



WEATHER FORECAST FOR BN

20 JAN - 23 JAN 2021





WEATHER FORECAST – DHAKA

20.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 19	24 / 18	22 / 16	21 / 16
Wind	12 km/h SSW	12 km/h SSW	5 km/h SSE	3 km/h SSE
Humidity	71%	75%	77%	79%
Chance of Precip	11%	24%	24%	13%
Cloud Cover	49%	36%	21%	24%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 36 PM			

Conditions

Pressure : 1013 hpa

Visibility : 0.5 km

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



WEATHER FORECAST – CHATTOGRAM

20.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 17	23 / 17	21 / 19	20 / 18
Wind	7 km/h SW	7 km/h SW	5 km/h S	5 km/h SSE
Humidity	64%	71%	91%	91%
Chance of Precip.	1%	4%	10%	10%
Cloud Cover	30%	45%	54%	45%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise	06: 34 AM			
Sunset	17: 33 PM			

Conditions

Pressure : 1014 hpa

Visibility : 0.75 Km

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



WEATHER FORECAST – KHULNA

20.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 16	25 / 17	22 / 18	20 / 18
Wind	12 km/h SW	10 km/h SW	5 km/h SSW	3 km/h SSW
Humidity	82%	81%	92%	97%
Chance of Precip.	23%	45%	24%	8%
Cloud Cover	67%	58%	29%	21%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	06: 44 AM 17: 41 PM			

Conditions

Pressure : 1013 hpa

Visibility : 3.5 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	21 Jan 2021	22 Jan 2021	23 Jan 2021
Temperature (C)	25 °C/ 14 °C	25 °C/ 15 °C	25 °C/ 15 °C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h42m54s/17h37m06s	6h42m42s/17h37m54s	6h42m24s/17h38m36s
Day Length	10h54m12s	10h55m12s	10h56m12s
Moon Rise/ Set	11:55AM 12:06AM	12:29AM 12:56AM	1:06AM 1:48AM
Moon Phase/ illu	First Quarter, 51%	Waxing Gibbous, 60%	Waxing Gibbous, 70%
Nautical Twilight	05:50,18:28	05:49,18:29	05:49,18:29
Civil Twilight	06:18,18:01	06:17,18:01	06:17,18:02
Humidity	D : 78% N : 80%	D : 69% N : 78%	D : 69% N : 78%
Barometer (mb)	1012	1013	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	10%	5%	5%
Wind (mph)	7 Km/h NNW	6 Km/h NNW	8 Km/h WNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	21 Jan 2021	22 Jan 2021	23 Jan 2021
Temperature (C)	24 °C/ 15 °C	25 °C/ 14 °C	25 °C/ 14 °C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h34m36s/17h33m54s	6h34m24s/17h34m42s	6h34m06s/17h35m24s
Day Length	10h59m18s	11h00m18s	11h01m18s
Moon Rise/ Set	11:51AM -	12:25AM 12:49AM	1:02AM 1:40AM
Moon Phase/ illu	First Quarter, 51%	Waxing Gibbous, 60%	Waxing Gibbous, 70%
NauticalTwilight	05:43 18:25	05:42 18:25	05:42 18:24
Civil Twilight	06:10, 17:57	06:09, 17:58	06:09, 17:58
Humidity	D : 87% N : 98%	D : 70% N : 83%	D : 67% N : 90%
Barometer (mb)	1013	1013	1012
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	25%	10%	5%
Wind (mph)	98Km/h SSW	10 Km/h NW	9 Km/h NW

