27 PM 10:35 AM
Moon Phase/ illu	Waning Gibbous, 88%	Waning Gibbous, 80%	Waning Gibbous, 71%
Nautical Twilight	05:48, 18:16	05:49, 18:15	05:50, 18:14
Civil Twilight	06:16, 17:47	06:17, 17:46	06:18, 17:45
Humidity	D : 67% N : 79%	D : 65% N : 78%	D : 65% N : 78%
Barometer (mb)	1015	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	8 Km/h NW	6 Km/h NW	6 Km/h NNW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	02 Jan 2021	03 Jan 2021	04 Jan 2021
Temperature (C)	26 °C/ 14 °C	27 °C/ 14 °C	25 °C/ 15 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h32m48s/17h20m54s	6h33m00s/17h21m36s	6h33m18s/17h22m18s
Day Length	10h48m06s	10h48m36s	10h49m00s
Moon Rise/ Set	8:24 PM 9:04 AM	9:24 PM 9:48 AM	10:22 PM 10:28 AM
Moon Phase/ illu	Waning Gibbous, 88%	Waning Gibbous, 81%	Waning Gibbous, 71%
Nautical Twilight	05:40 18:13	05:41 18:12	05:42 18:11
Civil Twilight	06:08, 17:45	06:09, 17:44	06:10, 17:43
Humidity	D : 69% N : 90%	D : 68% N : 87%	D : 65% N : 86%
Barometer (mb)	1015	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	7 Km/h NW	7 Km/h NW	6 Km/h NNW

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



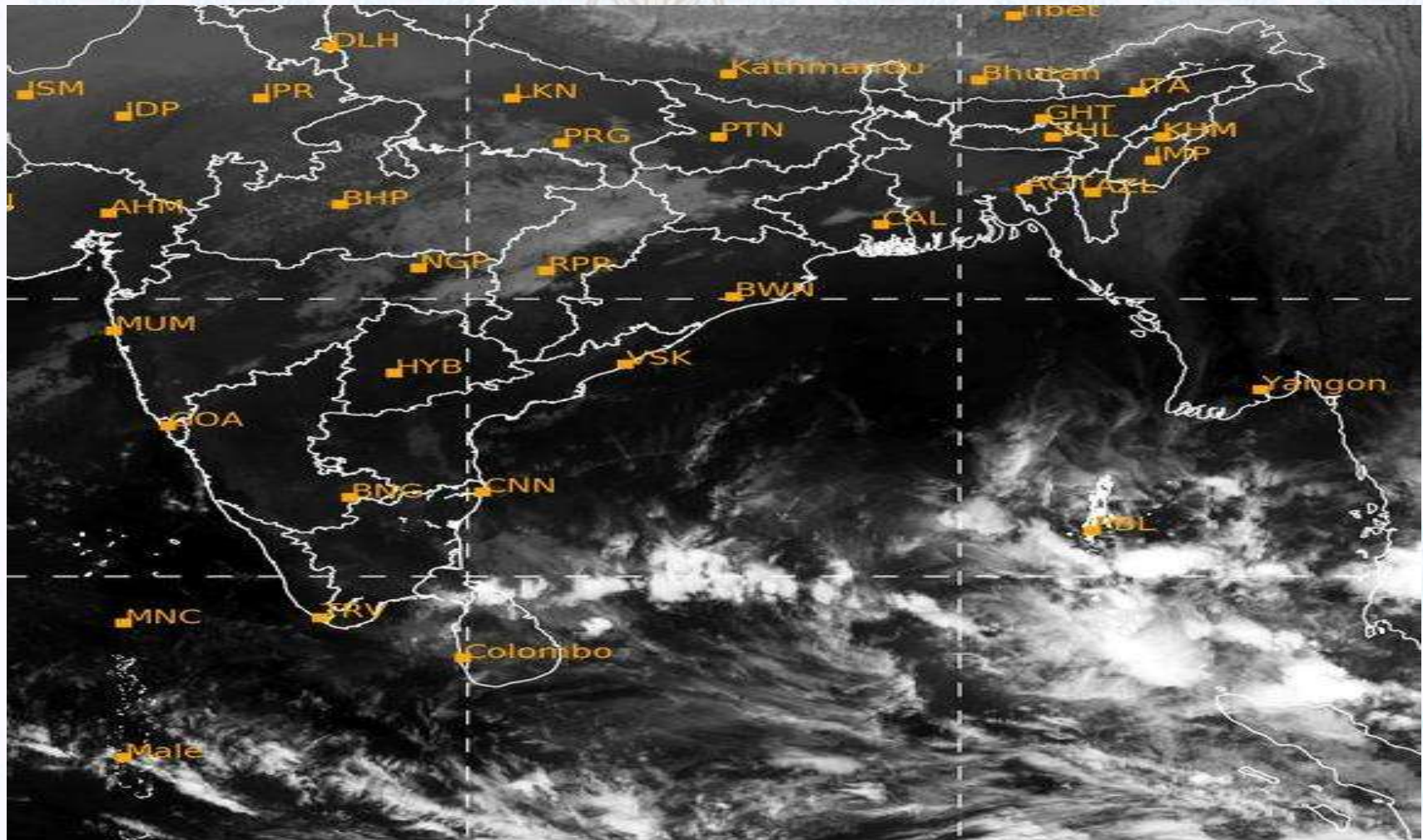
GENERAL WEATHER FORECAST – KHULNA

Description	02 Jan 2021	03 Jan 2021	04 Jan 2021
Temperature(C)	25°C/ 13°C	26°C/ 14°C	27°C/ 15°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h43m00s/17h29m00s	6h43m12s/17h29m42s	6h43m30s/17h30m24s
Day Length	10h46m00s	10h46m30s	10h46m54s
Moon Rise/Set	8:33 PM 9:15 AM	9:33 PM 9:58 AM	10:31 PM 10:38 AM
Moon Phase/illu	Waning Gibbous, 88%	Waning Gibbous, 80%	Waning Gibbous, 71%
Nautical Twilight	05:50, 18:21	05:51, 18:20	05:52, 18:19
Civil Twilight	06:18, 17:53	06:19, 17:52	06:20, 17:51
Humidity	D : 62% N : 79%	D : 61% N : 78%	D : 63% N : 79%
Barometer (mb)	1015	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 km/h NW	7 km/h NNW	8 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

