



WEATHER FORECAST FOR BN

21 JAN - 24 JAN 2021





WEATHER FORECAST – DHAKA

21.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 15	24 / 13	20 / 14	18 / 14
Wind	8 km/h WNW	9 km/h WNW	2 km/h N	2 km/h NE
Humidity	58%	52%	69%	54%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	1%	1%	2%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 42 AM 17: 37 PM			

Conditions

Pressure : 1014 hpa

Visibility : 0.6 km

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



WEATHER FORECAST – CHATTOGRAM

21.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 20	23 / 19	21 / 19	19 / 17
Wind	8 km/h WSW	8 km/h WSW	4 km/h WNW	6 km/h NNW
Humidity	79%	79%	92%	87%
Chance of Precip.	1%	7%	6%	6%
Cloud Cover	9%	4%	3%	17%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 34 AM			
Sunset	17: 33 PM			

Conditions

Pressure : 1014 hpa

Visibility : 1.05 Km

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



WEATHER FORECAST – KHULNA

21.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 11	25 / 12	19 / 13	17 / 13
Wind	7 km/h NNW	6 km/h NNW	4 km/h NNE	3 km/h E
Humidity	42%	43%	69%	78%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 44 AM 17: 42 PM			

Conditions

Pressure : 1014 hpa

Visibility : 2.5 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	22 Jan 2021	23 Jan 2021	24 Jan 2021
Temperature (C)	24 °C/ 14 °C	25 °C/ 15 °C	26 °C/ 15 °C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h42m42s/17h37m54s	6h42m24s/17h38m36s	6h42m12s/17h39m24s
Day Length	10h55m12s	10h56m12s	10h57m12s
Moon Rise/ Set	12:29AM 12:56AM	1:06AM 1:48AM	1:46AM 2:41AM
Moon Phase/ illu	Waxing Gibbous, 60%	Waxing Gibbous, 70%	Waxing Gibbous, 78%
Nautical Twilight	05:49,18:29	05:49,18:29	05:48,18:30
Civil Twilight	06:17,18:01	06:17,18:02	06:16,18:02
Humidity	D : 68% N : 79%	D : 69% N : 80%	D : 69% N : 80%
Barometer (mb)	1013	1012	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	6 Km/h N	7 Km/h WNW	6 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	22 Jan 2021	23 Jan 2021	24 Jan 2021
Temperature (C)	25 °C/ 14 °C	25 °C/ 14 °C	26 °C/ 15 °C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h34m24s/ 17h34m42s	6h34m06s/ 17h35m24s	6h33m54s/ 17h36m12s
Day Length	11h00m18s	11h01m18s	11h02m18s
Moon Rise/ Set	12:25AM 12:49AM	1:02AM 1:40AM	1:43AM 2:32AM
Moon Phase/ illu	Waxing Gibbous, 60%	Waxing Gibbous, 70%	Waxing Gibbous, 78%
NauticalTwilight	05:42 18:25	05:42 18:24	05:41, 18:24
Civil Twilight	06:09, 17:58	06:09, 17:58	06:08, 17:59
Humidity	D : 67% N : 83%	D : 67% N : 89%	D : 68% N : 88%
Barometer (mb)	1013	1012	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	11 Km/h NW	10 Km/h NW	8 Km/h NW