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



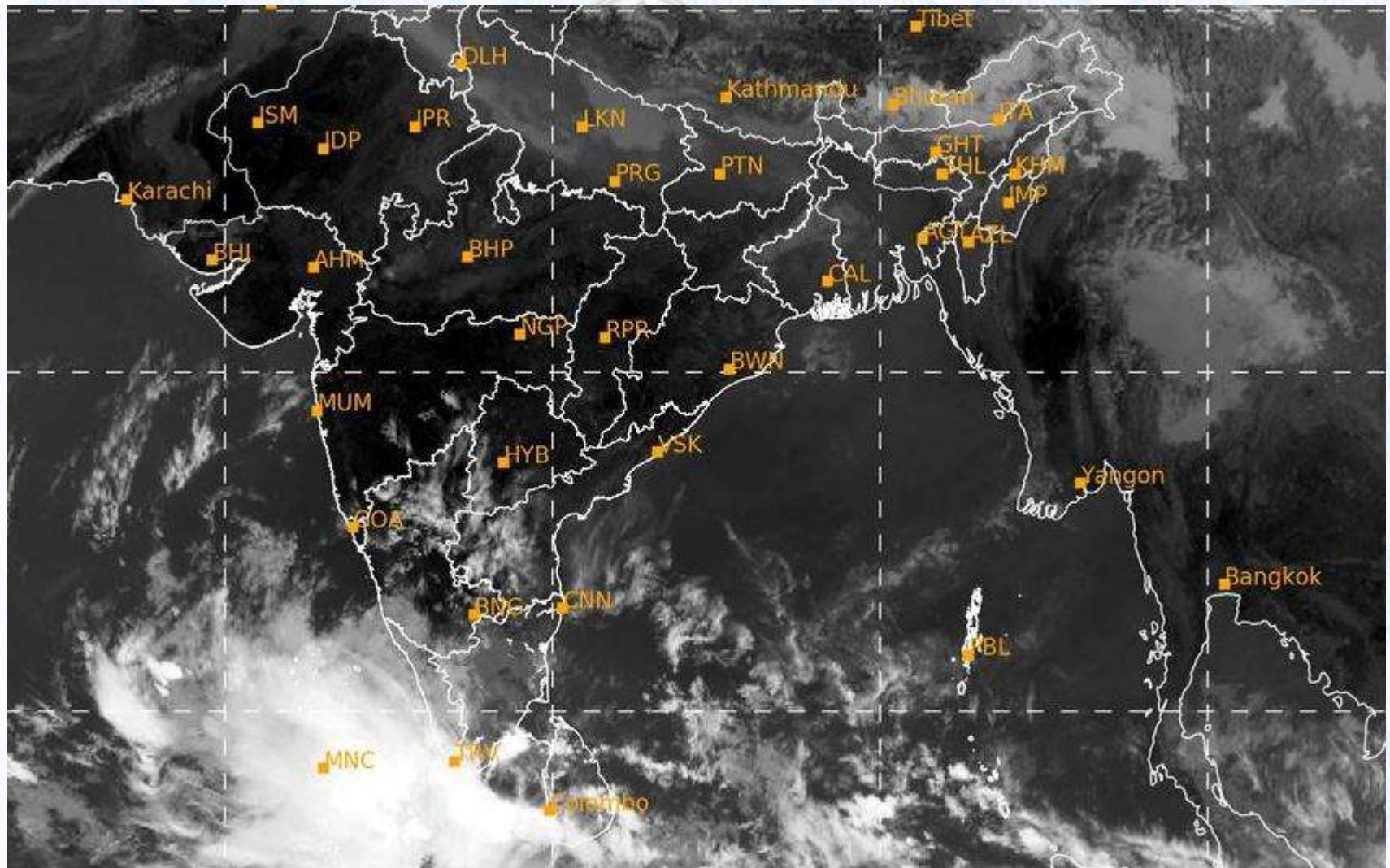
GENERAL WEATHER FORECAST – KHULNA

Description	21 Jan 2021	22 Jan 2021	23 Jan 2021
Temperature(C)	26°C/ 14°C	25°C/ 14°C	25°C/ 15°C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h44m36s/17h42m06s	6h44m24s/17h42m54s	6h44m06s/17h43m36s
Day Length	10h57m30s	10h58m30s	10h59m30s
Moon Rise/Set	12:00AM 12:08AM	12:33AM 12:59AM	1:11AM 1:50AM
Moon Phase/illu	First Quarter, 51%	Waxing Gibbous, 60%	Waxing Gibbous, 70%
Nautical Twilight	05:52, 18:33	05:51, 18:33	05:51, 18:34
Civil Twilight	06:20, 18:06	06:19, 18:07	06:19, 18:07
Humidity	D : 68% N : 80%	D : 66% N : 80%	D : 68% N : 80%
Barometer (mb)	1012	1013	1012
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	10%	5%	5%
Wind (mph)	9 km/h NNW	6 km/h NNW	7 km/h NW

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



SATELLITE VIEW OF BAY OF BENGAL

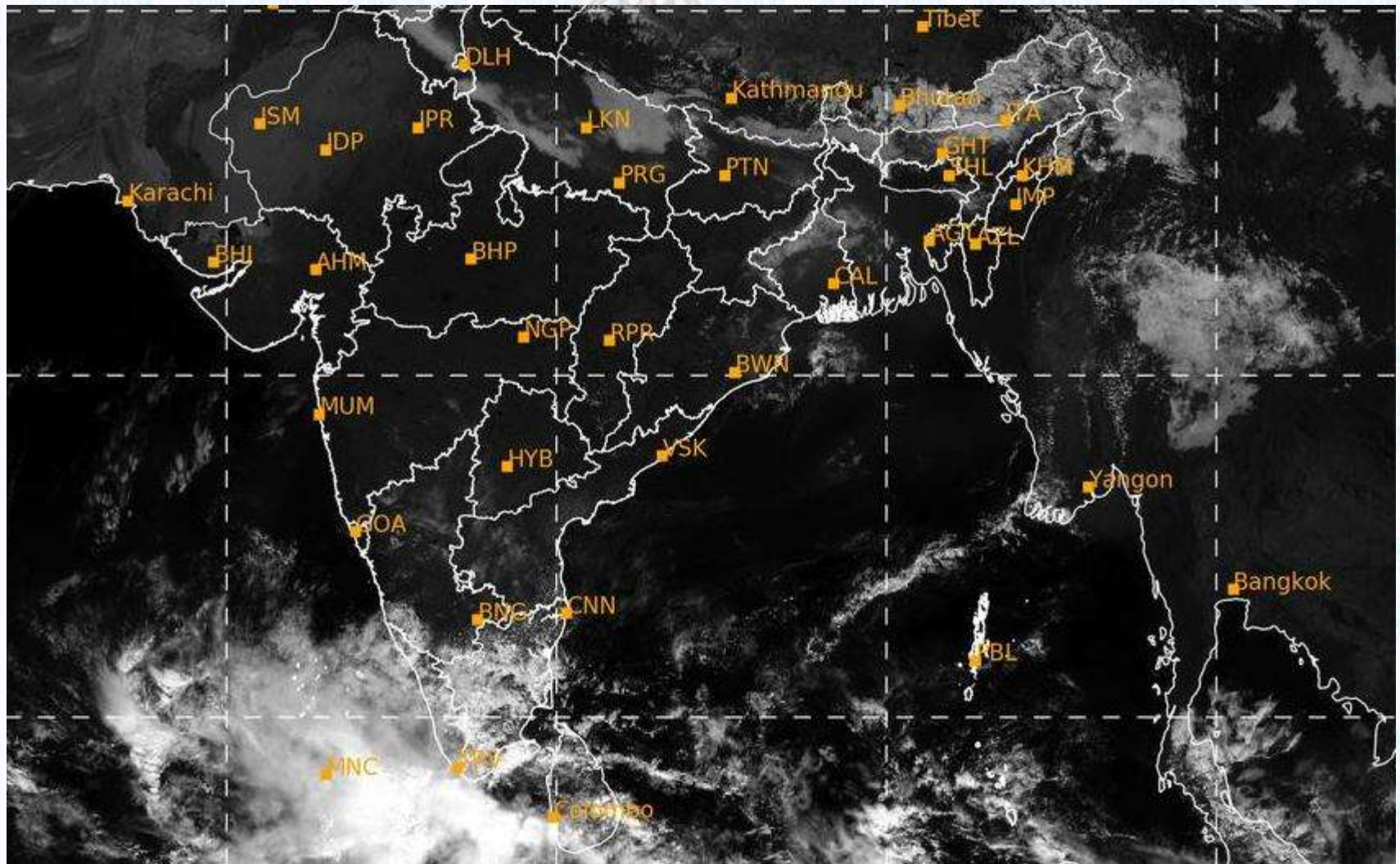


20/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



20/01/2021, 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 20.01.2021)

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 = 20,0000 UTC. CHATTOGRAM =1015 HPA



