



WEATHER FORECAST FOR BN

23 JAN - 26 JAN 2021



WEATHER FORECAST – DHAKA

23.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 14	23 / 13	20 / 14	18 / 14
Wind	7 km/h W	8 km/h W	2 km/h W	3 km/h WSW
Humidity	57%	51%	65%	77%
Chance of Precip	1%	1%	2%	4%
Cloud Cover	59%	2%	5%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 42 AM 17: 37 PM			

Conditions

Pressure : 1015 hpa

Visibility : 0.31 km

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



WEATHER FORECAST – CHATTOGRAM

23.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 13	23 / 13	19 / 15	18 / 15
Wind	9 km/h W	8 km/h WSW	3 km/h WSW	2 km/h NW
Humidity	51%	51%	70%	77%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 34 AM			
Sunset	17: 34 PM			

Conditions

Pressure : 1014 hpa

Visibility : 2.03. Km

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



WEATHER FORECAST – KHULNA

23.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 9	24 / 10	19 / 13	17 / 13
Wind	10 km/h WNW	10 km/h WNW	5 km/h NNW	2 km/h NE
Humidity	38%	40%	66%	80%
Chance of Precip.	1%	1%	1%	4%
Cloud Cover	2%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 44 AM 17: 42 PM			

Conditions

Pressure : 1015 hpa

Visibility : 2.8 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	24 Jan 2021	25 Jan 2021	26 Jan 2021
Temperature (C)	25 °C/ 15 °C	26 °C/ 16 °C	26 °C/ 16 °C
Summary	AM Fog / PM Hazy	Sunny	Sunny
Sun Rise/Set	6h42m12s/17h39m24s	6h41m54s/17h40m06s	6h41m36s/17h40m42s
Day Length	10h57m12s	10h58m12s	10h59m06s
Moon Rise/ Set	1:46AM 2:41AM	2:31AM 3:36AM	3:22AM 4:30AM
Moon Phase/ illu	Waxing Gibbous, 78%	Waxing Gibbous, 86%	Waxing Gibbous, 92%
Nautical Twilight	05:48,18:30	05:48,18:31	05:49,18:31
Civil Twilight	06:16,18:02	06:16,18:03	06:17,18:03
Humidity	D : 71% N : 80%	D : 70% N : 79%	D : 66% N : 75%
Barometer (mb)	1013	1014	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	6 Km/h WNW	7 Km/h NNW	9 Km/h N

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	24 Jan 2021	25 Jan 2021	26 Jan 2021
Temperature (C)	25 °C/ 14 °C	27 °C/ 15 °C	27 °C/ 15 °C
Summary	AM Fog / PM Hazy	Sunny	Sunny
Sun Rise/Set	6h33m54s/ 17h36m12s	6h33m36s/ 17h36m54s	6h33m18s/ 17h37m30s
Day Length	11h02m18s	11h03m18s	11h04m12s
Moon Rise/ Set	1:43AM 2:32AM	2:28AM 3:27AM	3:19AM 4:21AM
Moon Phase/ illu	Waxing Gibbous, 78%	Waxing Gibbous, 86%	Waxing Gibbous, 92%
Nautical Twilight	05:41, 18:24	05:41, 18:25	05:42, 18:25
Civil Twilight	06:08, 17:59	06:07, 17:59	06:08, 17:58
Humidity	D : 67% N : 87%	D : 68% N : 77%	D : 66% N : 76%
Barometer (mb)	1013	1014	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	6 Km/h NW	5 Km/h NE	8 Km/h NNE

