



WEATHER FORECAST FOR BN

25 JAN - 28 JAN 2021



WEATHER FORECAST – DHAKA

25.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 17	24 / 16	21 / 16	19 / 15
Wind	7 km/h NW	7 km/h NW	3 km/h NNE	3 km/h E
Humidity	63%	59%	73%	78%
Chance of Precip	1%	1%	4%	4%
Cloud Cover	1%	1%	2%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 41 AM 17: 40 PM			

Conditions

Pressure : 1016 hpa

Visibility : 0.6 km

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



WEATHER FORECAST – CHATTOGRAM

25.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 15	23 / 15	20 / 16	18 / 16
Wind	9 km/h WNW	8 km/h WNW	7 km/h NW	7 km/h N
Humidity	59%	60%	81%	87%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 33 AM			
Sunset	17: 36 PM			

Conditions

Pressure : 1015 hpa

Visibility : 1.9 Km

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



WEATHER FORECAST – KHULNA

25.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 16	26 / 16	21 / 16	18 / 15
Wind	5 km/h NNW	5 km/h NNW	4 km/h NE	2 km/h E
Humidity	56%	54%	76%	87%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	7%	12%	4%	8%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 45 PM			

Conditions

Pressure : 1016 hpa

Visibility : 2.9 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	26 Jan 2021	27 Jan 2021	28 Jan 2021
Temperature (C)	25 °C/ 14 °C	25 °C/ 13 °C	25 °C/ 14 °C
Summary	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
Sun Rise/Set	6h41m36s/17h40m42s	6h41m12s/17h41m24s	6h40m54s/17h42m06s
Day Length	10h59m06s	11h00m12s	11h01m12s
Moon Rise/ Set	3:22AM 4:30AM	4:17AM 5:26AM	5:17AM 6:18AM
Moon Phase/ illu	Waxing Gibbous, 92%	Waxing Gibbous, 97%	Full Moon, 99%
Nautical Twilight	05:49,18:31	05:48,18:32	05:47,18:33
Civil Twilight	06:17,18:03	06:16,18:04	06:15,18:04
Humidity	D : 71% N : 79%	D : 67% N : 77%	D : 65% N : 78%
Barometer (mb)	1014	1014	1015
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 Km/h NNW	12 Km/h NNW	11 Km/h NNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	26 Jan 2021	27 Jan 2021	28 Jan 2021
Temperature (C)	27 °C/ 14 °C	26 °C/ 13 °C	26 °C/ 13 °C
Summary	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
Sun Rise/Set	6h33m18s/ 17h37m30s	6h33m00s/ 17h38m06s	6h32m42s/ 17h38m42s
Day Length	11h04m12s	11h05m06s	11h06m00s
Moon Rise/ Set	3:19AM 4:21AM	4:14AM 5:16AM	5:19AM 6:20AM
Moon Phase/ illu	Waxing Gibbous, 92%	Waxing Gibbous, 97%	Full Moon, 99%
NauticalTwilight	05:42, 18:25	05:41, 18:26	05:40, 18:27
Civil Twilight	06:08, 17:58	06:08, 17:58	06:08, 17:59
Humidity	D : 58% N : 79%	D : 57% N : 76%	D : 57% N : 81%
Barometer (mb)	1013	1014	1014
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	12 Km/h NNW	14 Km/h NNW	11 Km/h NNW