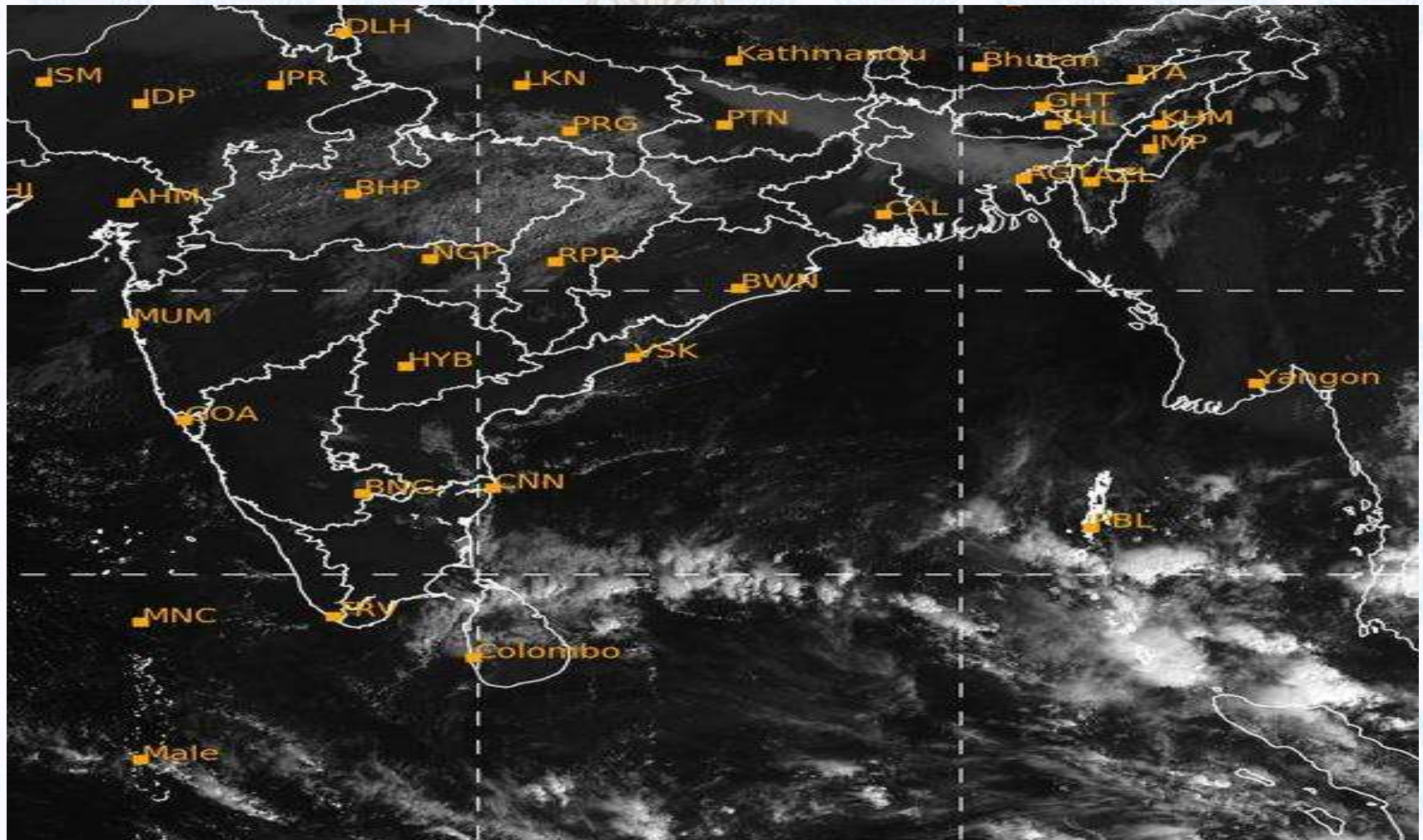


01/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



01/01/2021, 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 01.01.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	SEASONAL OVER AREA C-90.
	Wind	NORTH/NORTH-WESTERLY, 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 = 01,0000 UTC. CHATTOGRAM =1015 HPA



Inland River Port Warning (VALID TILL 06 PM OF 01.01.2020)

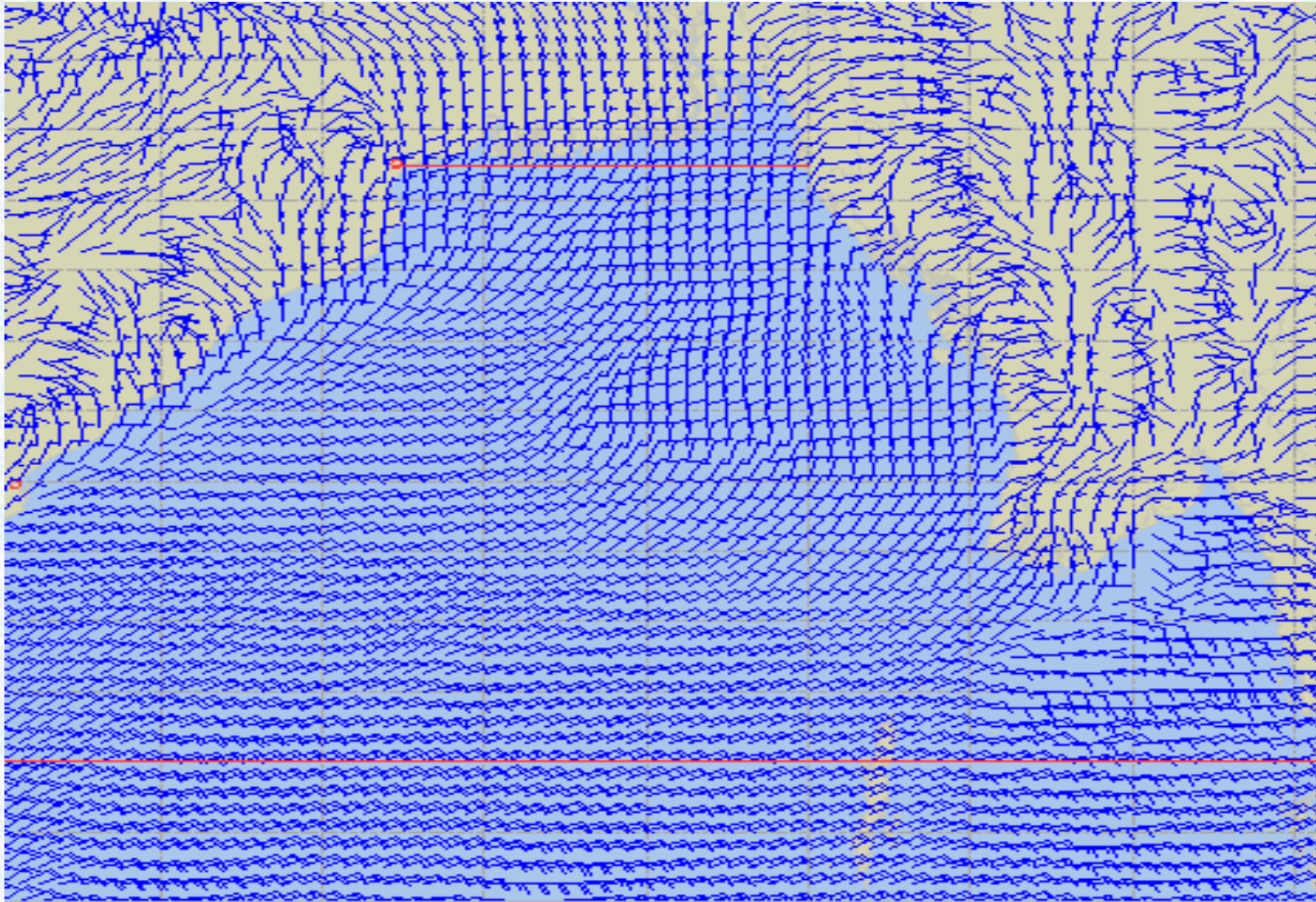
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 02 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