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



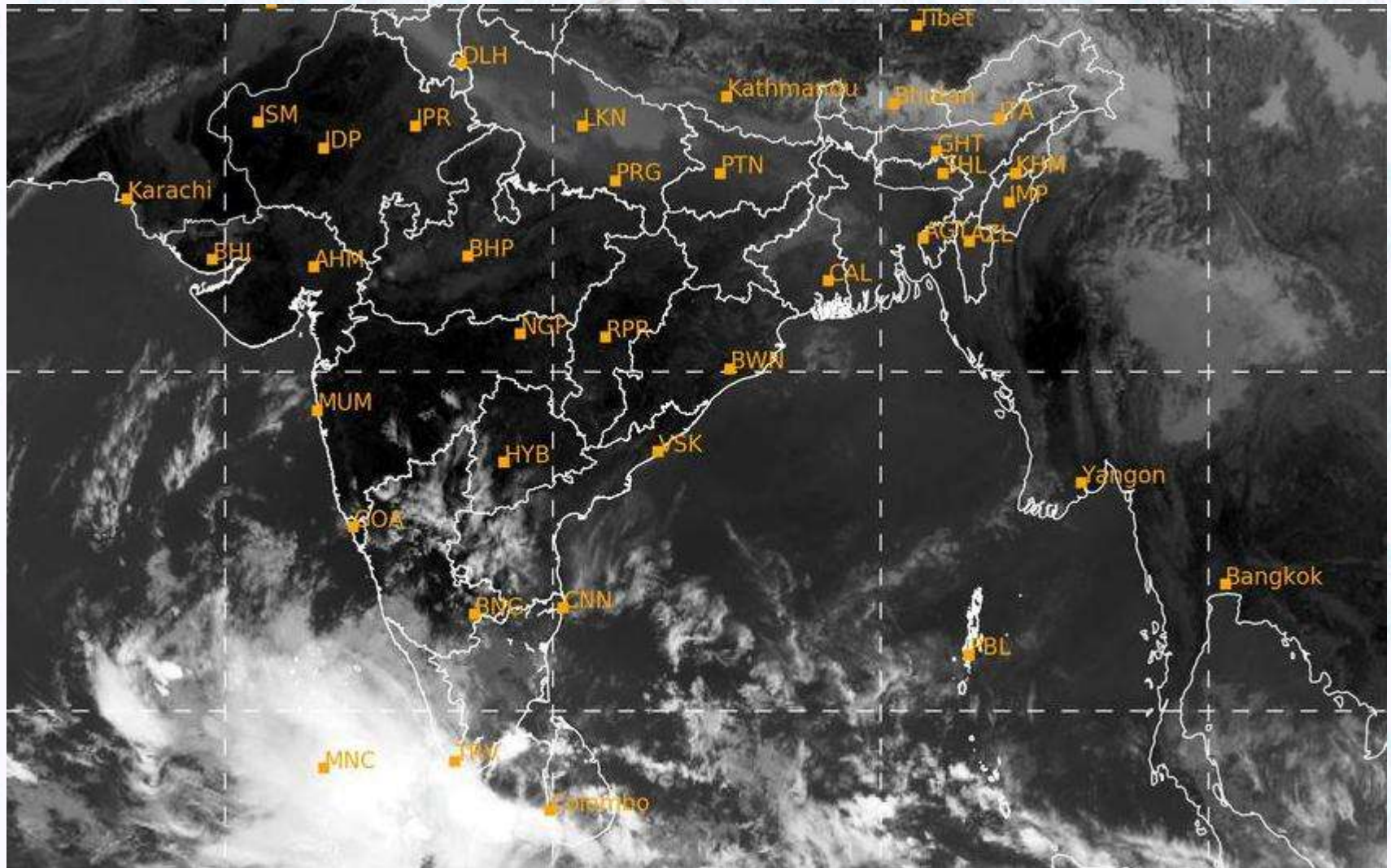
GENERAL WEATHER FORECAST – KHULNA

Description	24 Jan 2021	25 Jan 2021	26 Jan 2021
Temperature(C)	26°C/ 14°C	27°C/ 16°C	27°C/ 16°C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h43m54s/ 17h44m24s	6h43m36s/ 17h45m06s	6h43m18s/ 17h45m48s
Day Length	10h00m30s	10h01m30s	10h02m30s
Moon Rise/Set	1:51AM 2:42AM	2:37AM 3:37AM	3:28AM 4:32AM
Moon Phase/illu	Waxing Gibbous, 78%	Waxing Gibbous, 86%	Waxing Gibbous, 92%
Nautical Twilight	05:50, 18:34	05:50, 18:35	05:49, 18:36
Civil Twilight	06:20, 18:06	06:19, 18:06	06:19, 18:07
Humidity	D : 66% N : 82%	D : 67% N : 80%	D : 67% N : 80%
Barometer (mb)	1013	1014	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	6 km/h NW	5 km/h NE	5 km/h NE

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



SATELLITE VIEW OF BAY OF BENGAL

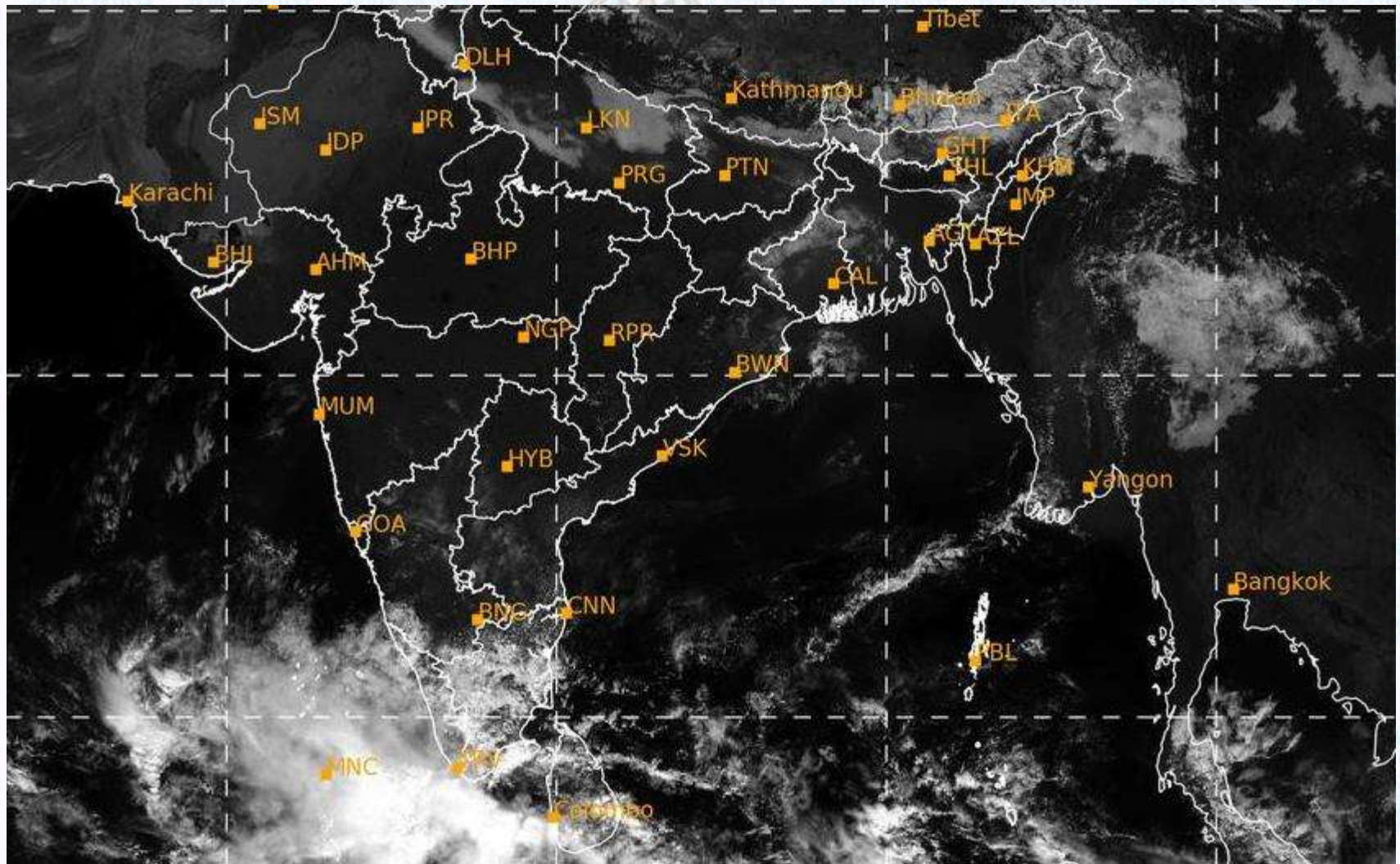


23/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



23/01/2021, 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 23.01.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	N/NELY, 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 = 23,0000 UTC. CHATTOGRAM =1014 HPA