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



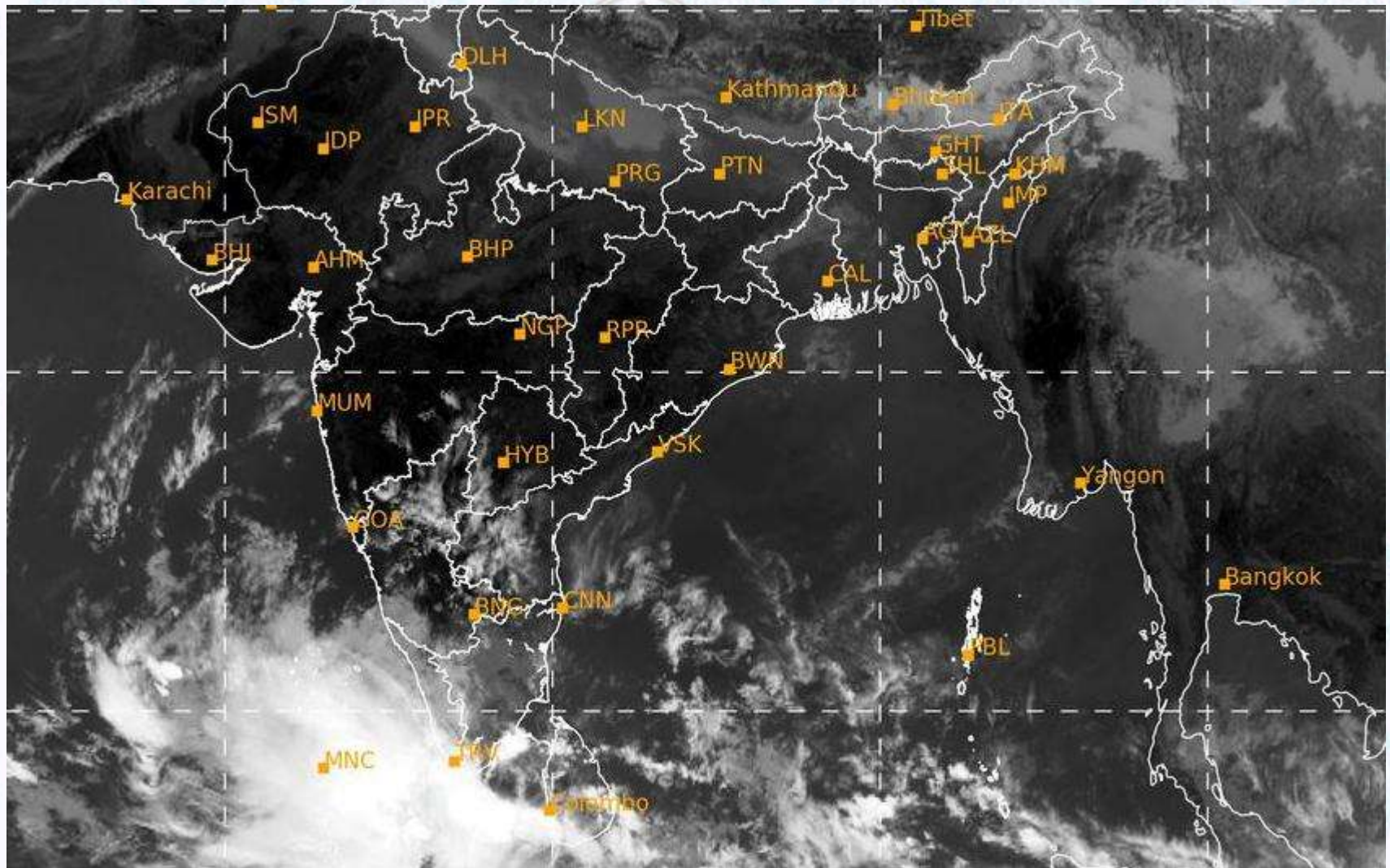
GENERAL WEATHER FORECAST – KHULNA

Description	22 Jan 2021	23 Jan 2021	24 Jan 2021
Temperature(C)	25°C/ 13°C	25°C/ 14°C	26°C/ 15°C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h44m24s/ 17h42m54s	6h44m06s/ 17h43m36s	6h43m54s/ 17h44m24s
Day Length	10h58m30s	10h59m30s	10h00m30s
Moon Rise/Set	12:33AM 12:59AM	1:11AM 1:50AM	1:51AM 2:42AM
Moon Phase/illu	Waxing Gibbous, 60%	Waxing Gibbous, 70%	Waxing Gibbous, 78%
Nautical Twilight	05:51, 18:33	05:51, 18:34	05:50, 18:34
Civil Twilight	06:19, 18:07	06:19, 18:07	06:20, 18:06
Humidity	D : 66% N : 81%	D : 67% N : 81%	D : 67% N : 80%
Barometer (mb)	1013	1012	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	7 km/h NNW	7 km/h NW	6 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

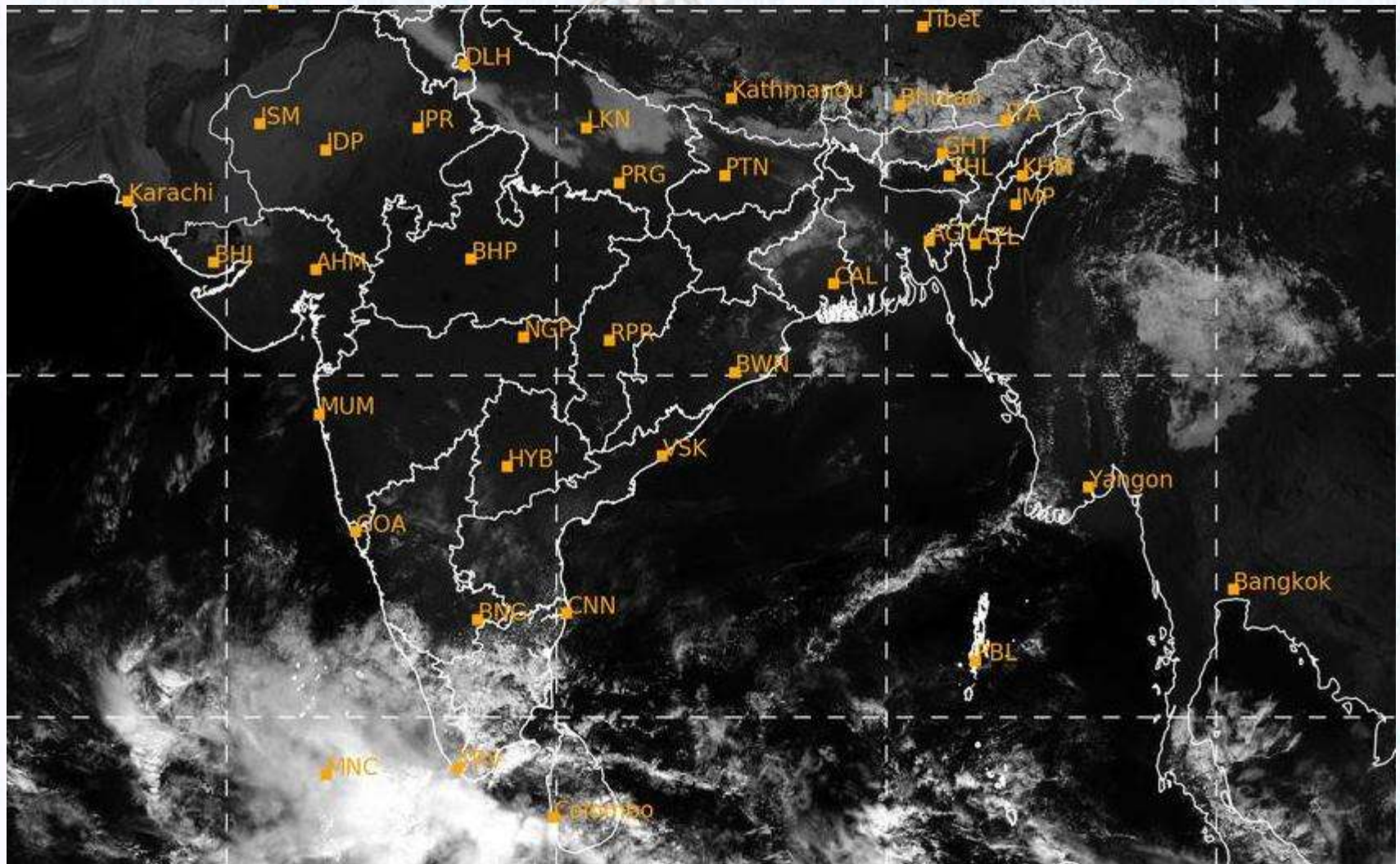


21/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



21/01/2021, 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 21.01.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	WEST/SOUTH-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 = 21,0000 UTC. CHATTOGRAM =1014 HPA



Inland River Port Warning (VALID TILL 06 PM OF 21.01.2020)