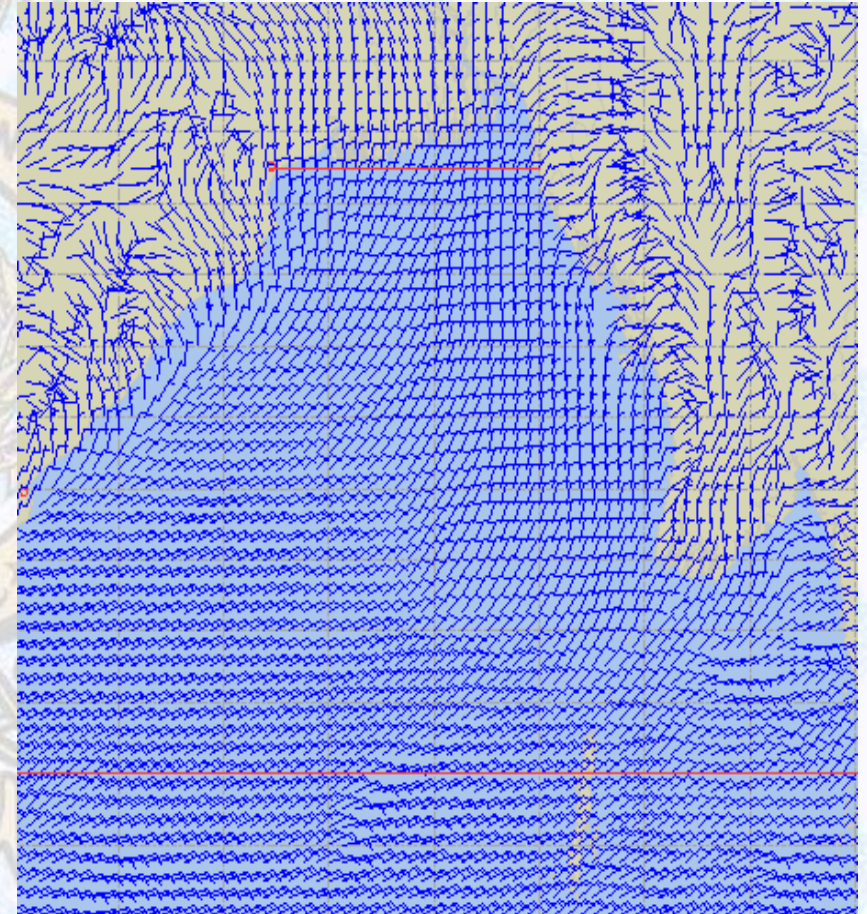
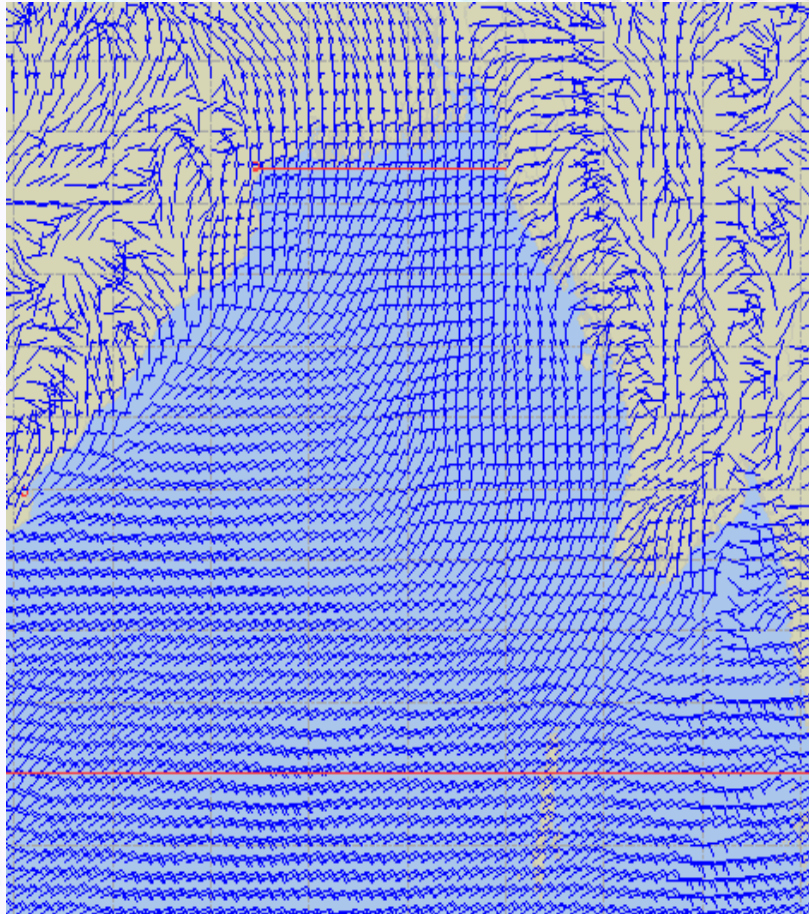
60 Knots