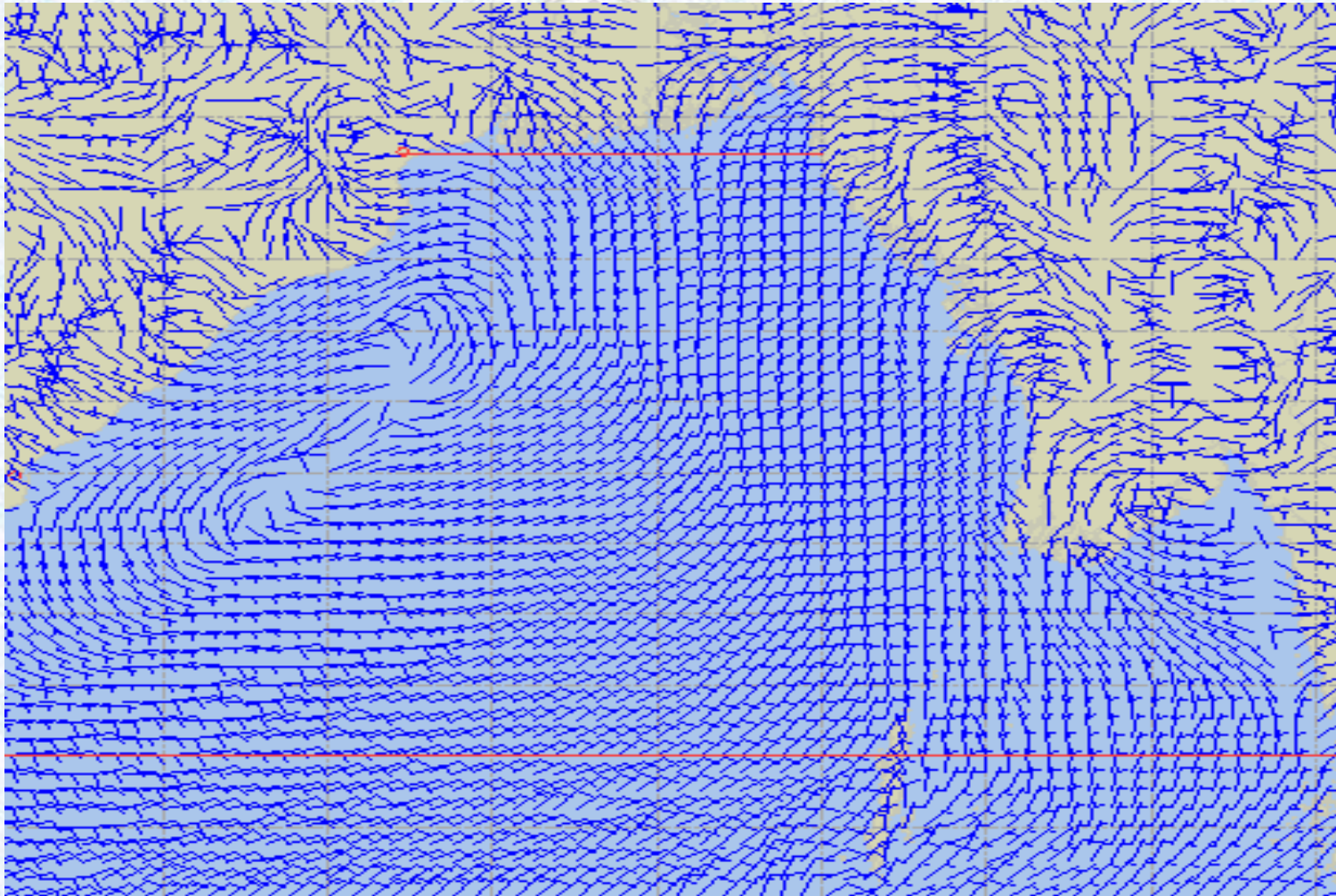
Inland River Port Warning **(VALID TILL 06 PM OF 23.01.2020)**

MODERATE TO THICK FOG MAY REDUCE THE SURFACE VISIBILITY TO 0300 M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 04-05 HOURS COMMENCING 05 AM OF 23.01.2021 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



Surface Wind Forecast- 24 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



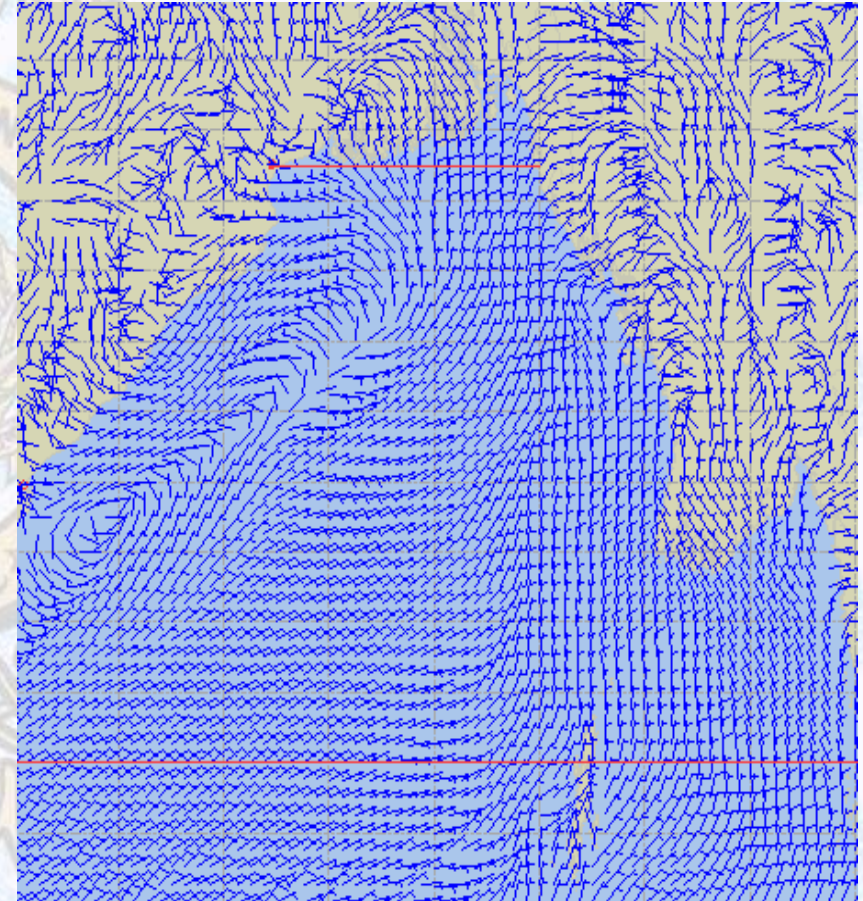
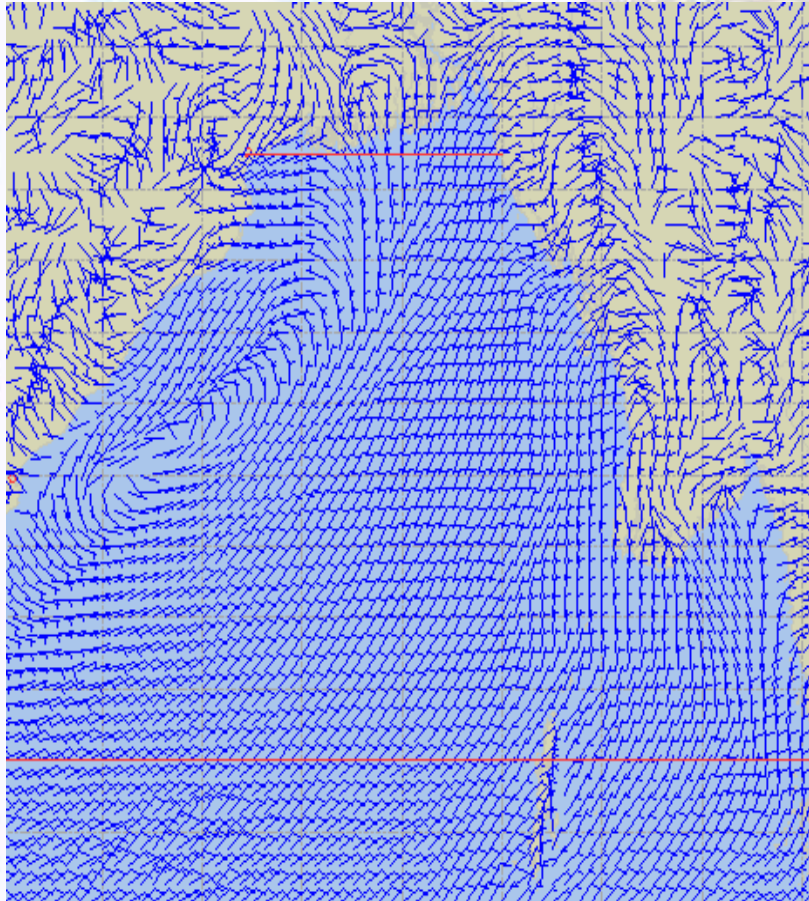
60 Knots