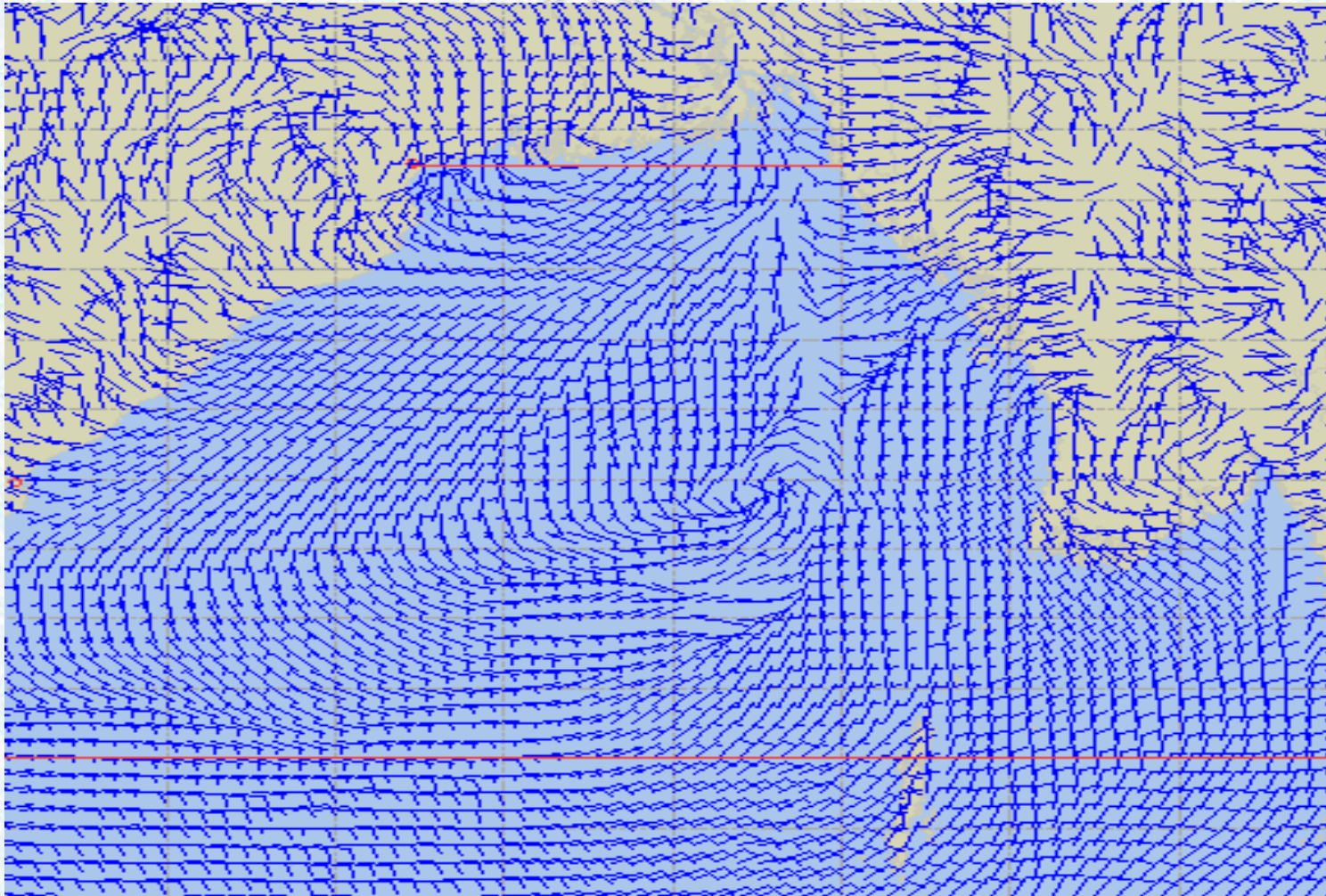
Inland River Port Warning **(VALID TILL 06 PM OF 20.01.2020)**

MODERATE TO THICK FOG MAY REDUCE SURFACE VISIBILITY TO 500M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 03-04 HRS COMMENCING 09:00 AM OF 19.01.2021 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



Surface Wind Forecast- 21 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



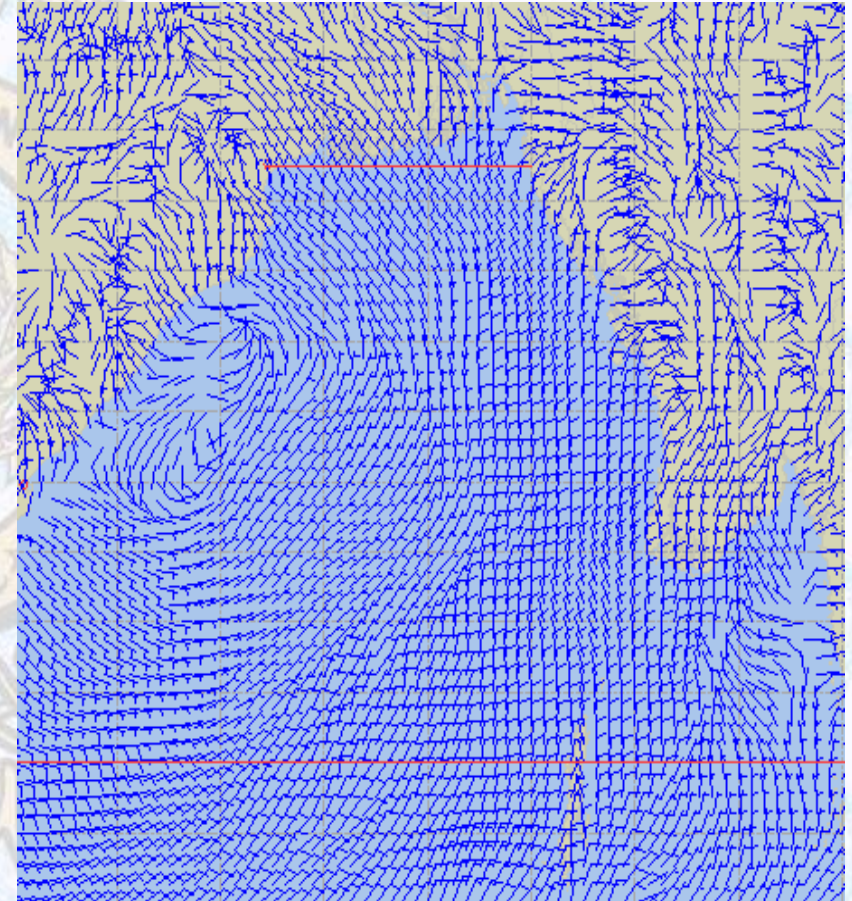
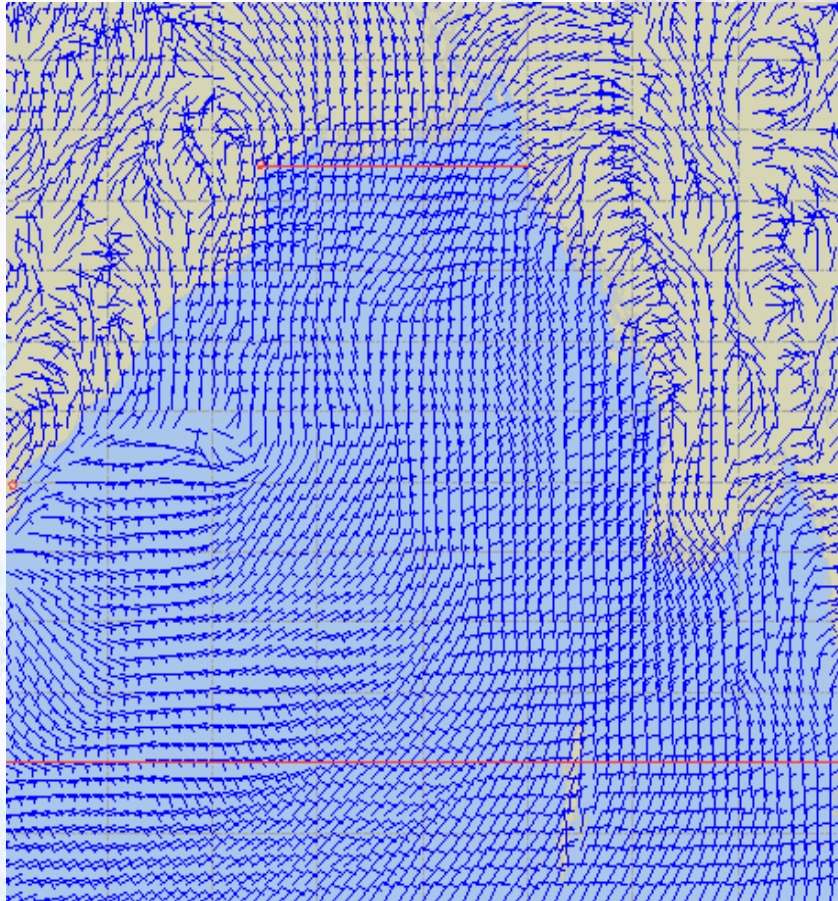
60 Knots