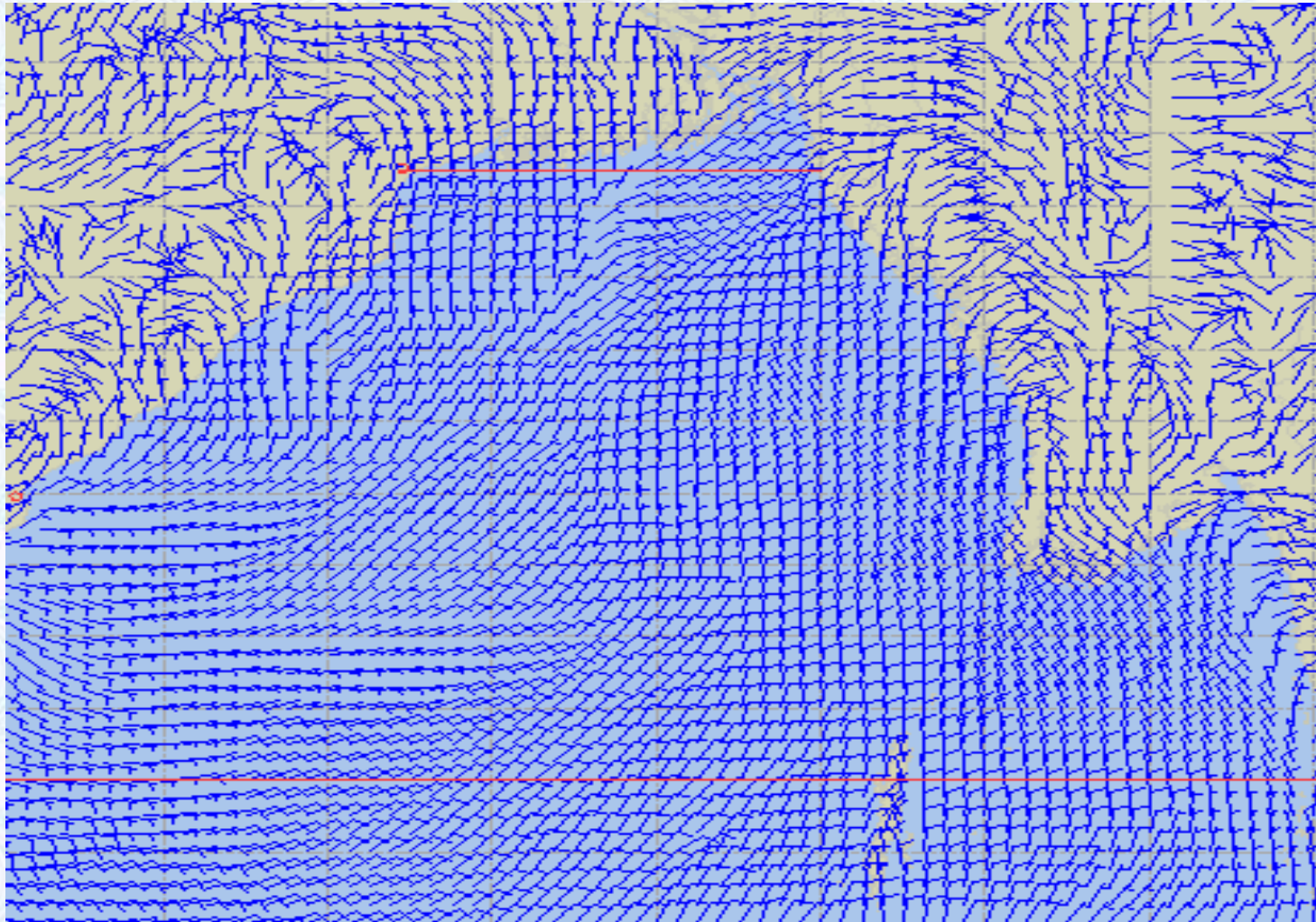
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 22 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



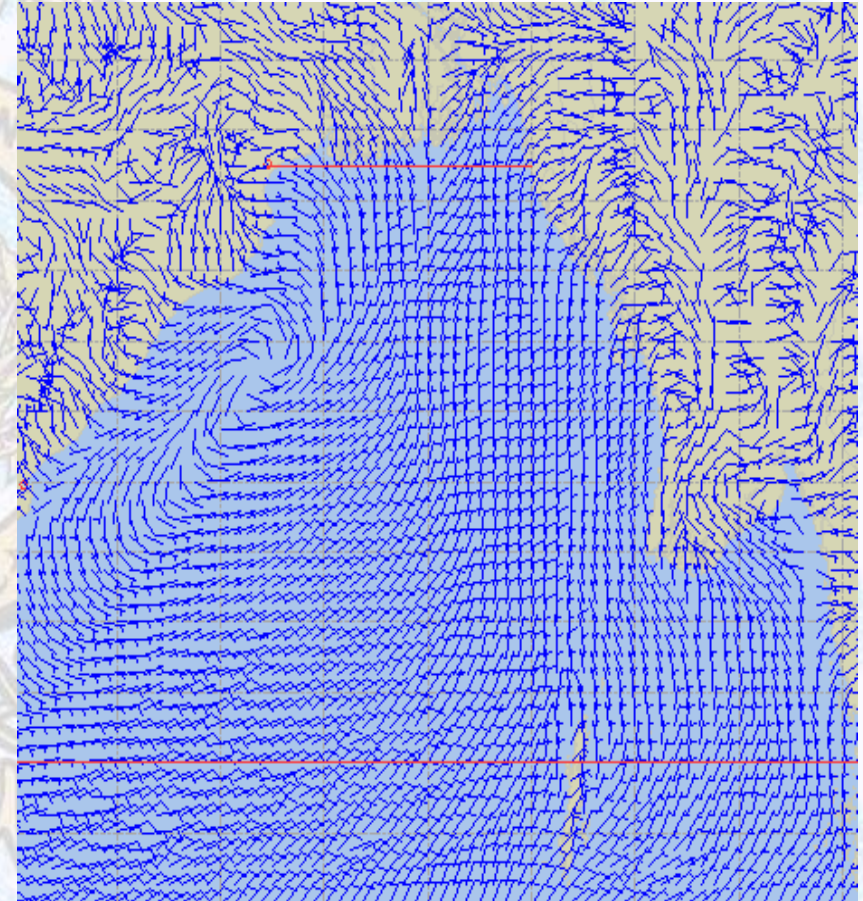
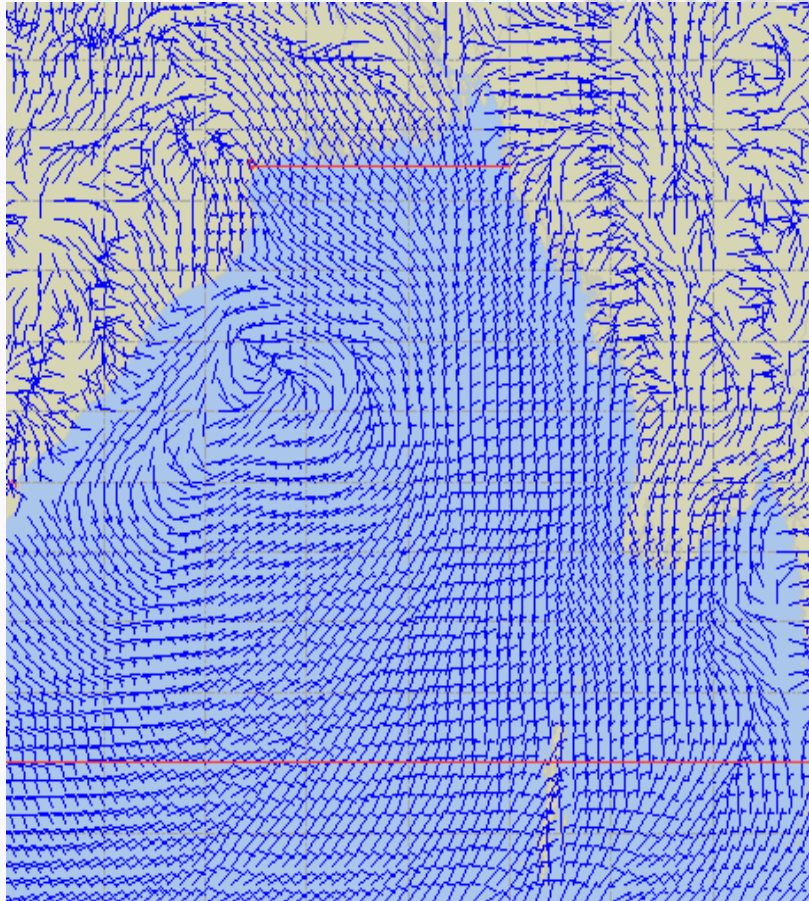
60 Knots