Surface Wind Forecast – 25 & 26 Jan - 2021

25 Jan 21 Monday

26 Jan 21 Tuesday



Legend:



Calm
Winds



5 Knots



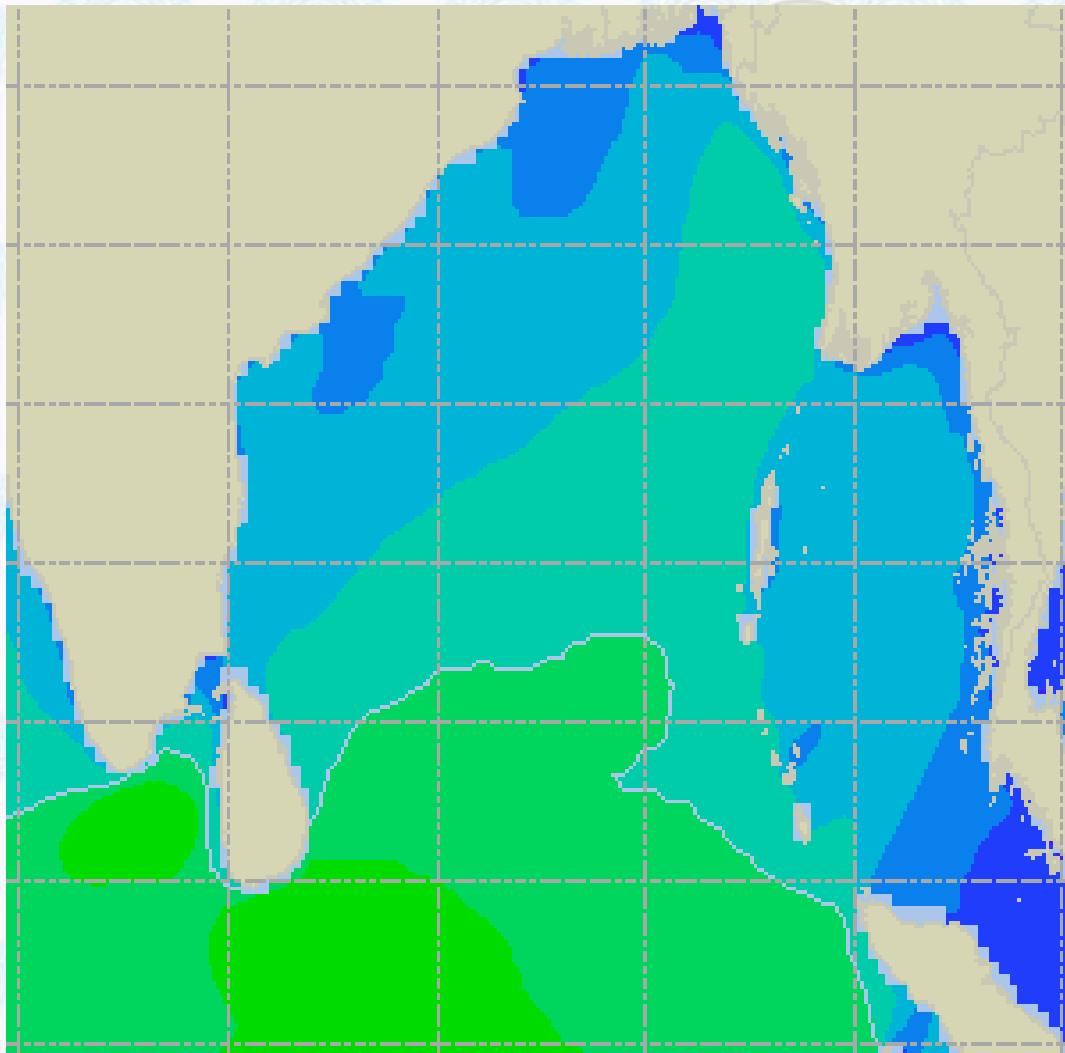
10 Knots



60 Knots



Sea State Forecast – 24 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

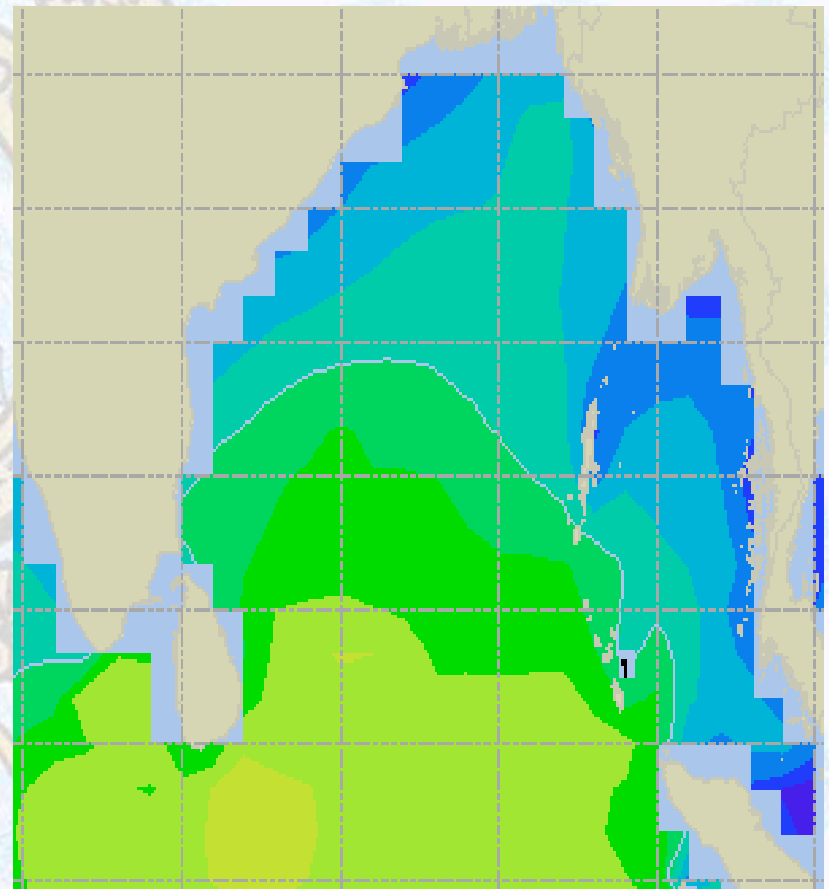
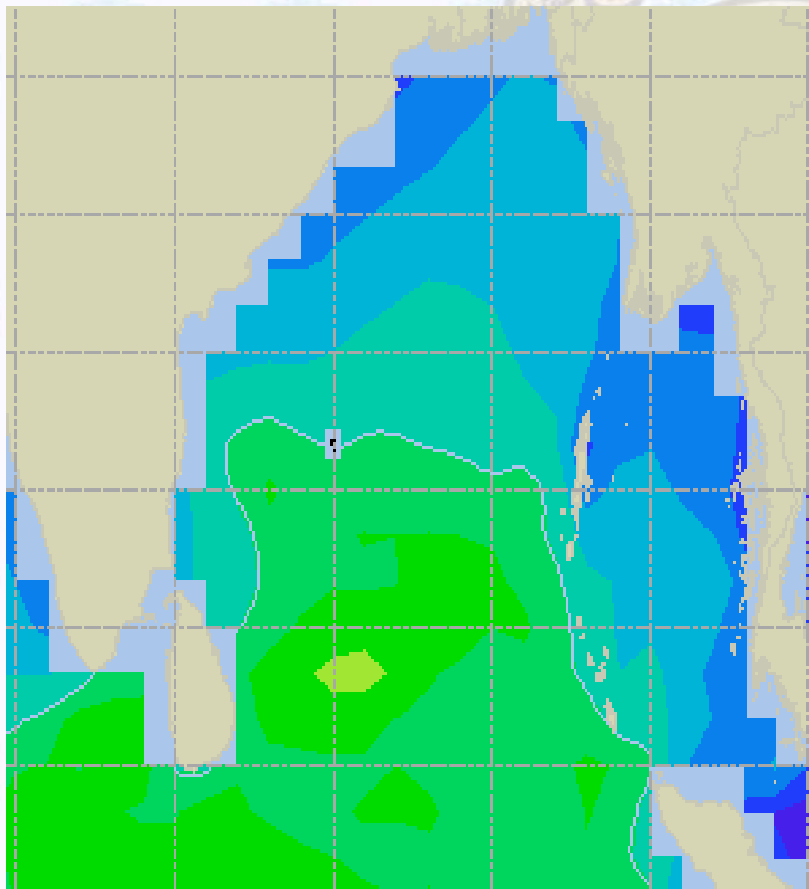