Surface Wind Forecast – 22 & 23 Jan - 2021

22 Jan 21 Friday

23 Jan 21 Saturday



Legend:



Calm
Winds



5 Knots



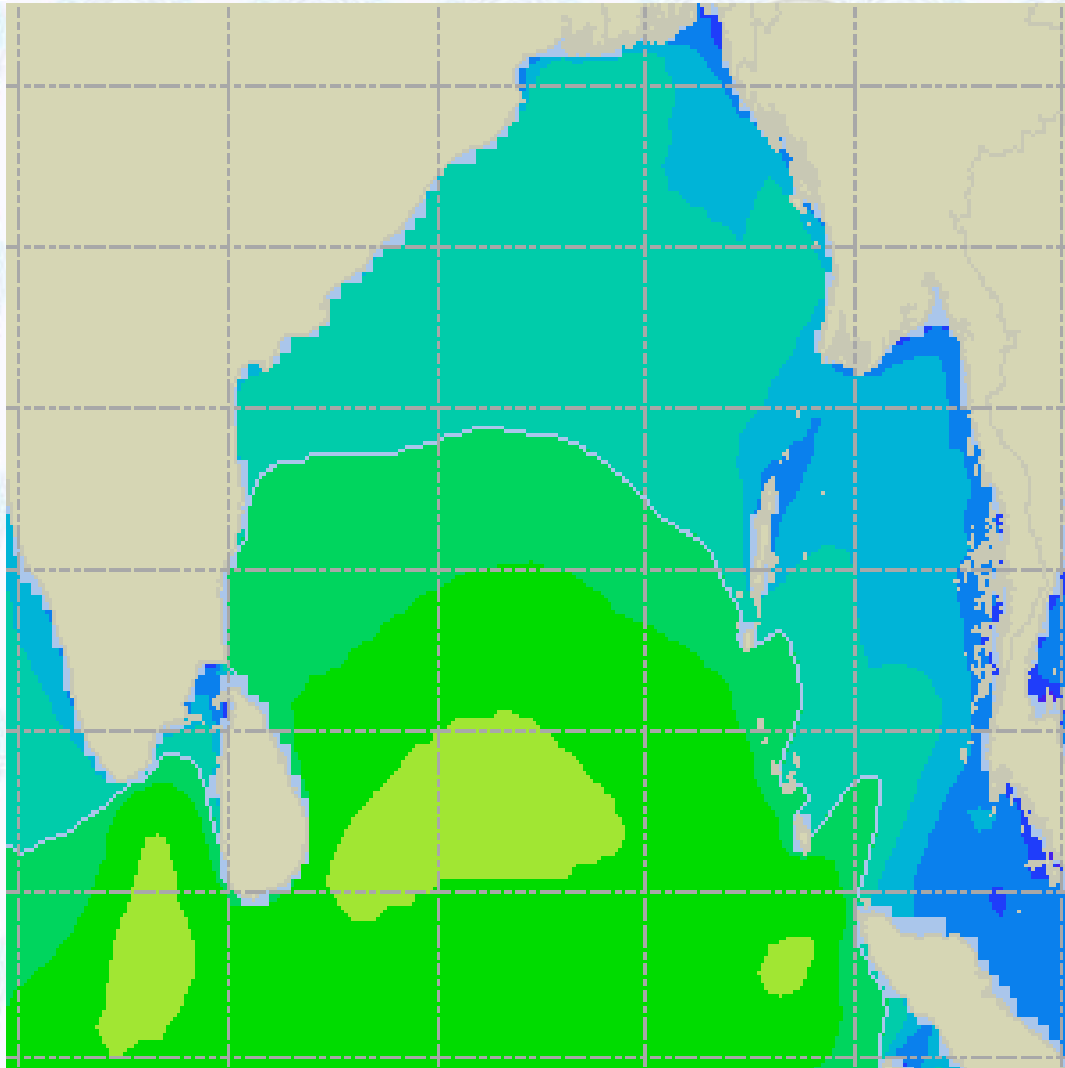
10 Knots



60 Knots



Sea State Forecast – 21 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

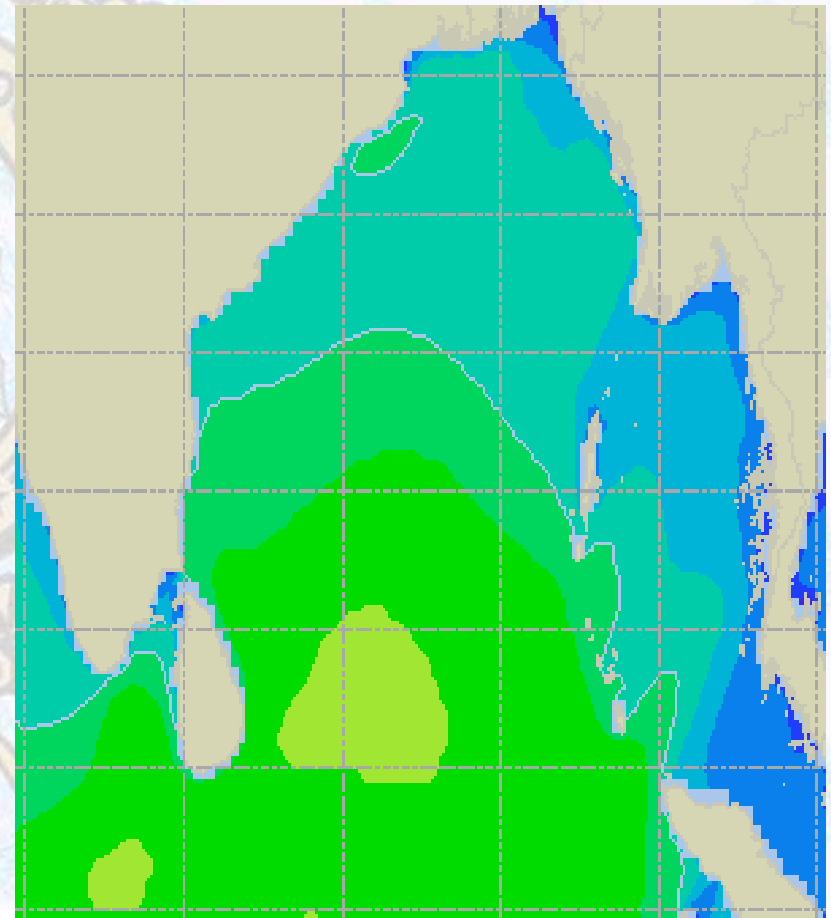
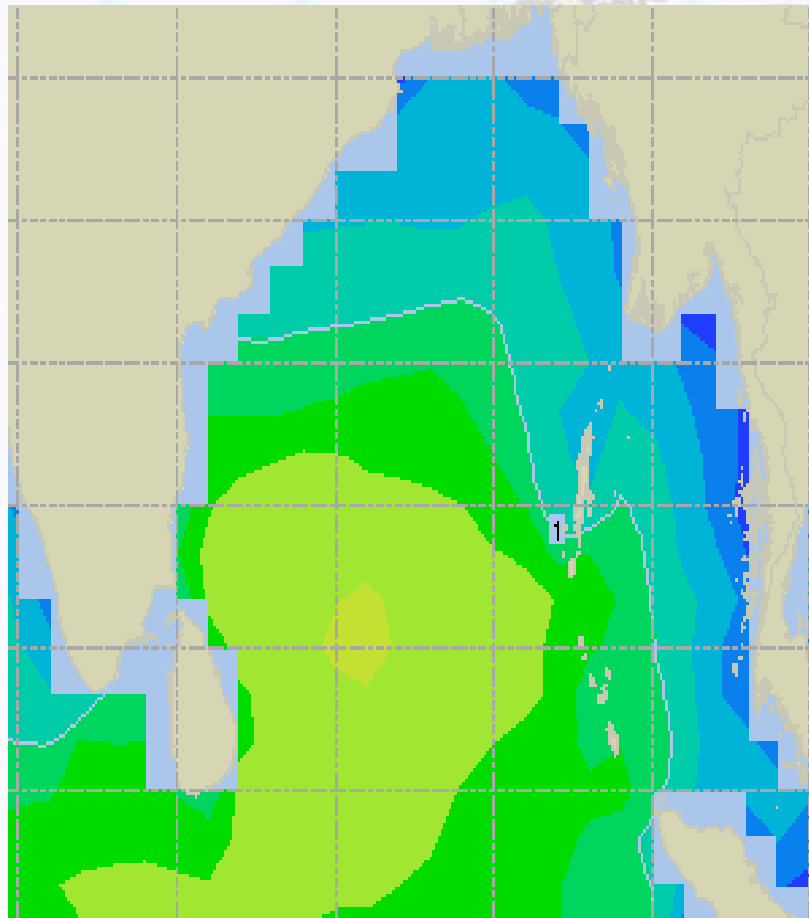