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



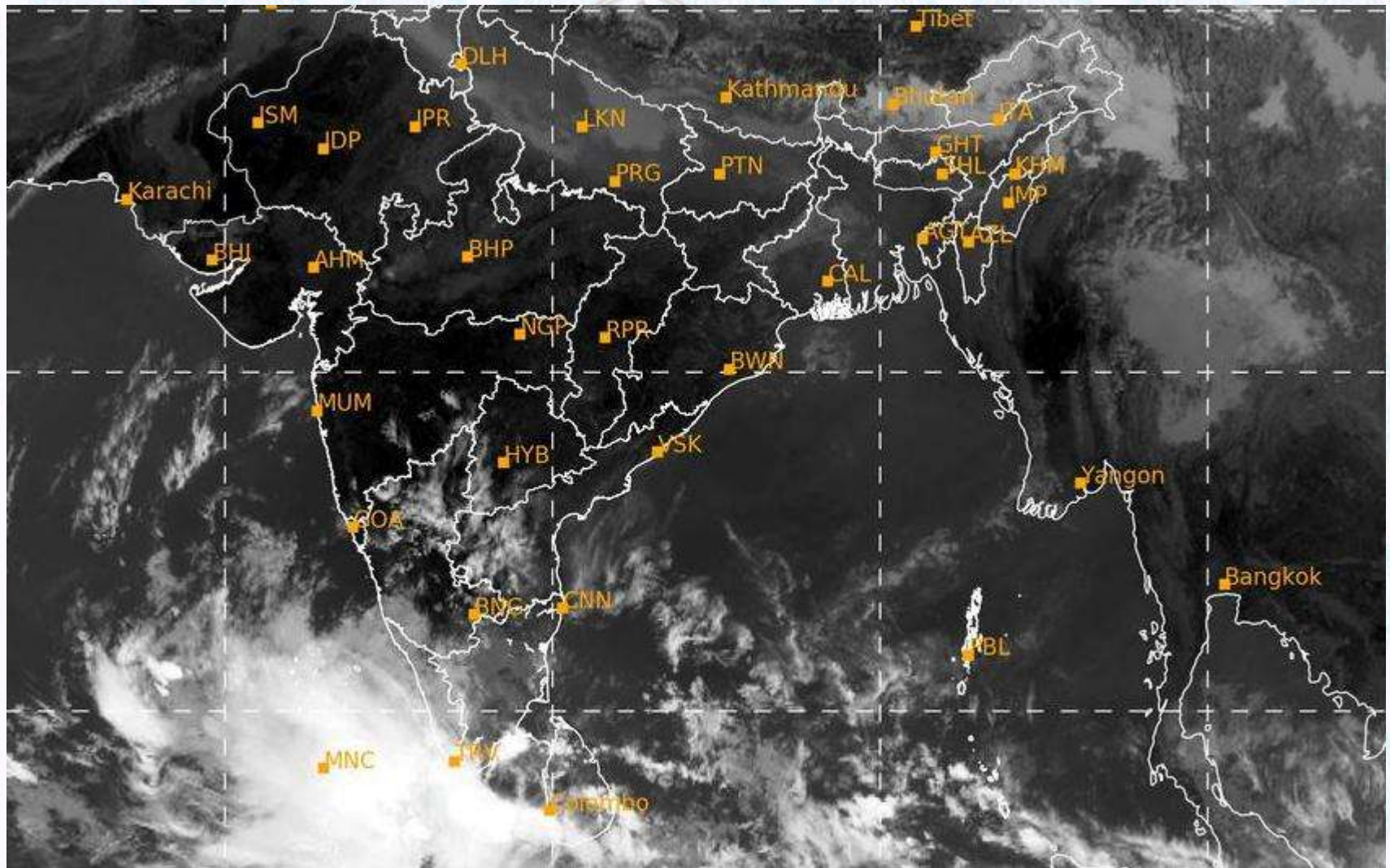
GENERAL WEATHER FORECAST – KHULNA

Description	26 Jan 2021	27 Jan 2021	28 Jan 2021
Temperature(C)	25°C/ 14°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	6h43m18s/ 17h45m48s	6h43m00s/ 17h46m24s	6h42m42s/ 17h47m06s
Day Length	10h02m30s	10h03m24s	10h04m24s
Moon Rise/Set	3:28AM 4:32AM	4:23AM 5:27AM	5:22AM 6:19AM
Moon Phase/illu	Waxing Gibbous, 92%	Waxing Gibbous, 97%	Full Moon, 99%
Nautical Twilight	05:49, 18:36	05:50, 18:35	05:50, 18:36
Civil Twilight	06:19, 18:07	06:20, 18:06	06:20, 18:06
Humidity	D : 68% N : 80%	D : 66% N : 77%	D : 63% N : 76%
Barometer (mb)	1014	1014	1015
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 km/h N	11 km/h N	13 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