Surface Wind Forecast – 23 & 24 Jan - 2021

23 Jan 21 Saturday

24 Jan 21 Sunday



Legend:



Calm
Winds



5 Knots



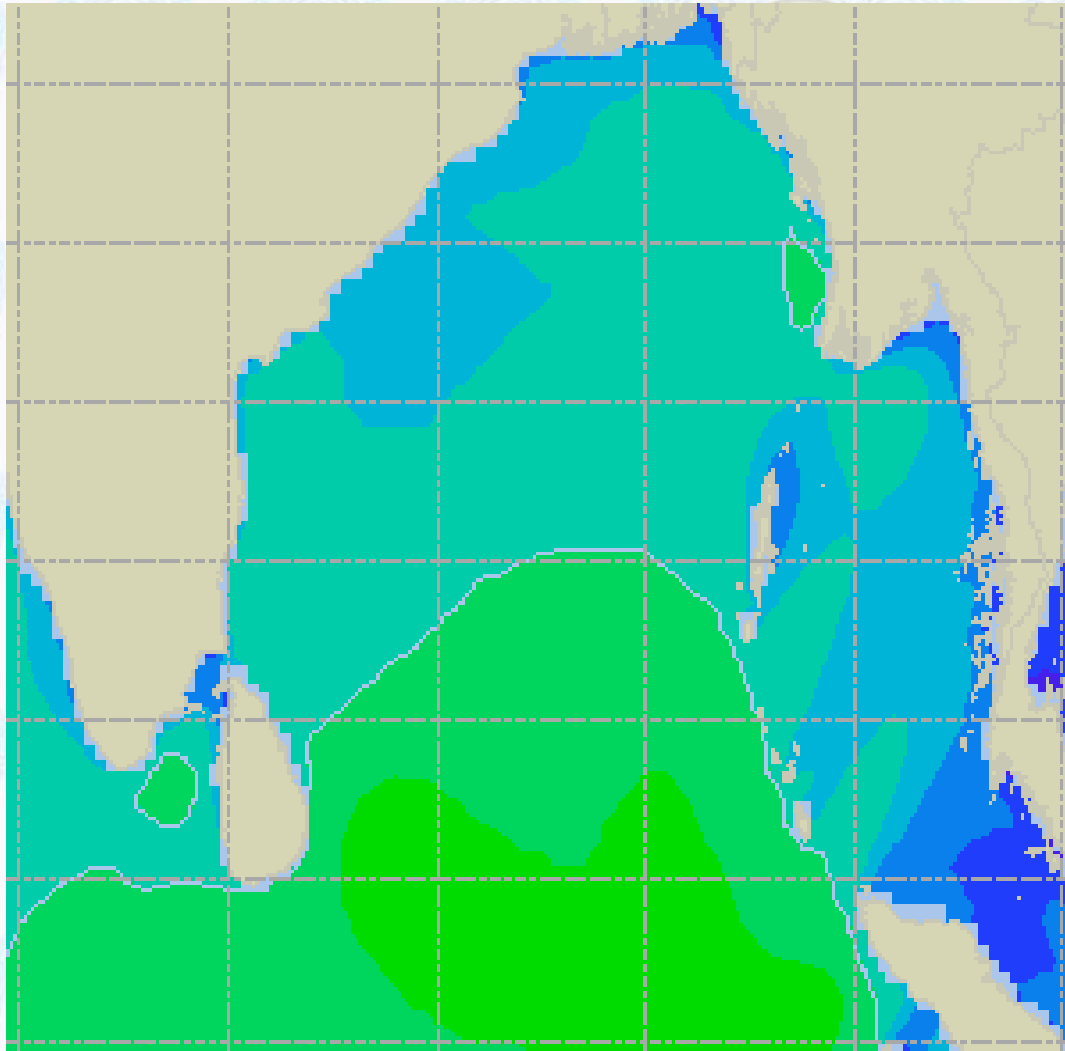
10 Knots



60 Knots



Sea State Forecast – 22 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

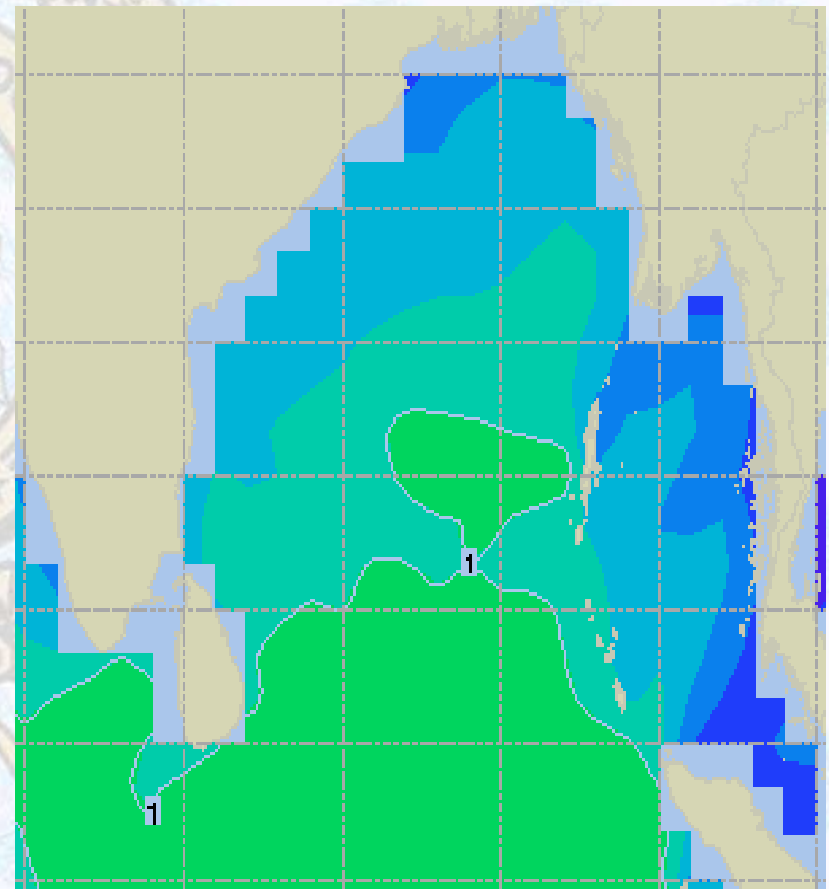
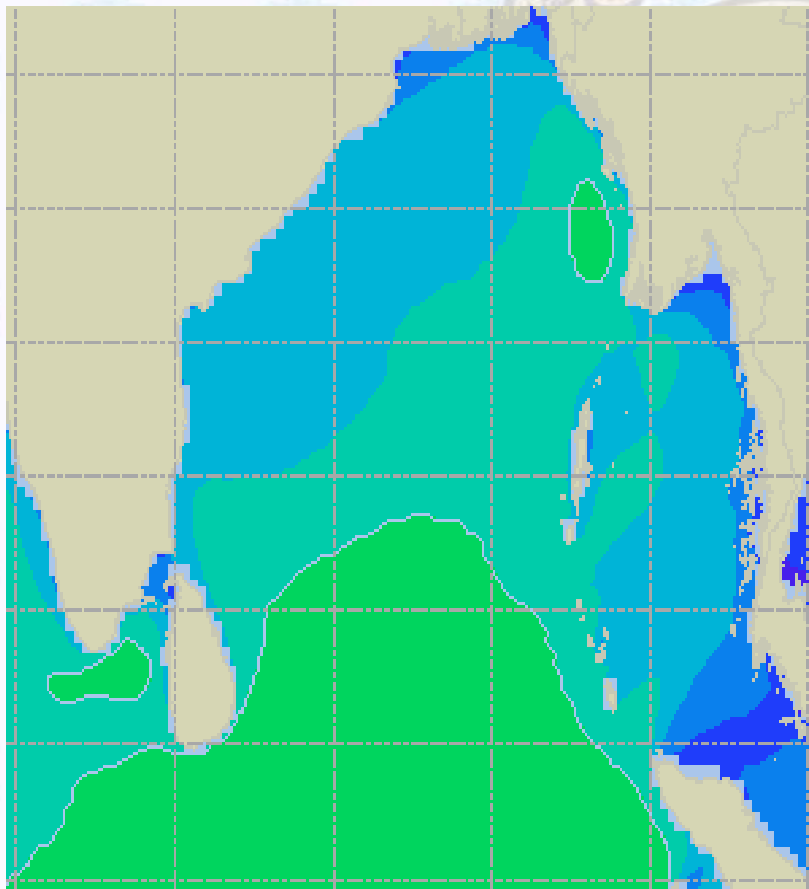