Sea State Forecast – 22 & 23 Jan - 2021

22 Jan 21 Friday

23 Jan 21 Saturday

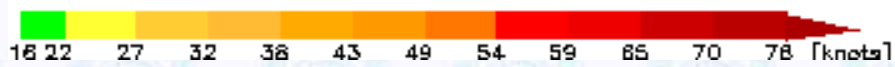
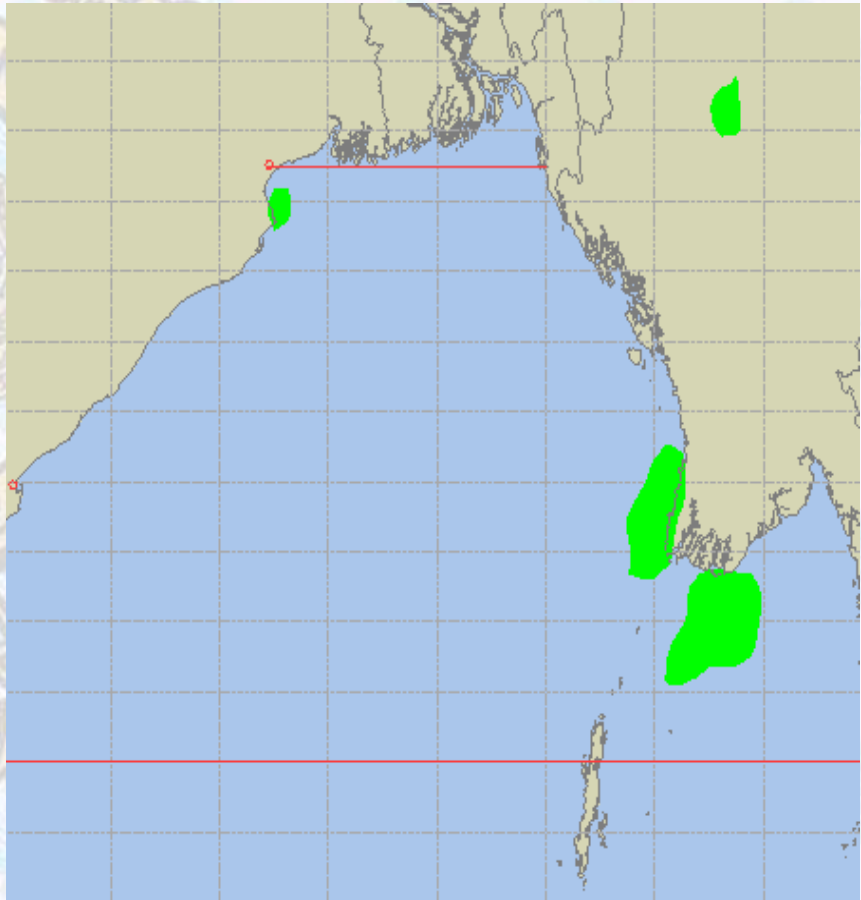
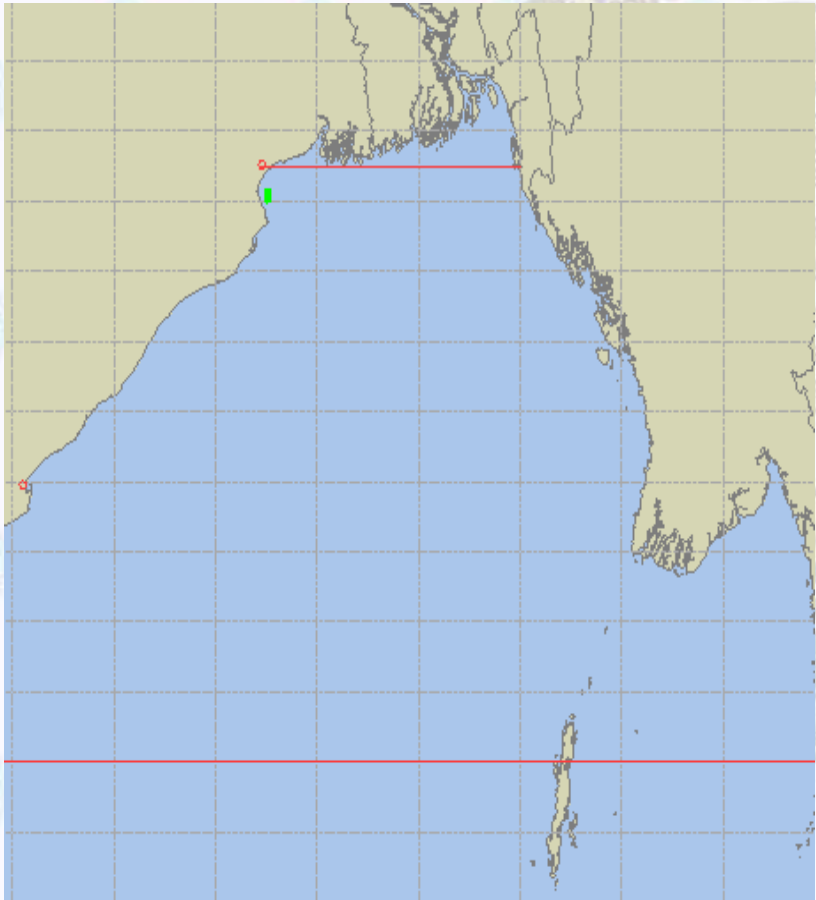