Surface Wind Forecast – 03 & 04 Jan - 2021

03 Jan 21 Sunday

04 Jan 21 Monday



Legend:



Calm
Winds



5 Knots



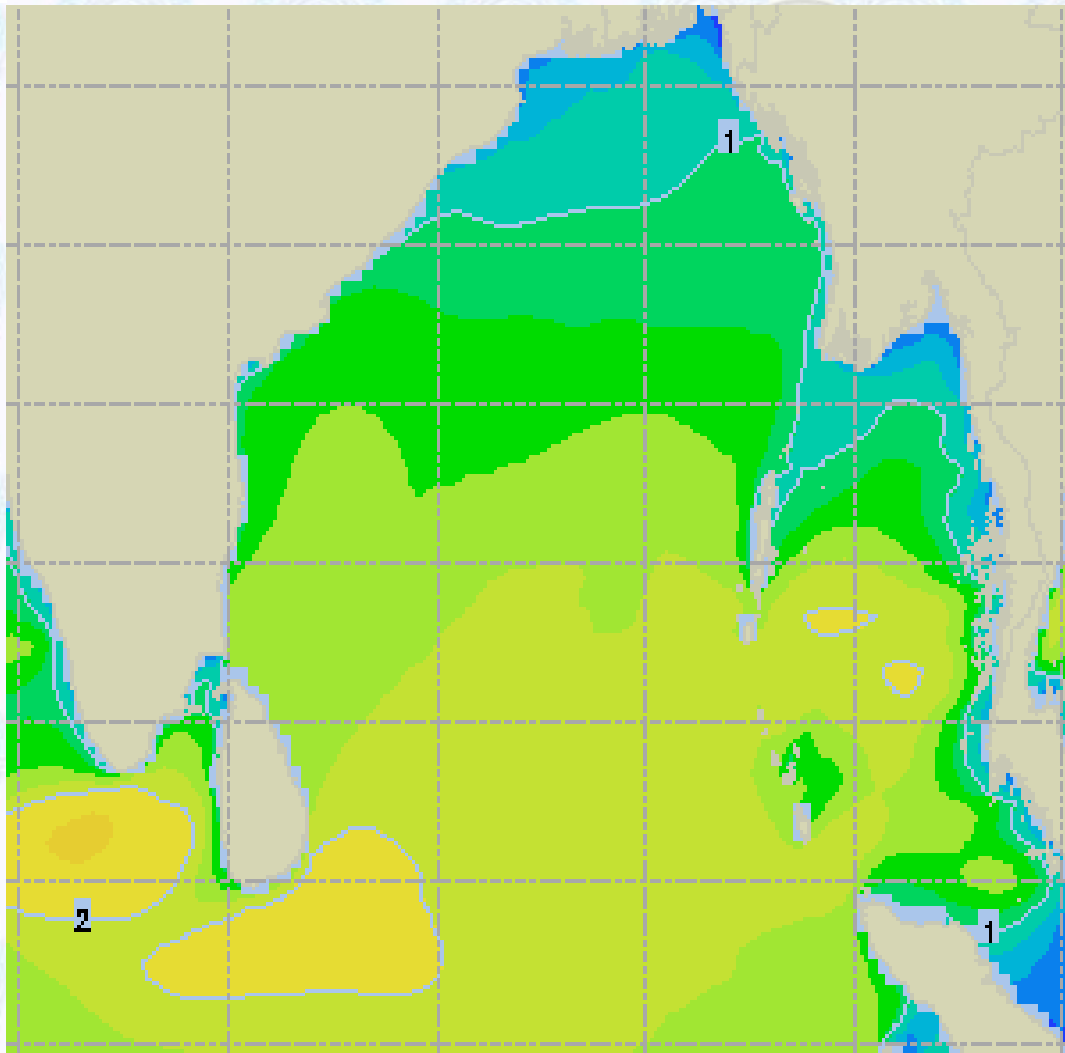
10 Knots



60 Knots



Sea State Forecast – 02 Jan - 2021



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

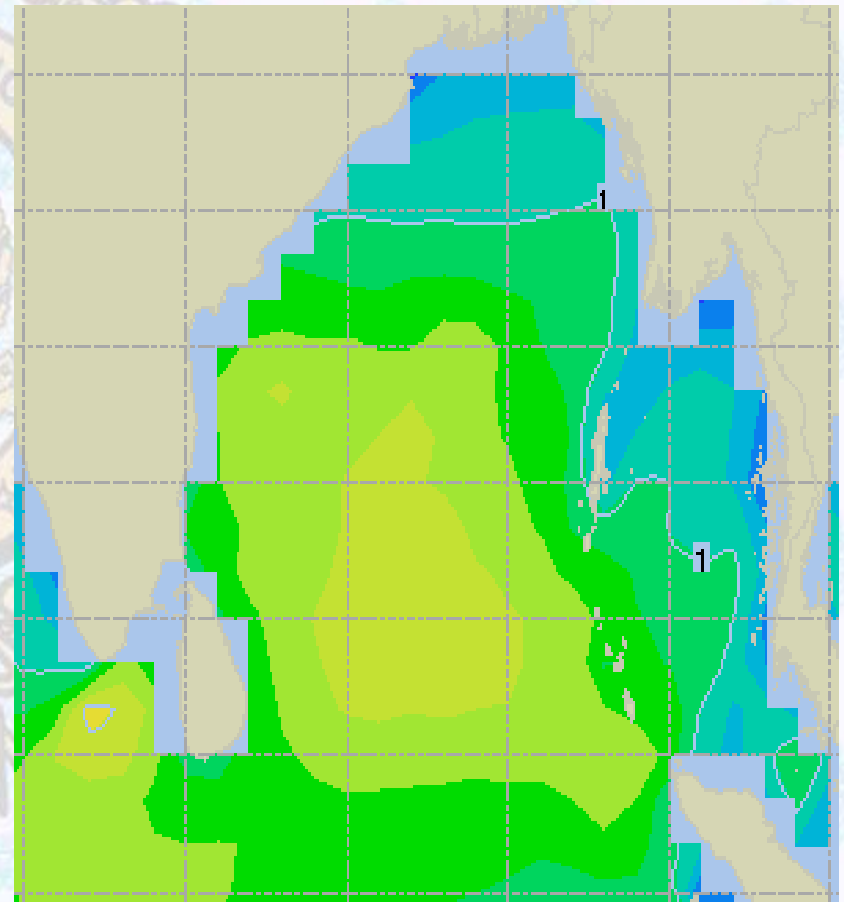
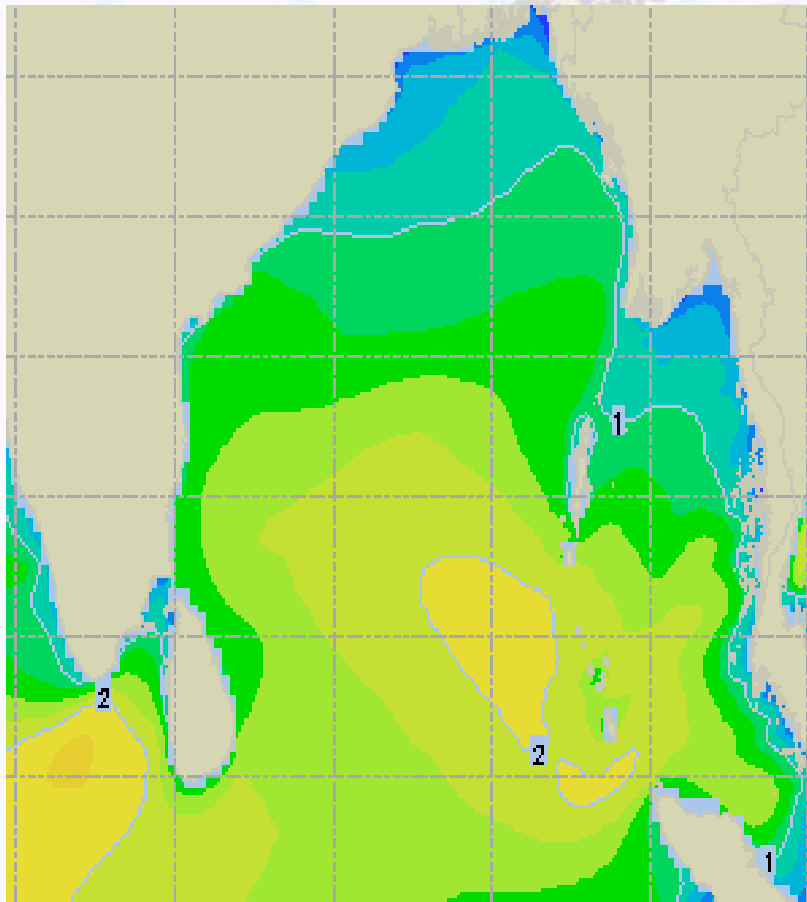