Sea State Forecast – 23 & 24 Jan - 2021

23 Jan 21 Saturday

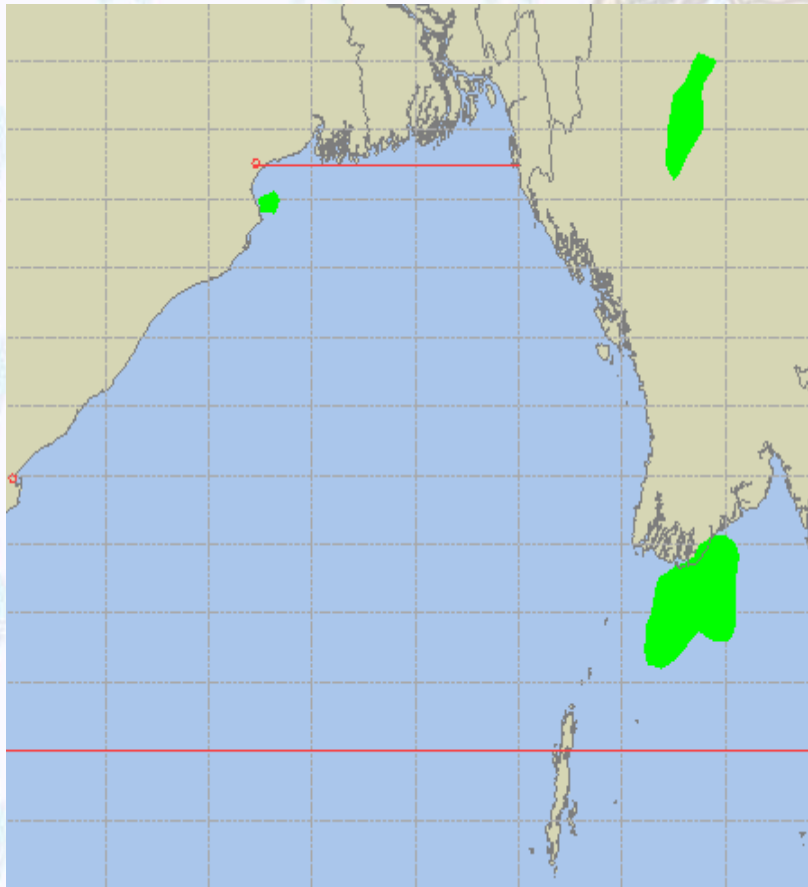
24 Jan 21 Sunday



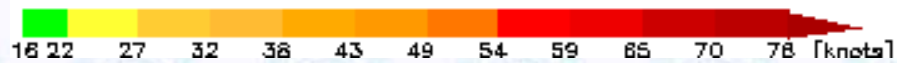
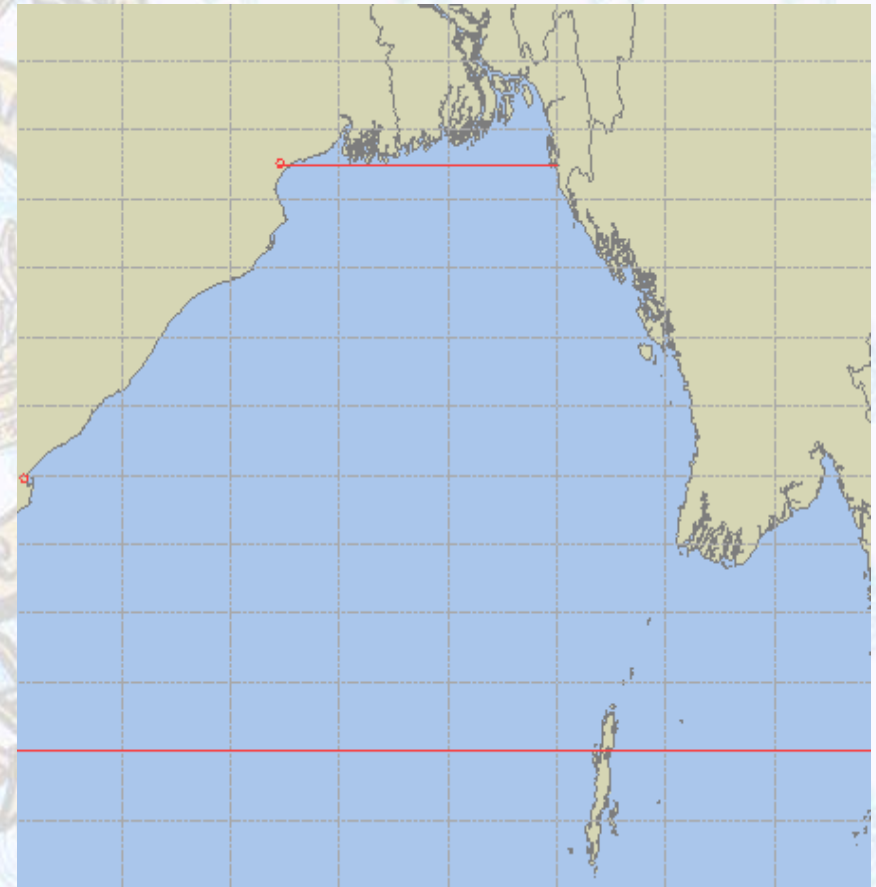