Peak Gusting Possibilities– 21 & 22 Jan 2021

21 Jan 21 Thursday

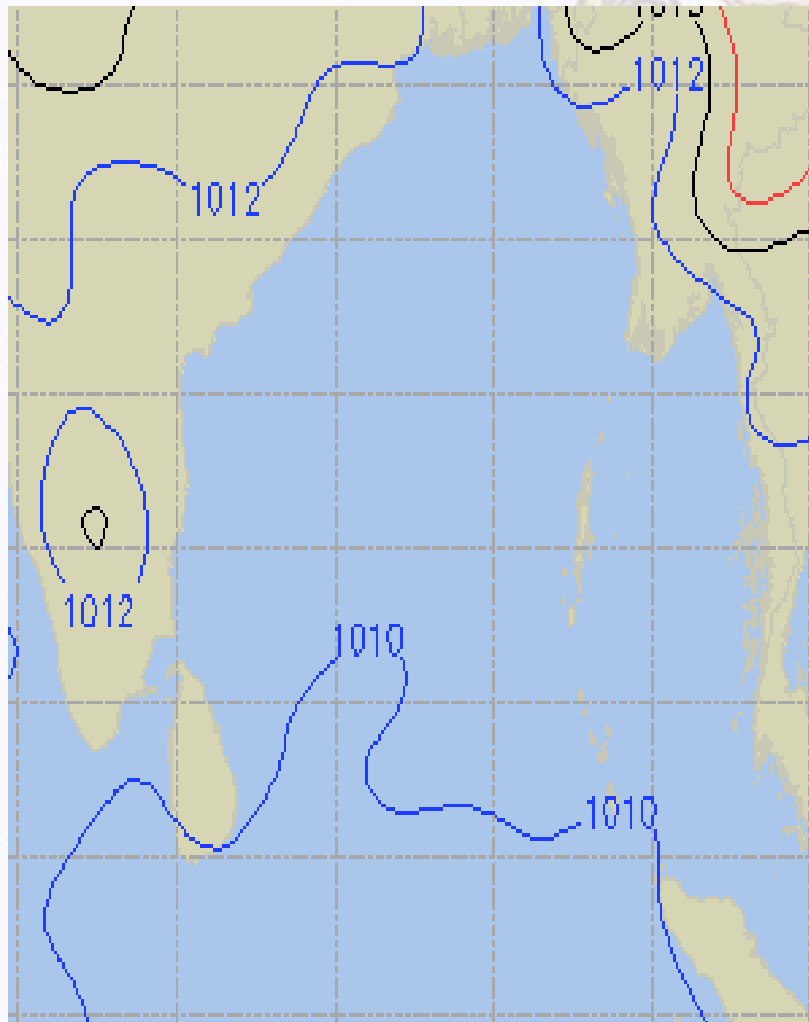
22 Jan 21 Friday



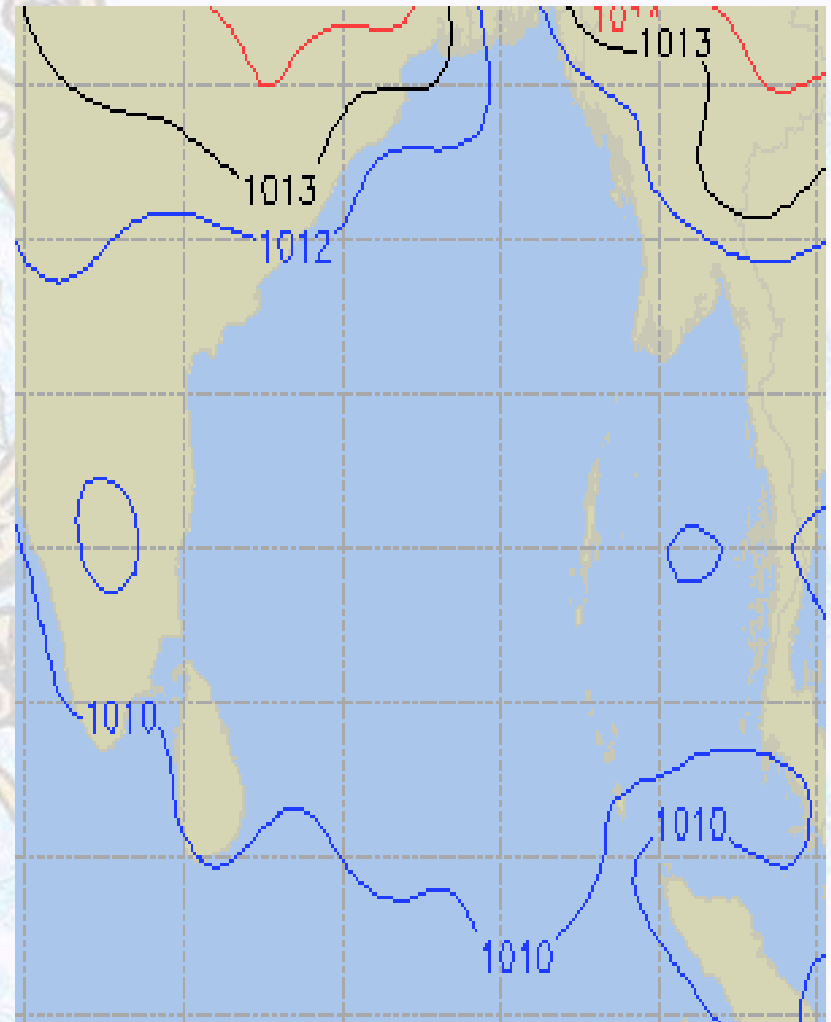