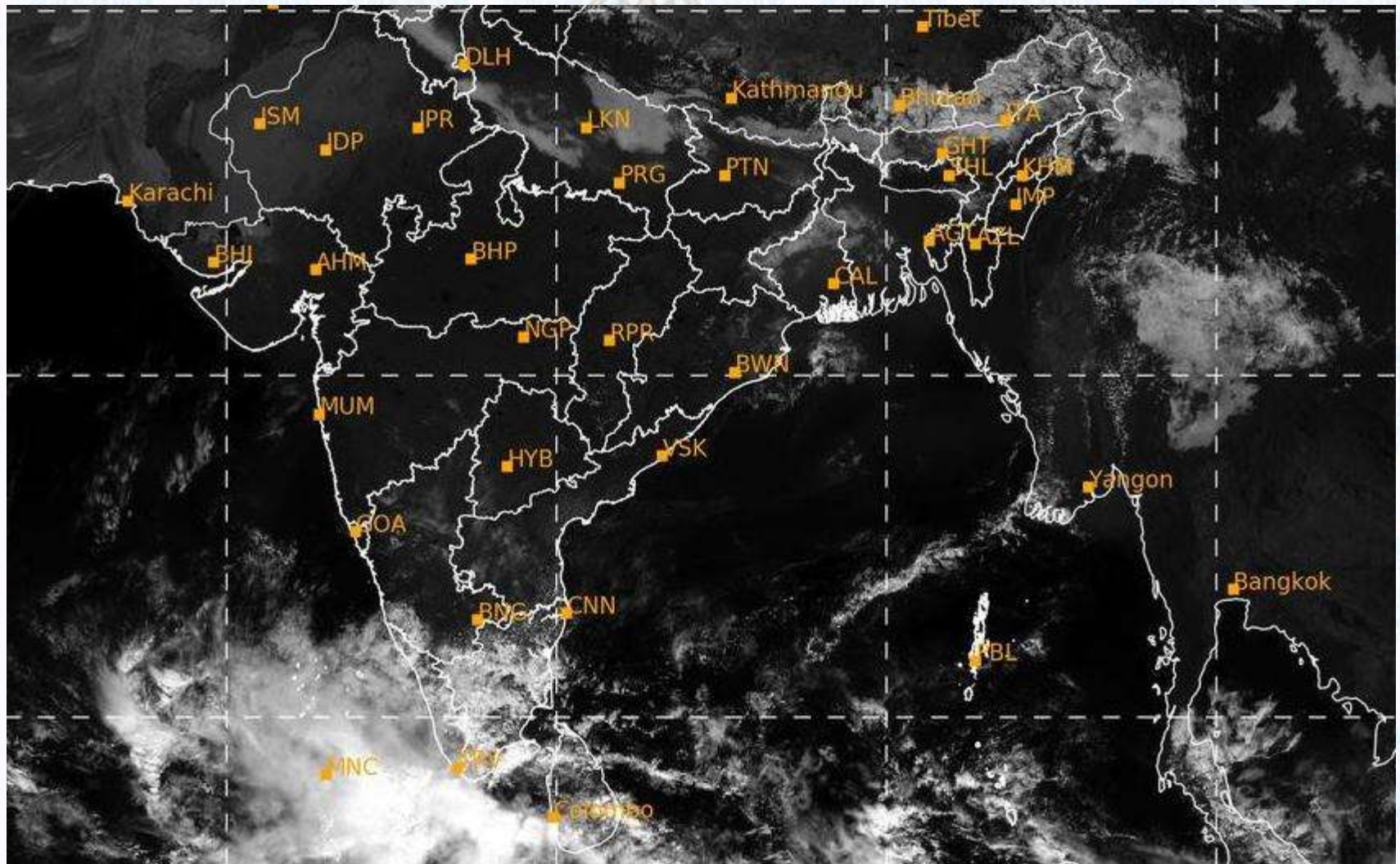


25/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



25/01/2021, 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 25.01.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/ FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 25,0000 UTC. CHATTOGRAM =1015 HPA