Sea State Forecast – 25 & 26 Jan - 2021

25 Jan 21 Monday

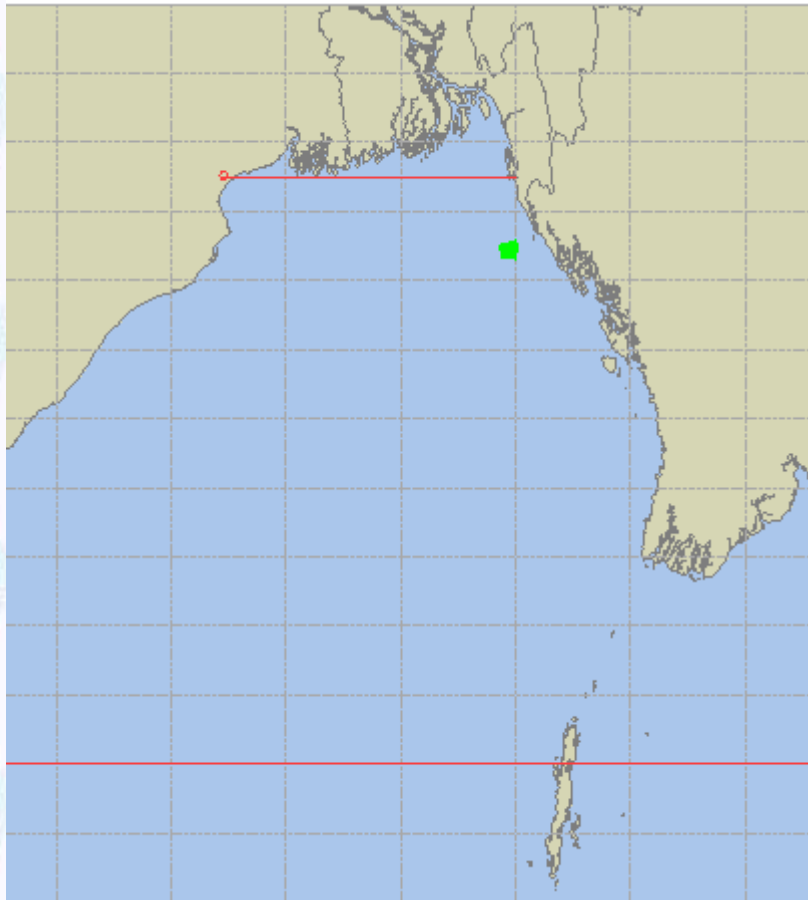
26 Jan 21 Tuesday



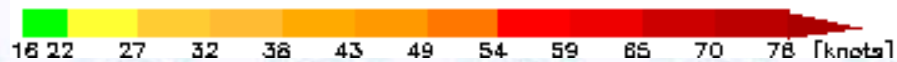
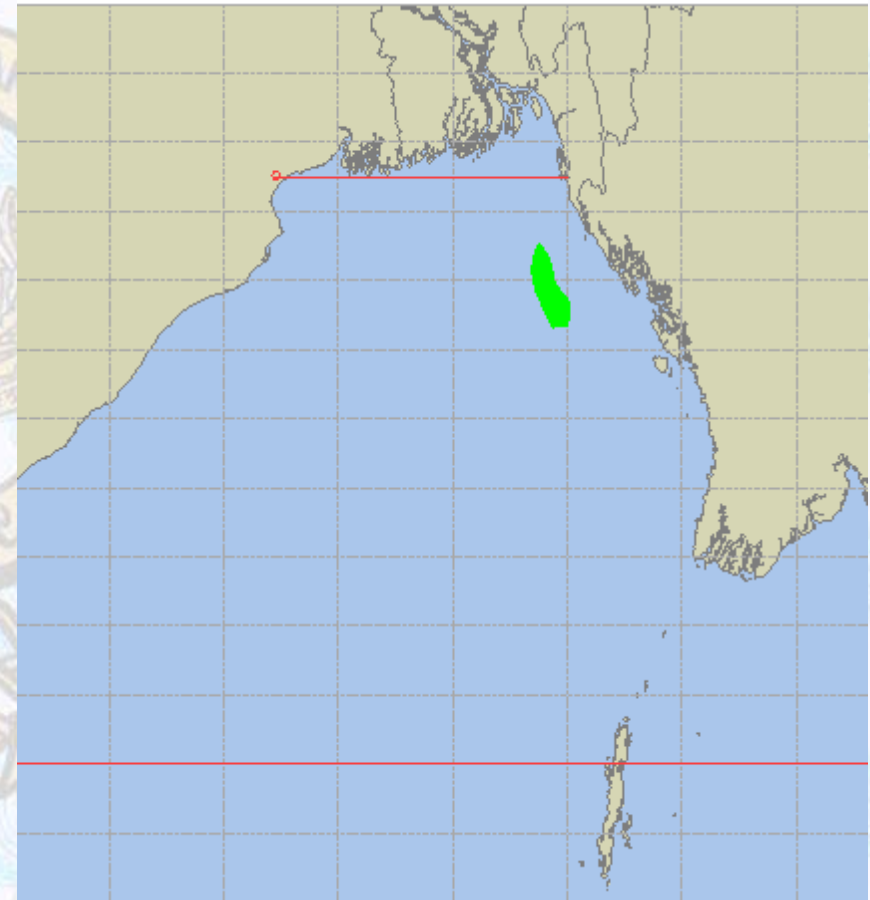