Surface Pressure forecast – 21 & 22 Jan 2021

21 Jan 21 Thursday



22 Jan 21 Friday

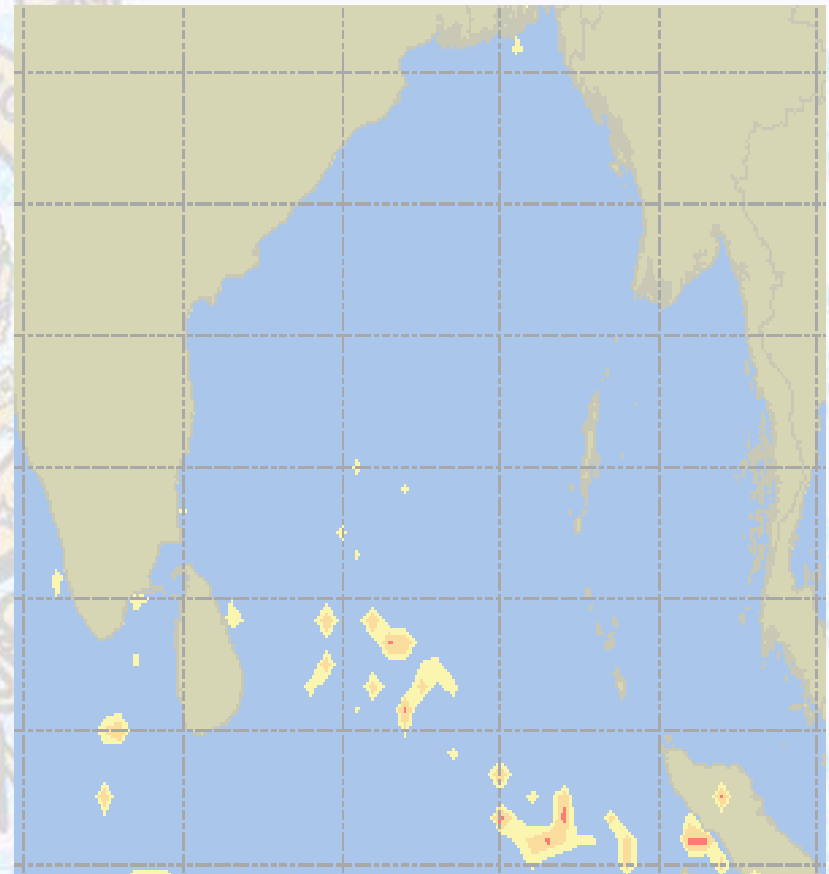
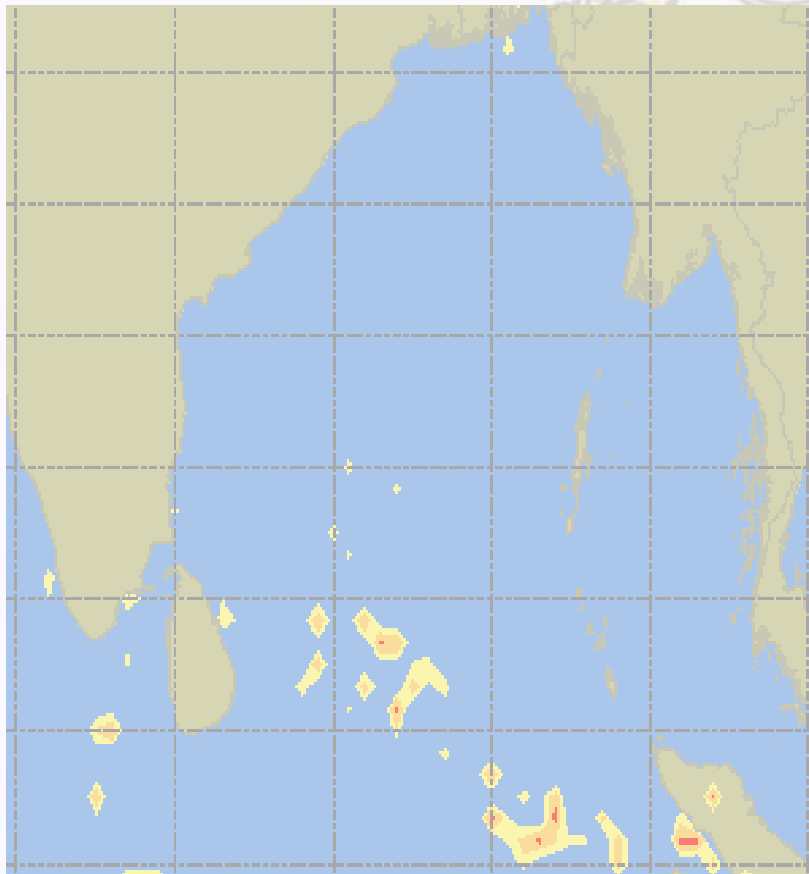