Sea State Forecast – 03 & 04 Jan - 2021

03 Jan 21 Sunday

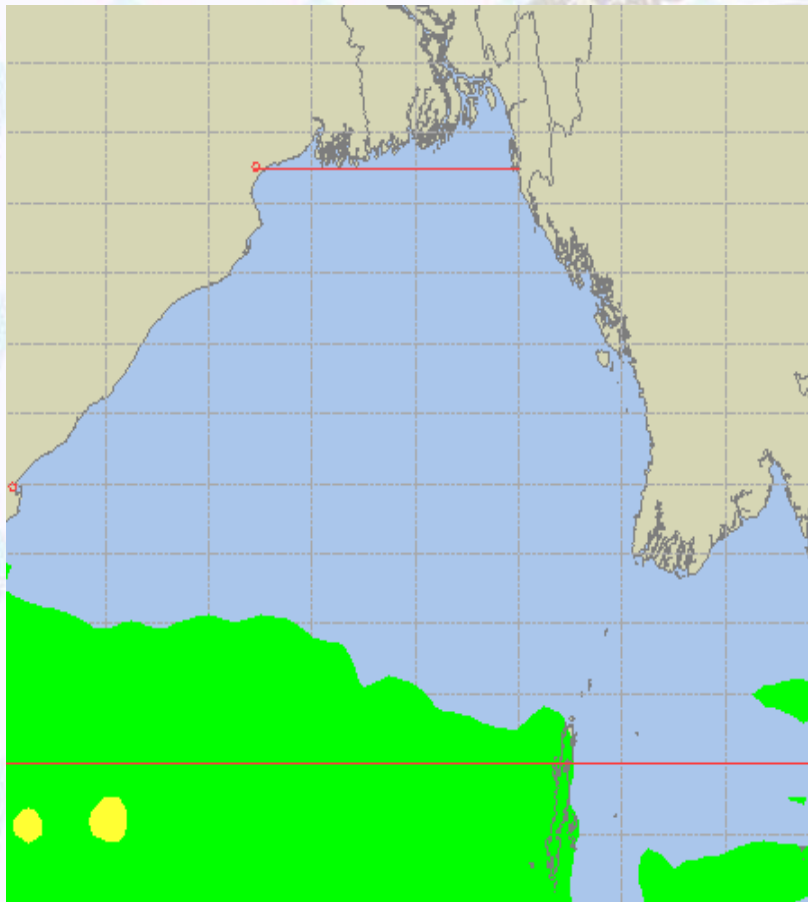
04 Jan 21 Monday



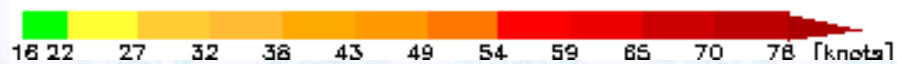
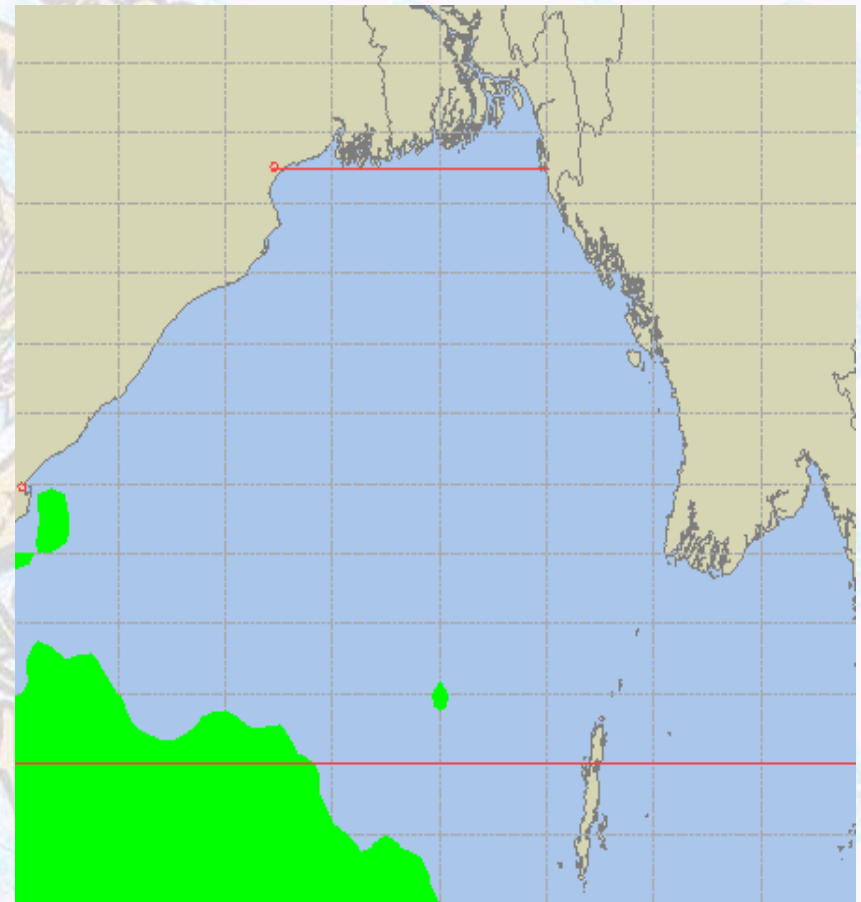