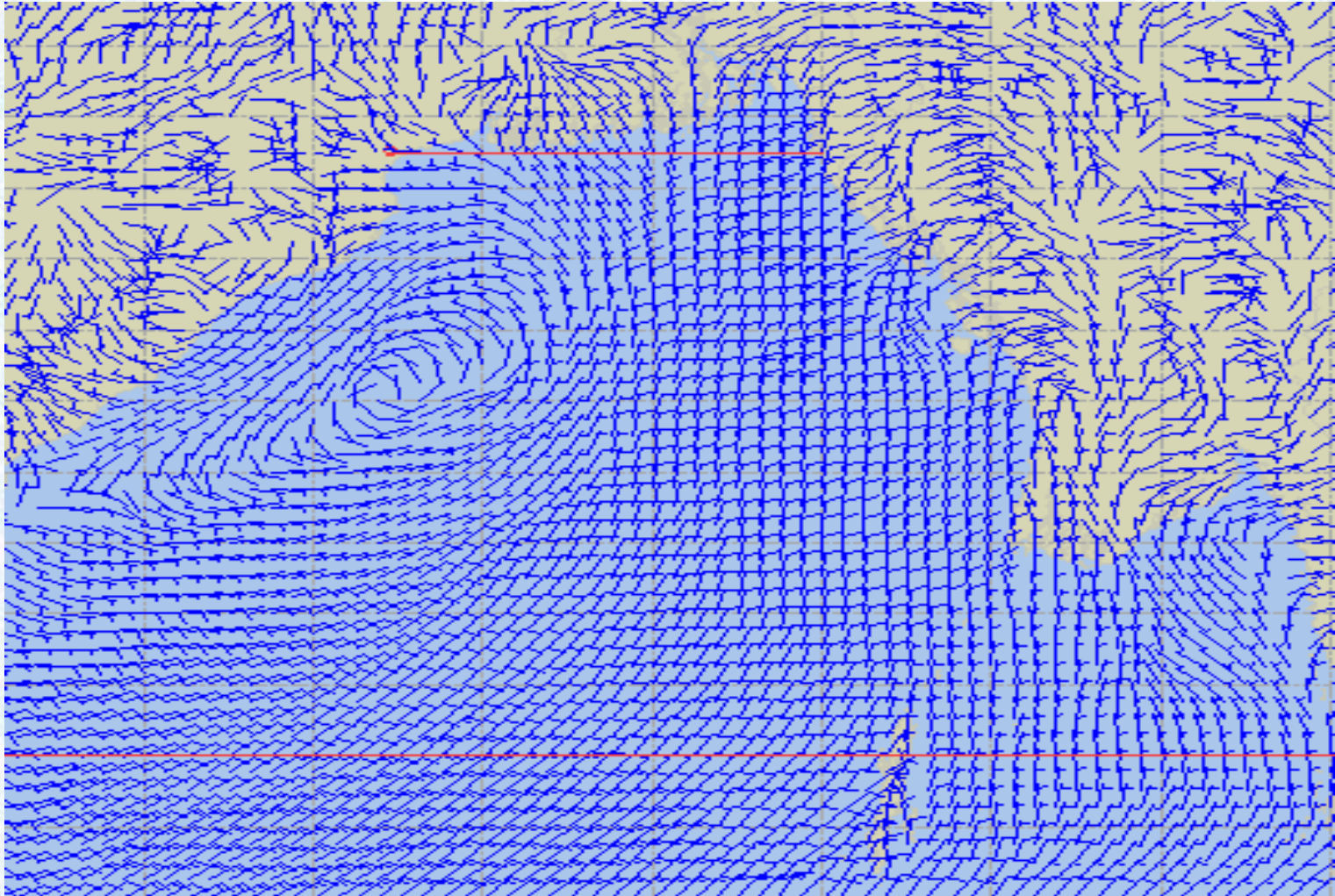
Inland River Port Warning **(VALID TILL 06 PM OF 25.01.2020)**

MODERATE TO THICK FOG MAY REDUCE SURFACE VISIBILITY TO 300M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 04-06 HRS COMMENCING 05.00 AM OF 24.01.2021 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