Peak Gusting Possibilities– 22 & 23 Jan 2021

22 Jan 21 Friday



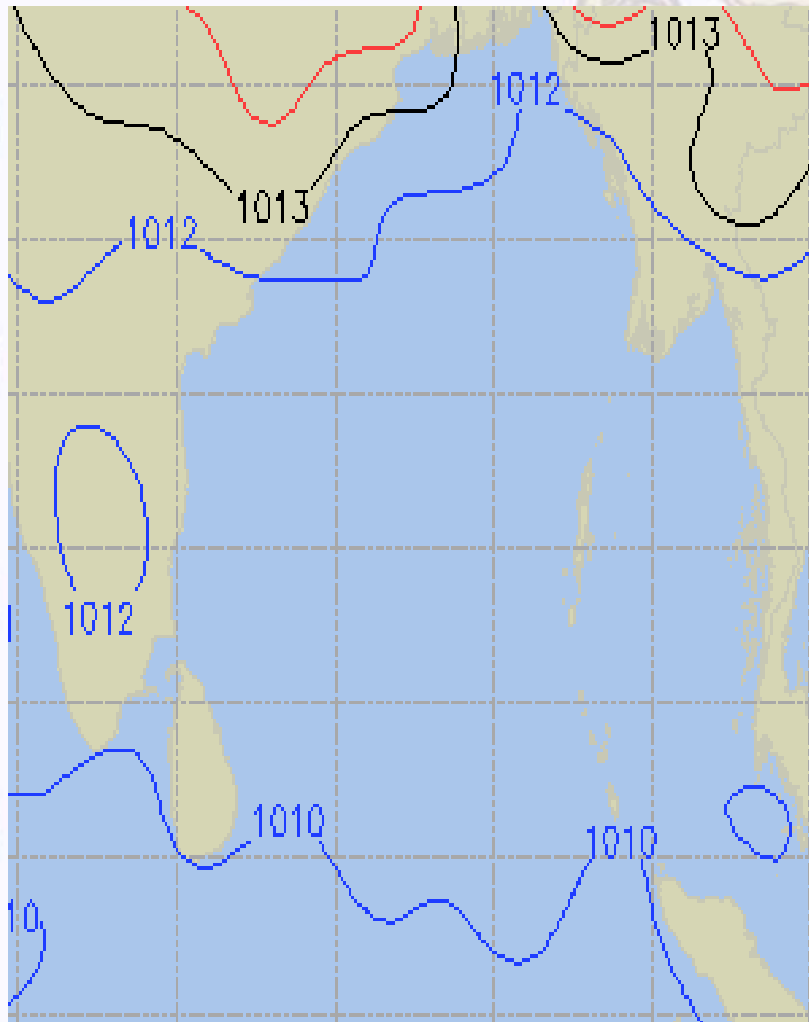
23 Jan 21 Saturday



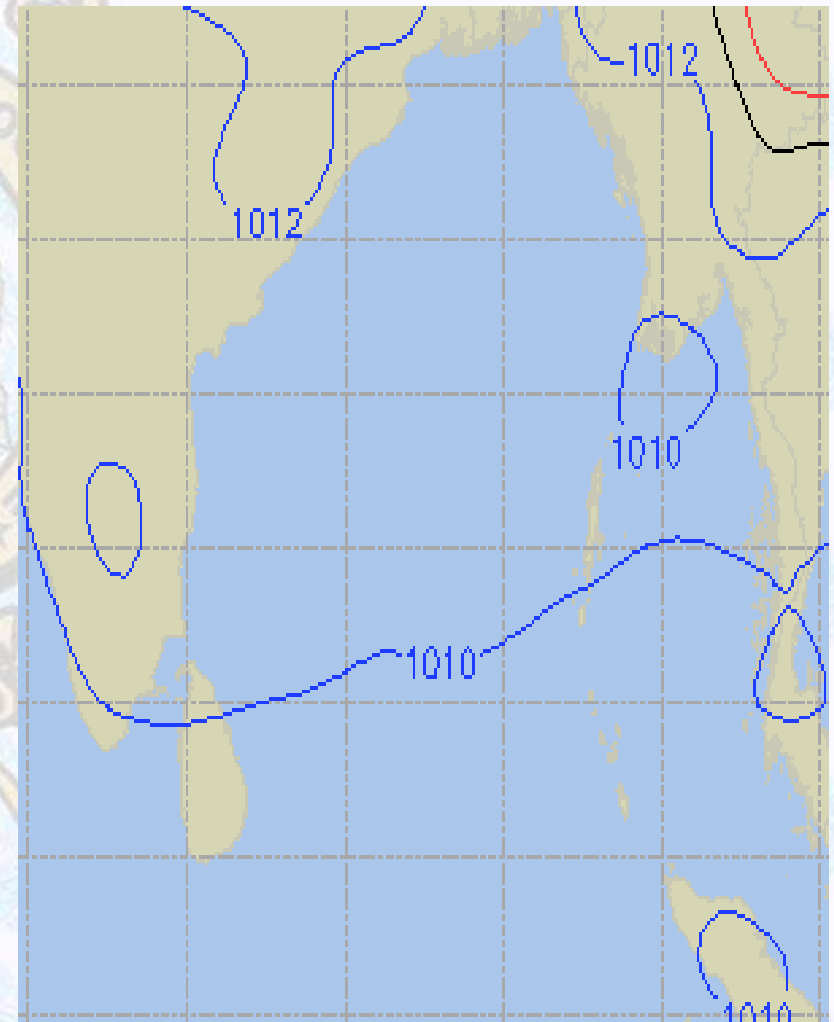