Peak Gusting Possibilities– 02 & 03 Jan 2021

02 Jan 21 Saturday



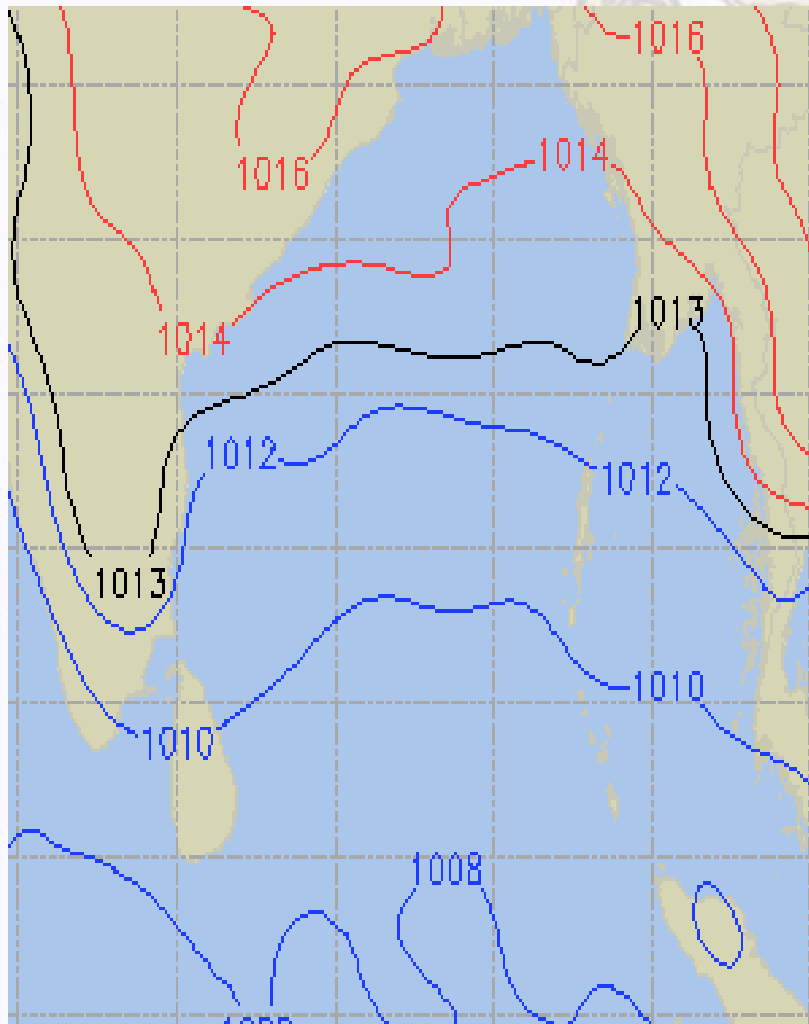
03 Jan 21 Sunday



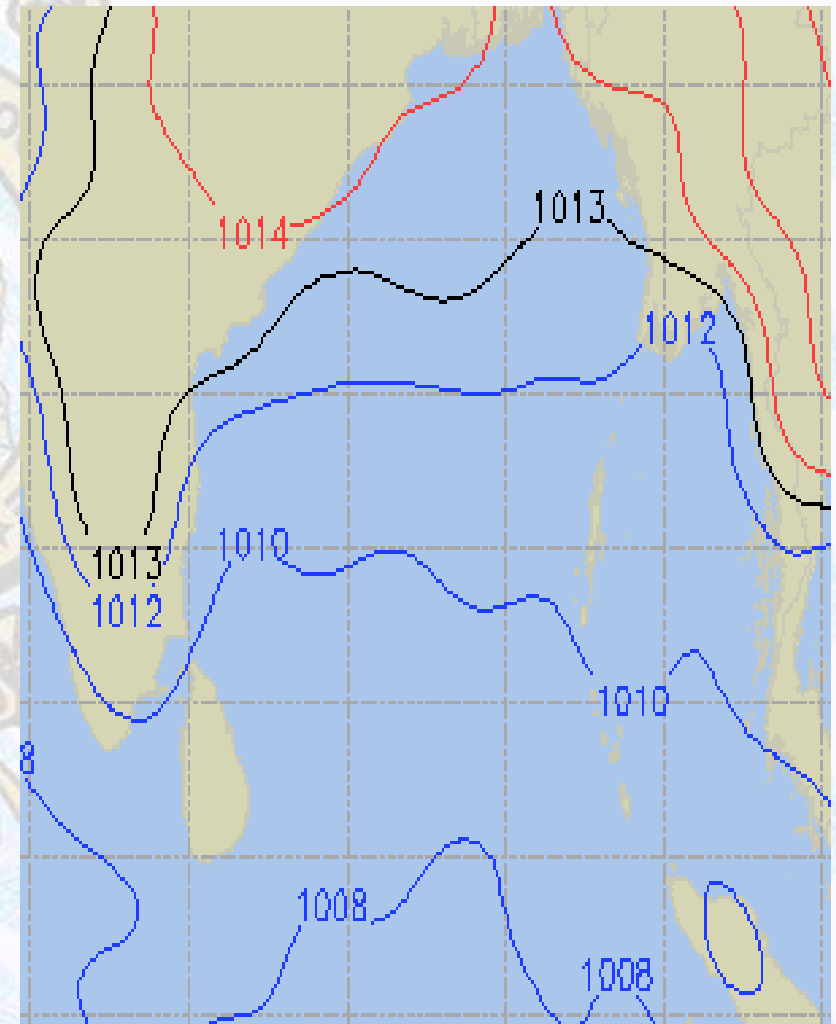


Surface Pressure forecast – 02 & 03 Jan 2021