Surface Wind Forecast- 26 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



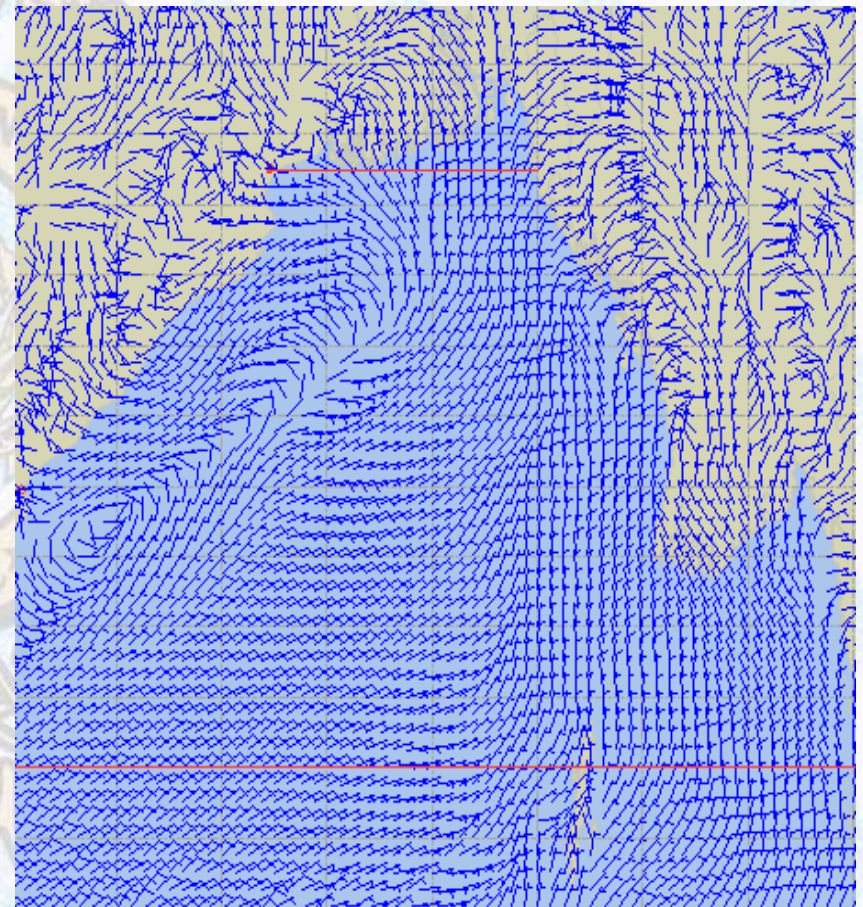
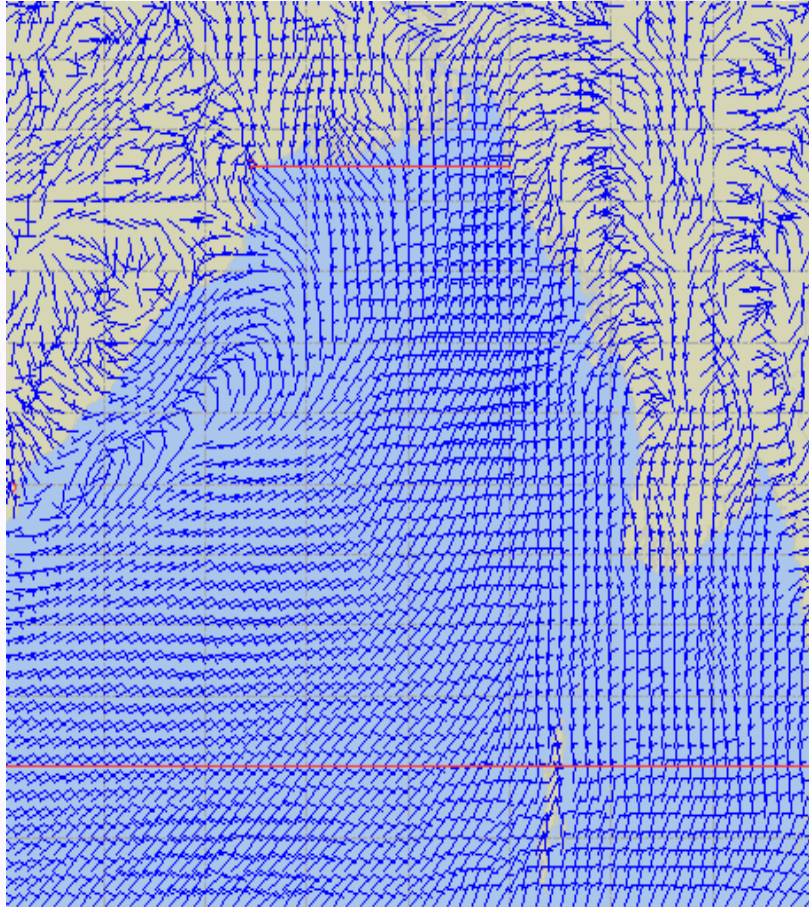
60 Knots