Visibility at Sea Forecast – 21 & 22 Jan 2021

21 Jan 21 Thursday

22 Jan 21 Friday



Visibility Scale:

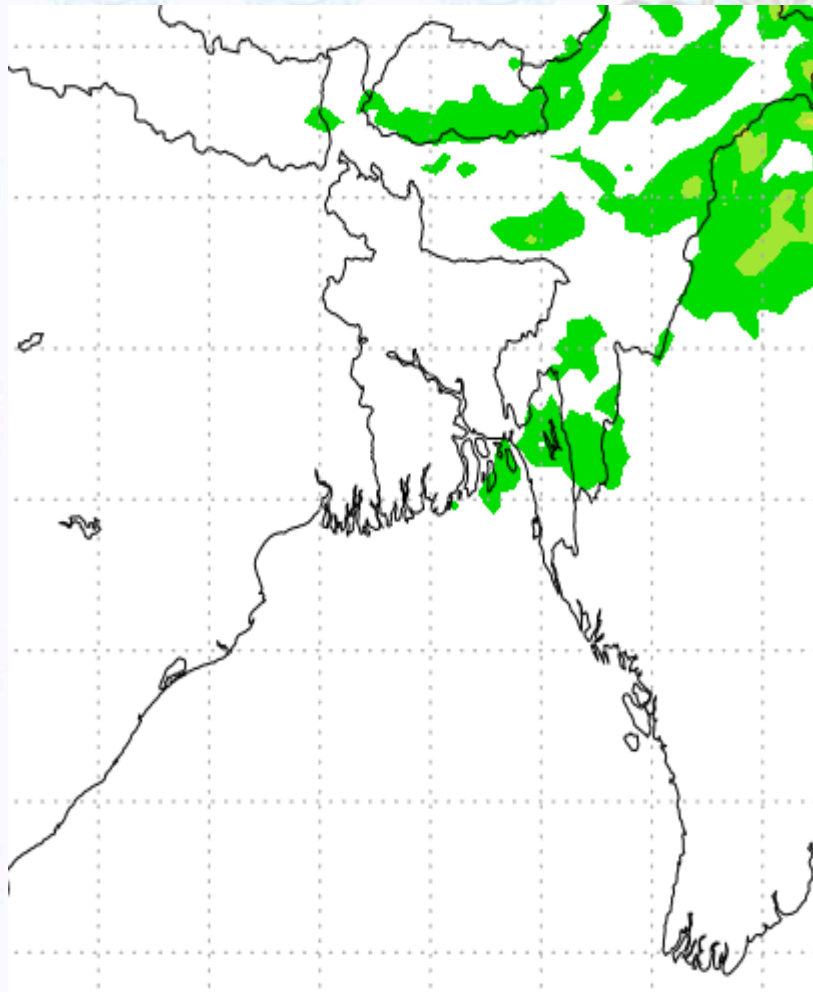


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

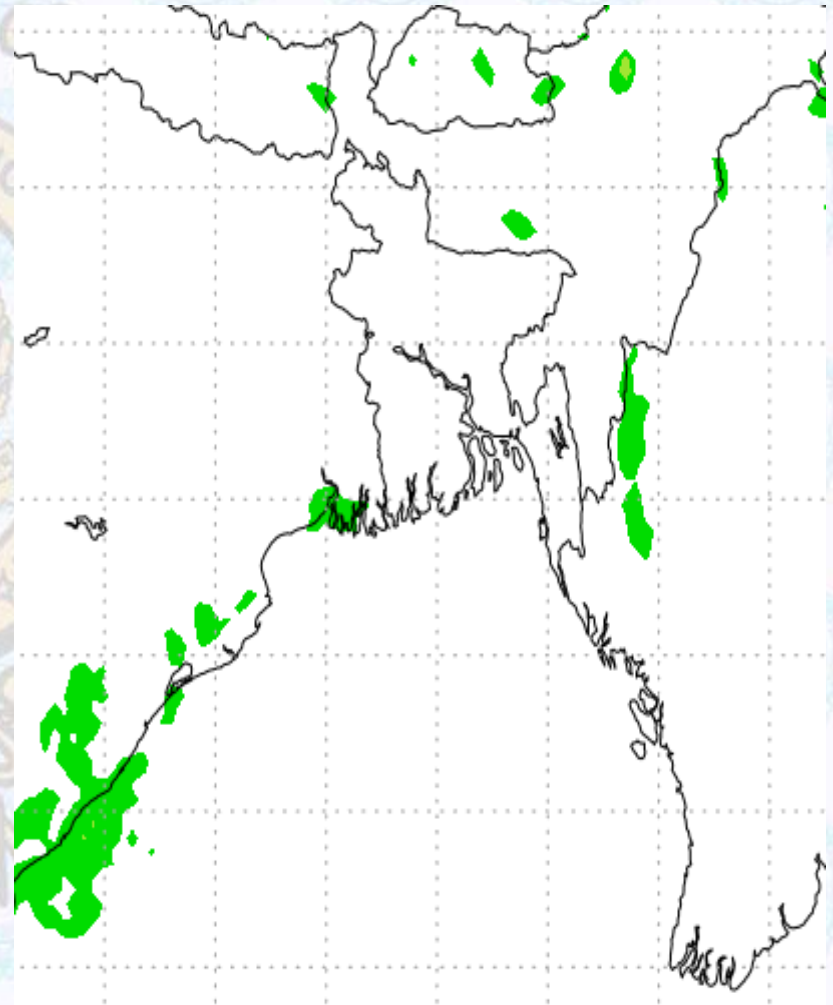


Precipitation

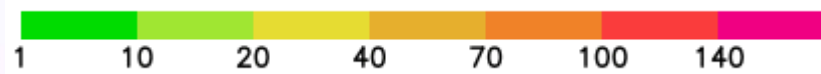
Rain(mm) 21 & 22 Jan 2021



Rain(mm) 22 & 23 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

21 Jan 2021	Time	Height		Time	Height		Time	Height
	0015	1.19		0343	2.44		0322	2.24
	0612	3.35		1003	0.90		0950	0.94
	1237	0.97		1620	2.28		1617	2.20
	1900	3.40		2239	1.04		2227	1.27
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		-	-		-	-