02 Jan 21 Saturday



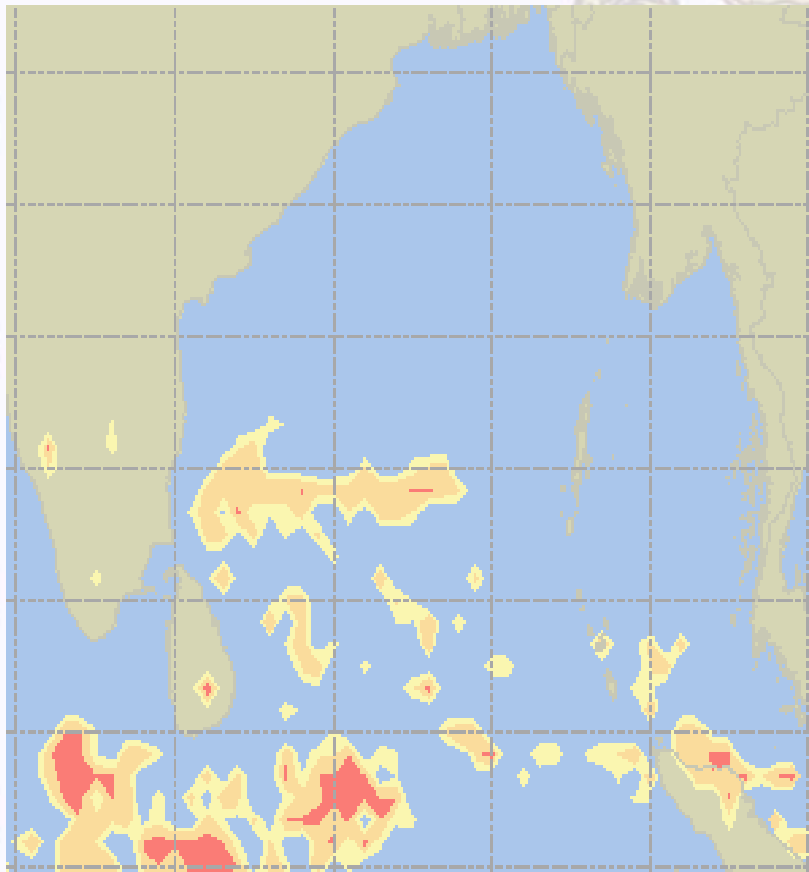
03 Jan 21 Sunday



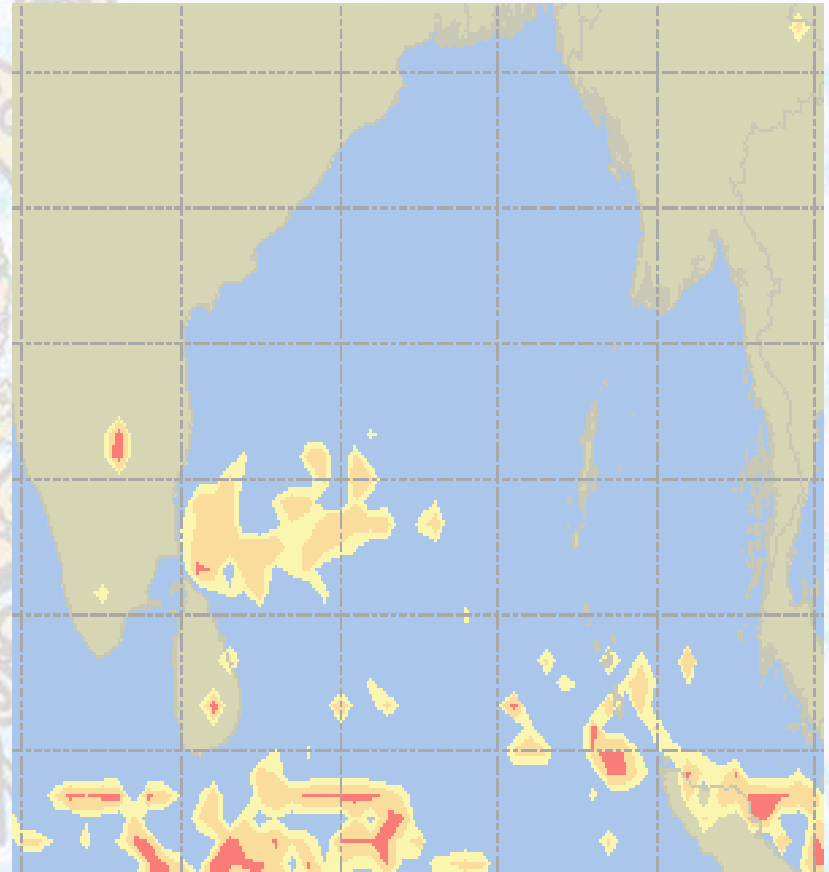


Visibility at Sea Forecast – 02 & 03 Jan 2021

02 Jan 21 Saturday



03 Jan 21 Sunday



Visibility Scale:



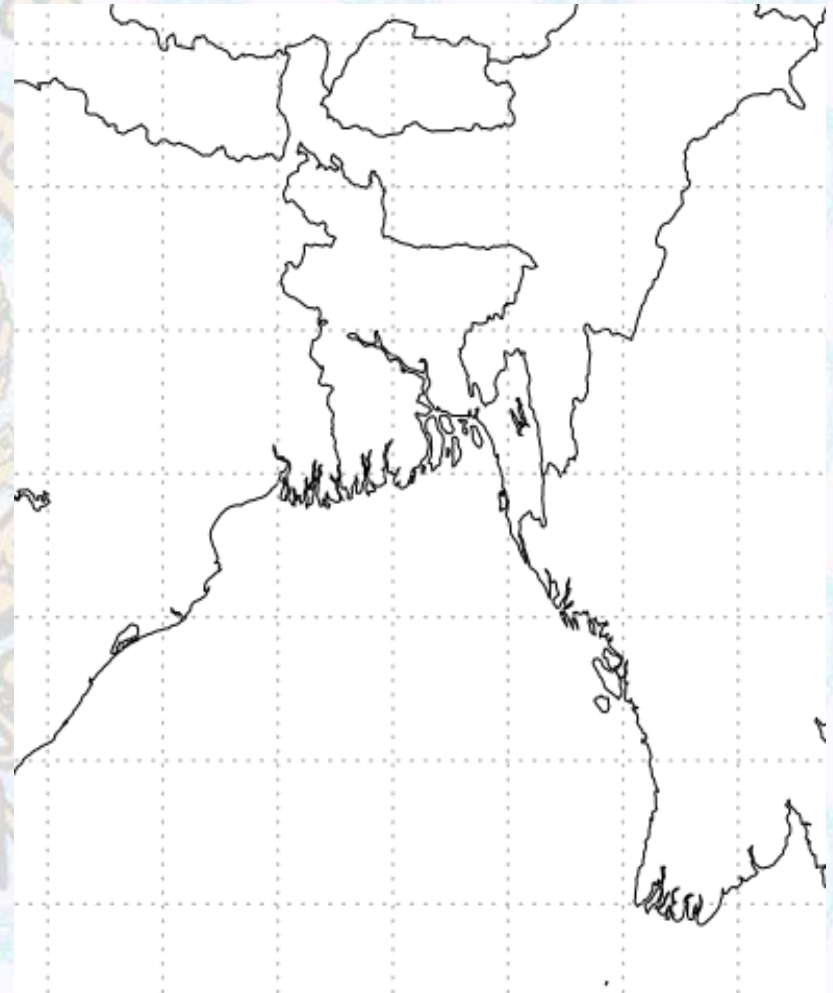
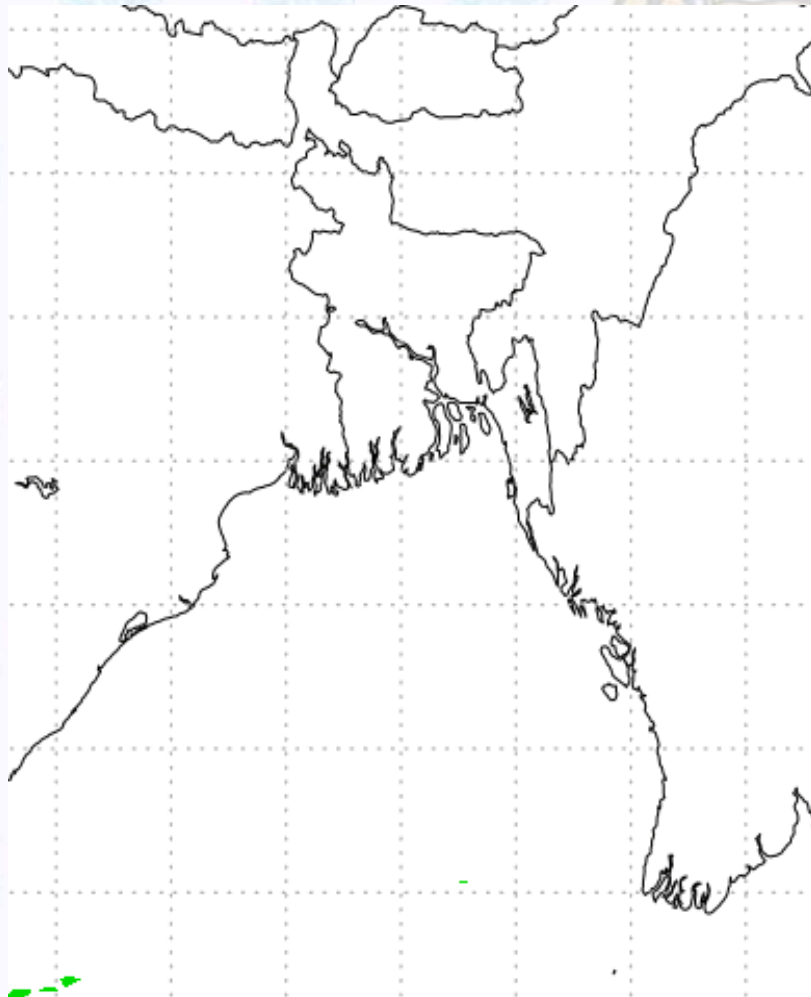
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 02 & 03 Jan 2021

Rain(mm) 03 & 04 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

02 Jan 2021	Time	Height		Time	Height		Time	Height
	0220	4.33		0025	3.30		0020	2.86
	0918	0.63		0658	0.50		0655	0.63
	1450	3.83		1237	2.79		1243	2.51
	2115	0.66		1900	0.52		1849	0.61
03 Jan 2021	Time	Height		Time	Height		Time	Height
	0258	4.31		0103	3.23		0056	2.83
	0957	0.59		0735	0.52		0732	0.62
	1533	3.83		1318	2.74		1324	2.49
	2158	0.71		1939	0.59		1929	0.68
04 Jan 2021	Time	Height		Time	Height		Time	Height
	0344	4.22		0143	3.12		0135	2.77
	1041	0.56		0815	0.56		0812	0.64
	1625	3.80		1405	2.68		1409	2.47
	2249	0.80		2025	0.67		2019	0.79