Surface Pressure forecast – 22 & 23 Jan 2021

22 Jan 21 Friday



23 Jan 21 Saturday

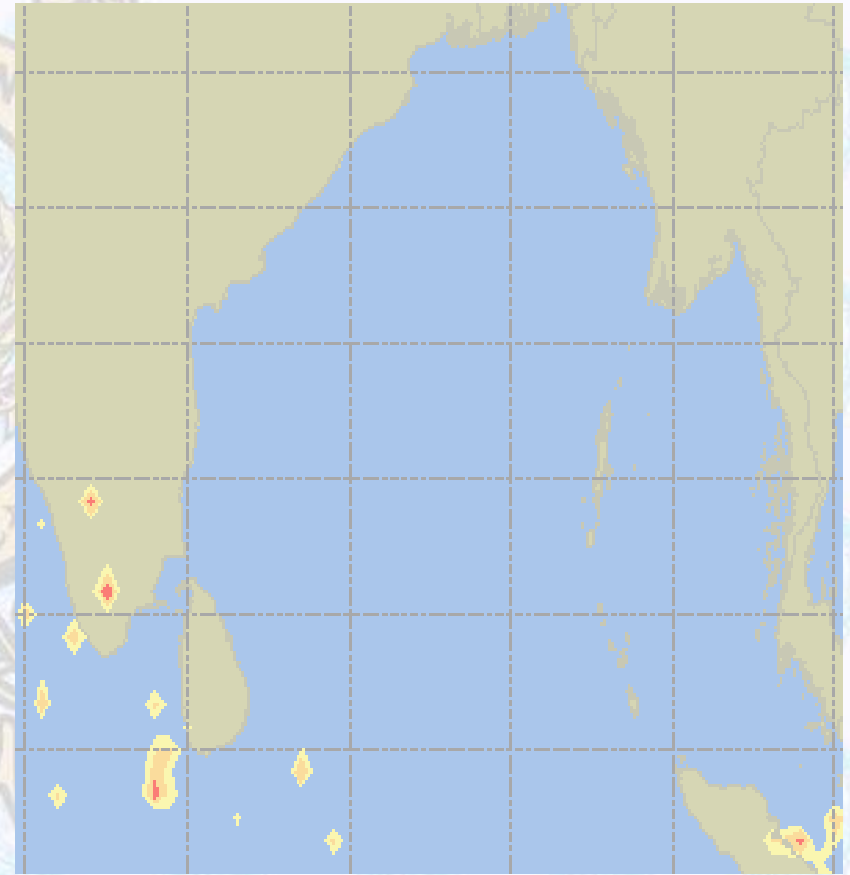
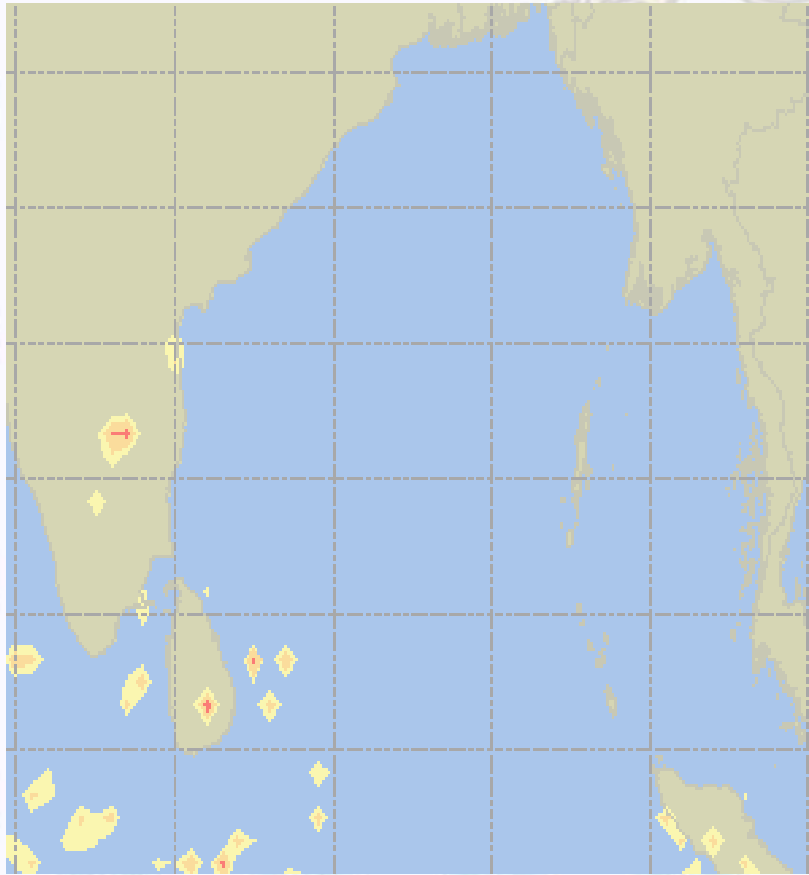