Peak Gusting Possibilities– 24 & 25 Jan 2021

24 Jan 21 Sunday



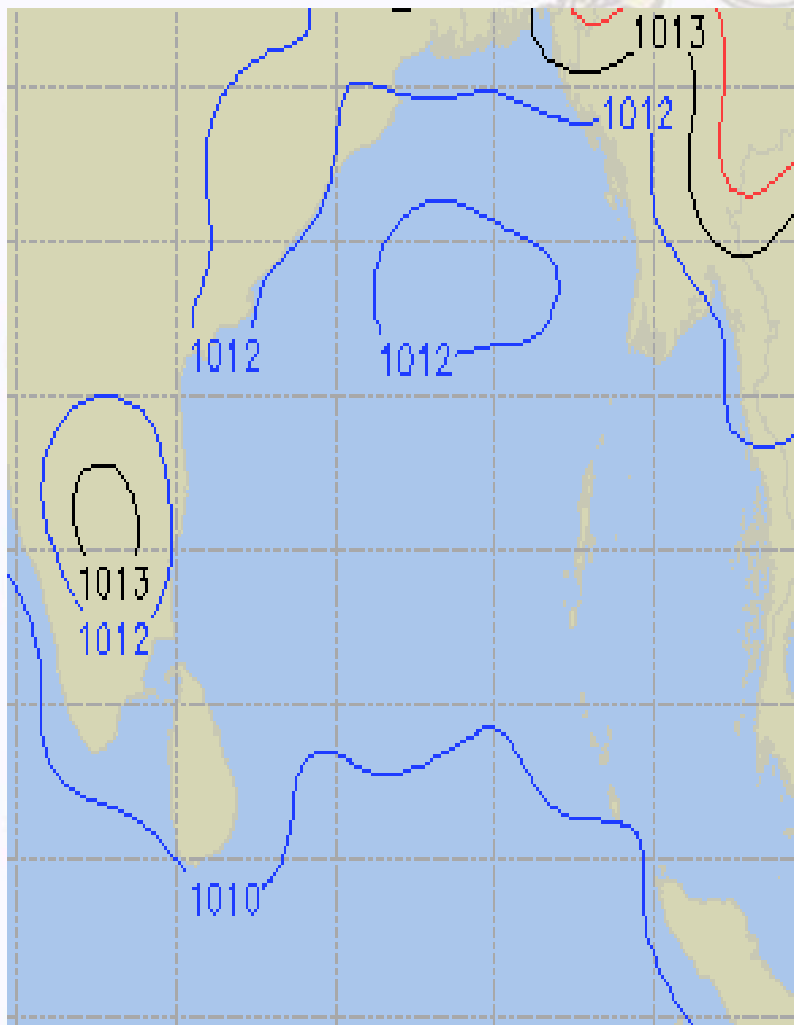
25 Jan 21 Monday



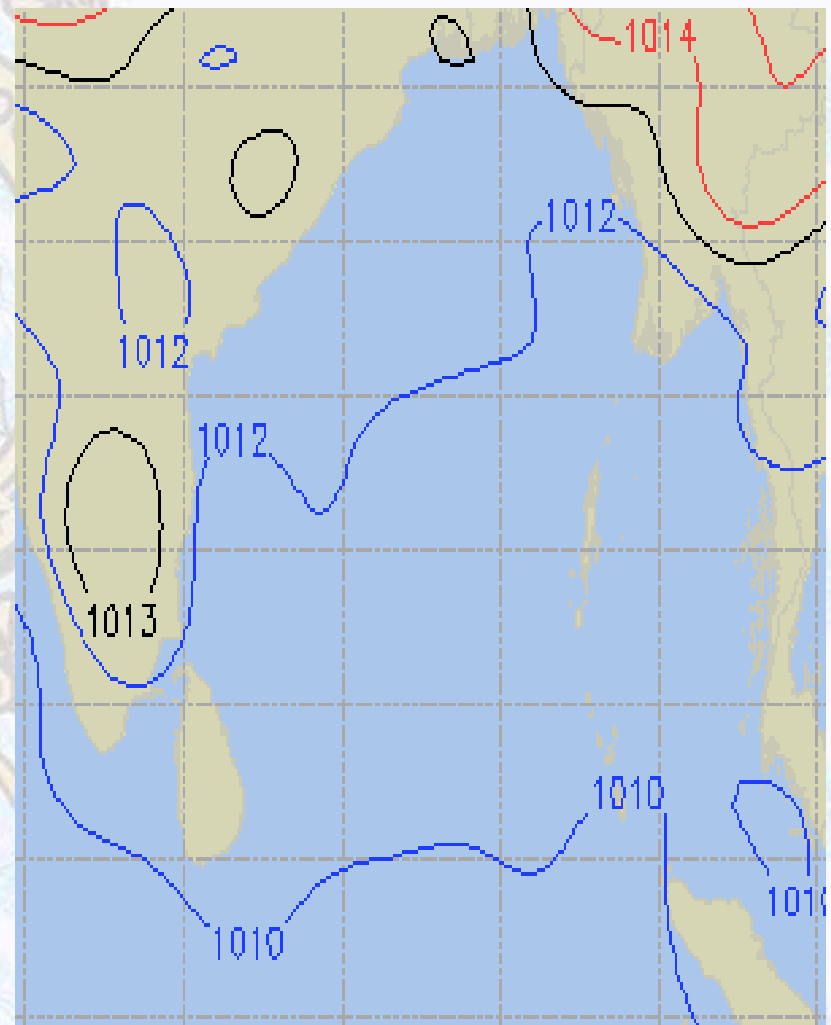


Surface Pressure forecast – 24 & 25 Jan 2021