Visibility at Sea Forecast – 22 & 23 Jan 2021

22 Jan 21 Friday

23 Jan 21 Saturday



Visibility Scale:



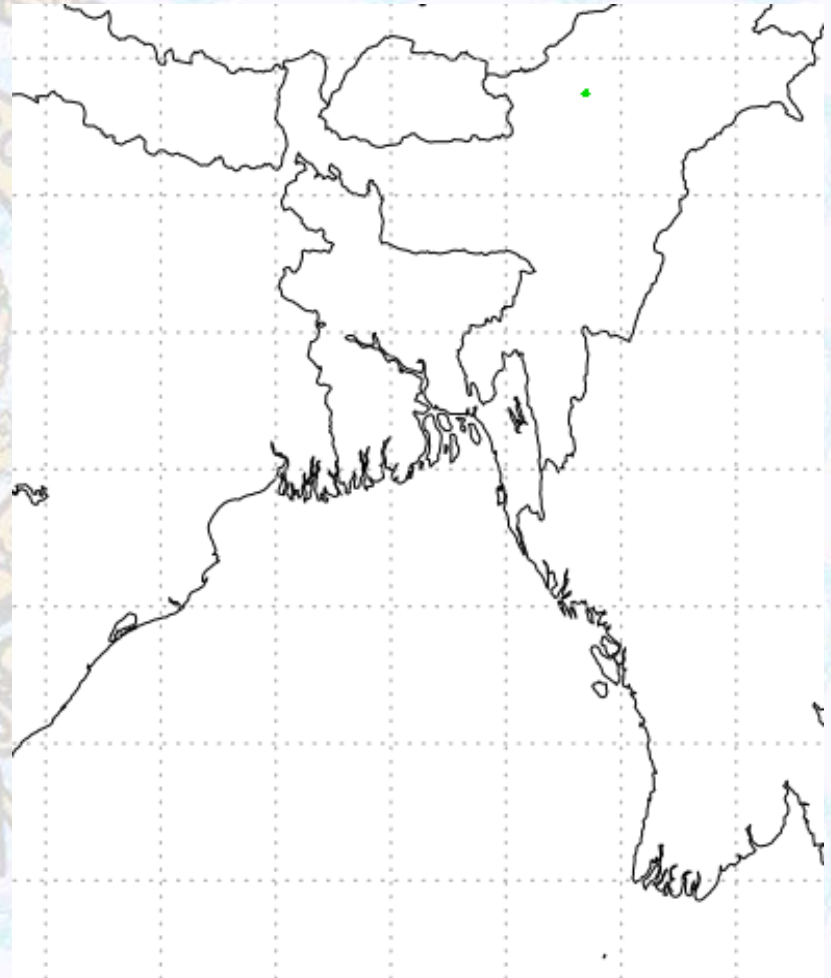
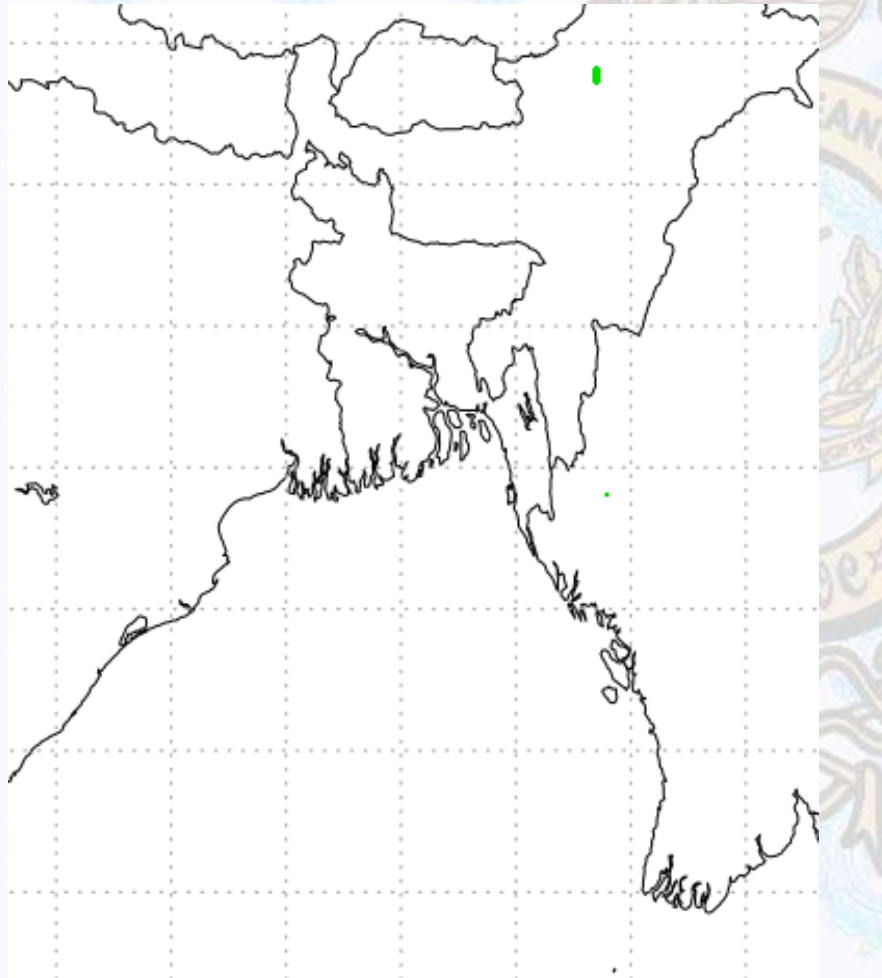
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 22 & 23 Jan 2021

Rain(mm) 23 & 24 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

22 Jan 2021	Time	Height		Time	Height		Time	Height
	0120	1.35		0436	2.23		0416	2.06
	0714	3.07		1103	0.99		1049	1.04
	1337	1.14		1731	2.23		1731	2.15
	2009	3.34		2355	1.11		2358	1.34
23 Jan 2021	Time	Height		Time	Height		Time	Height
	0246	1.39		0544	2.09		0533	1.93
	0830	2.91		1221	1.01		1208	1.08
	1449	1.21		1853	2.29		1904	2.19
	2120	3.40		-	-		-	-
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