24 Jan 21 Sunday



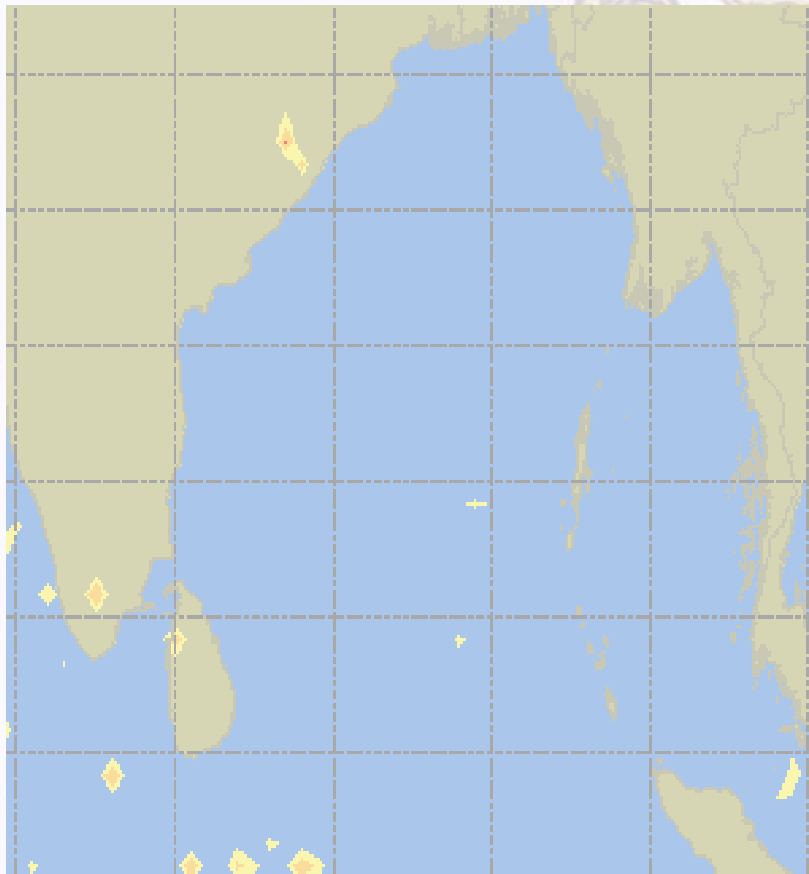
25 Jan 21 Monday



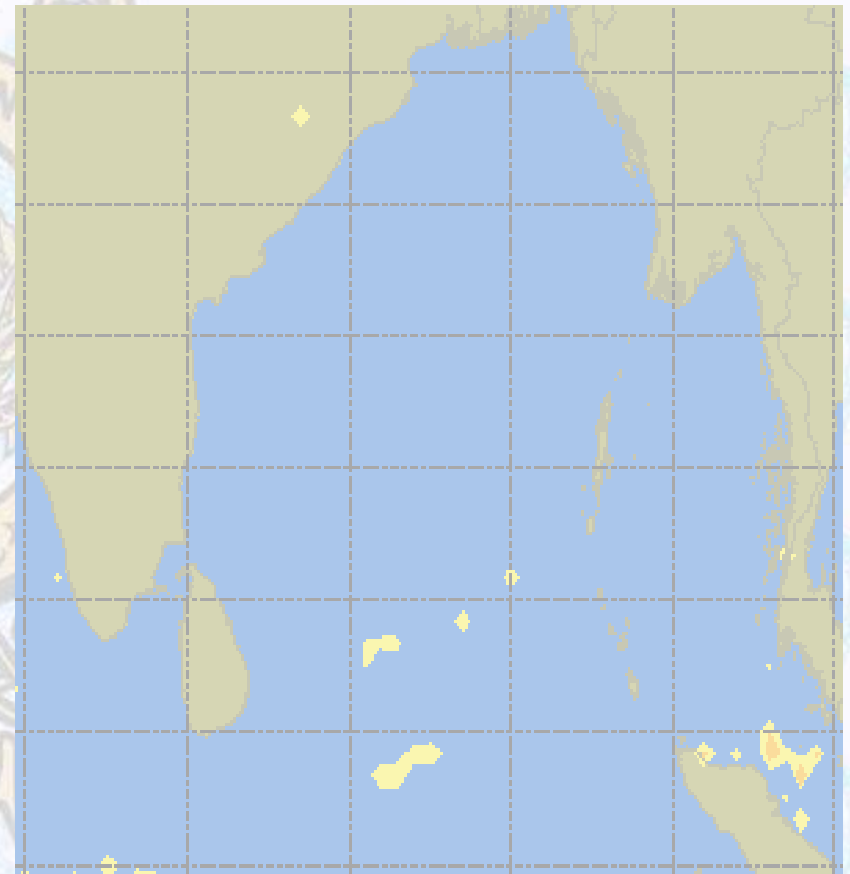


Visibility at Sea Forecast – 24 & 25 Jan 2021

24 Jan 21 Sunday



25 Jan 21 Monday



Visibility Scale:

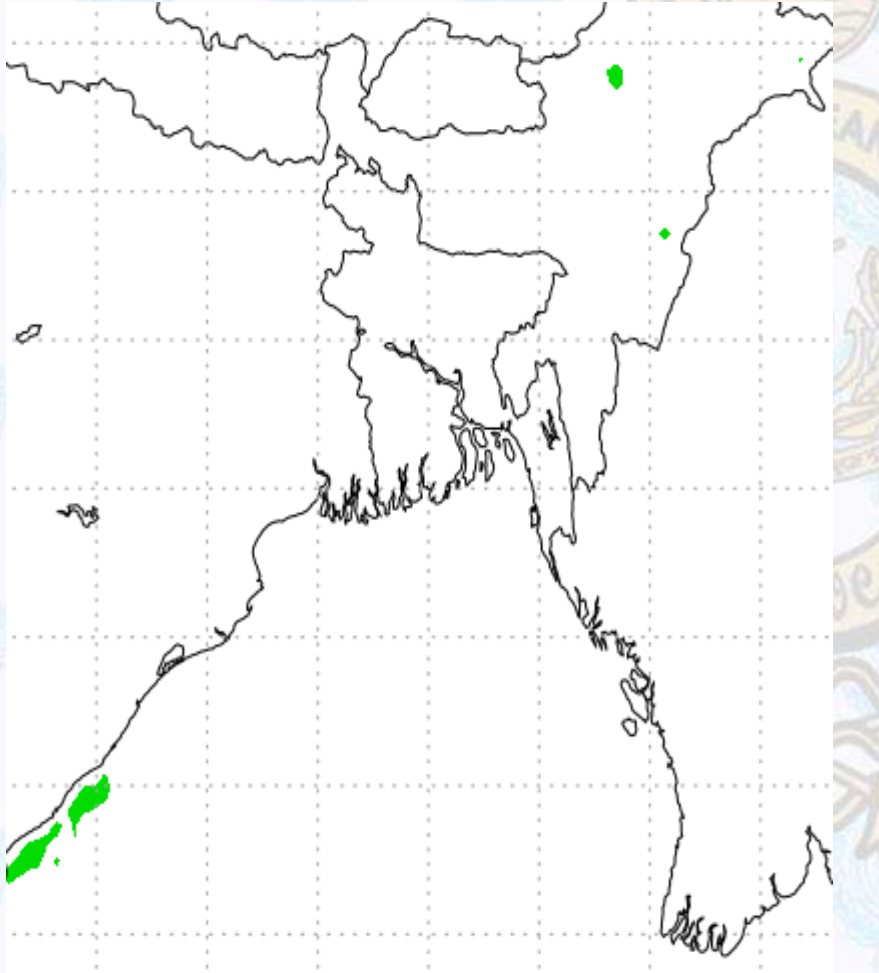


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

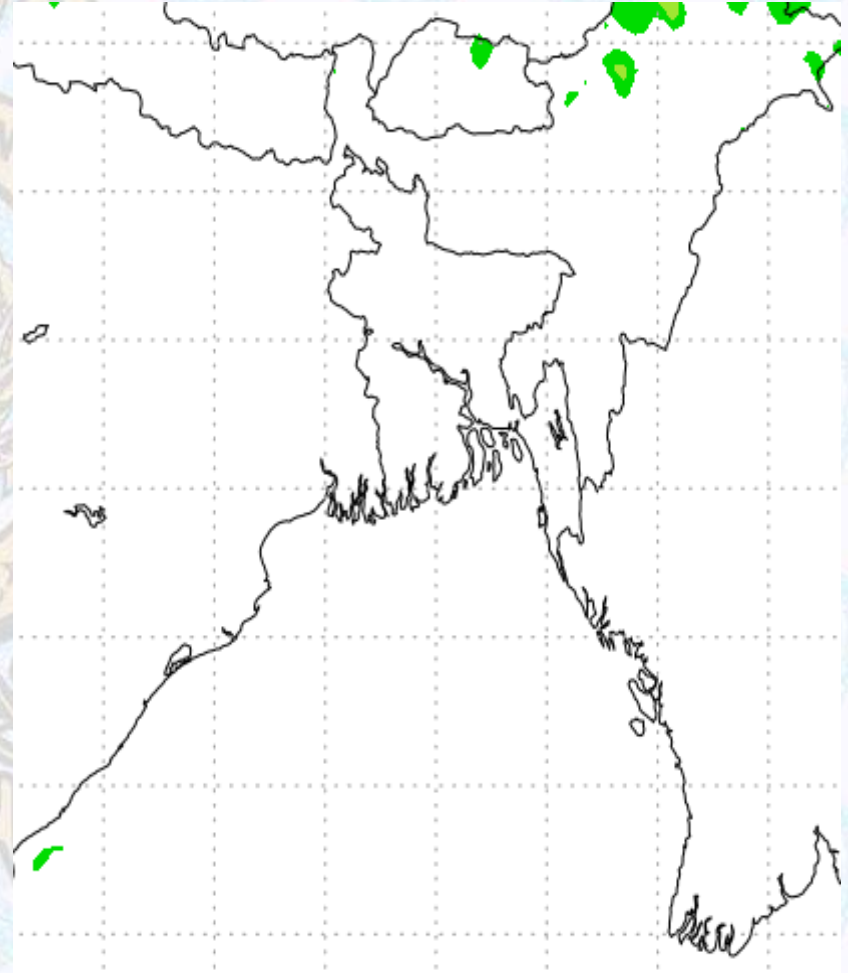


Precipitation

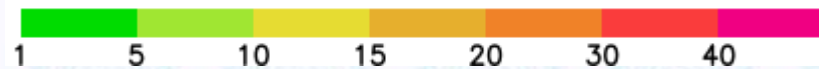
Rain(mm) 24 & 25 Jan 2021



Rain(mm) 25 & 26 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

24 Jan 2021	Time	Height		Time	Height		Time	Height
	0408	1.28		0124	1.09		0143	1.27
	0953	2.92		0703	2.07		0720	1.91
	1558	1.16		1336	0.95		1326	1.03
	2222	3.55		2001	2.46		2016	2.31
25 Jan 2021	Time	Height		Time	Height		Time	Height
	0511	1.10		0235	0.97		0253	1.12
	1101	3.07		0817	2.17		0839	2.01
	1658	1.05		1440	0.83		1430	0.91
	2313	3.73		2055	2.68		2108	2.45
26 Jan 2021	Time	Height		Time	Height		Time	Height
	0601	0.93		0414	0.66		0341	0.95
	1150	3.27		0953	2.53		0930	2.15
	1750	0.90		1619	0.54		1522	0.76
	2354	3.92		2219	3.10		2150	2.59