Surface Wind Forecast – 27 & 28 Jan - 2021

27 Jan 21 Wednesday

28 Jan 21 Thursday



Legend:



Calm
Winds



5 Knots



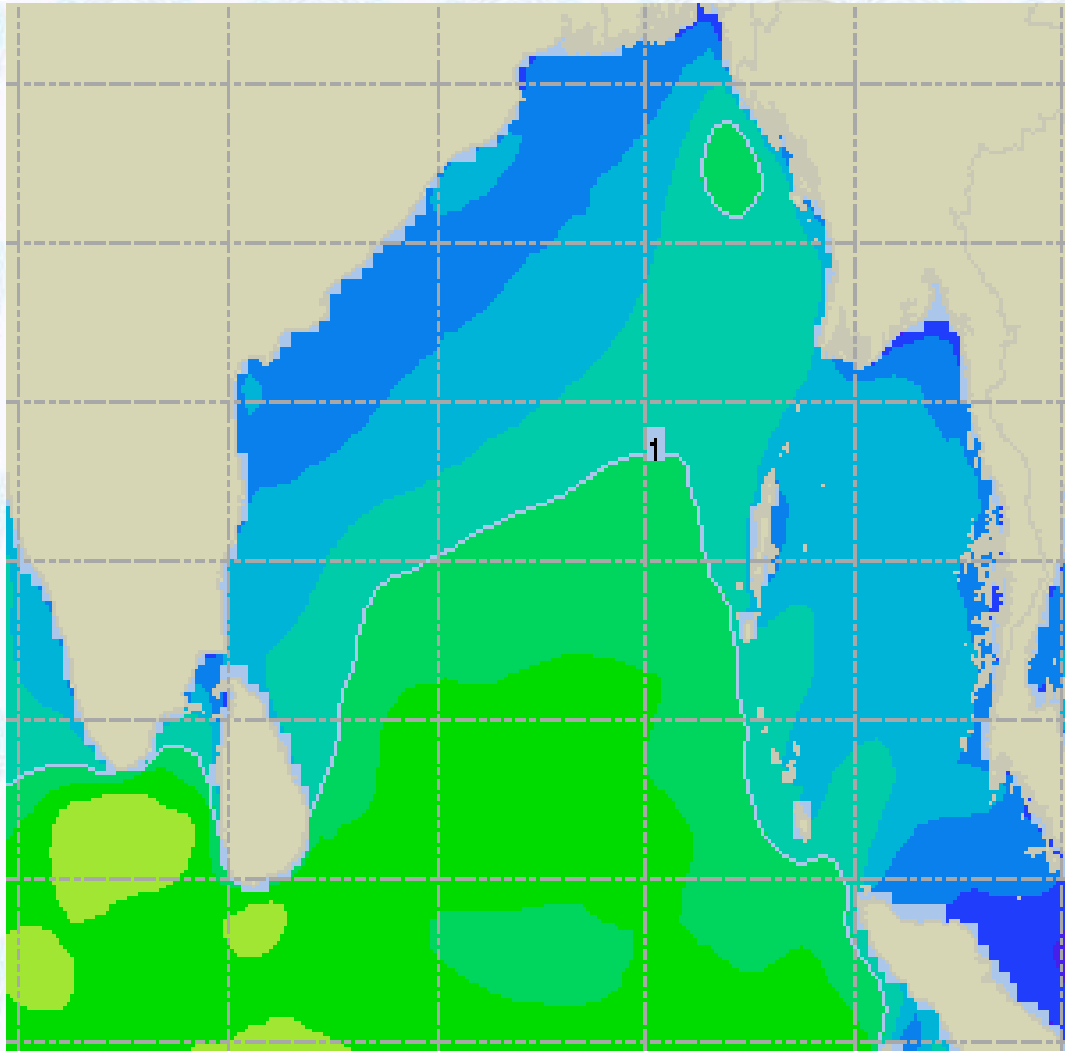
10 Knots



60 Knots



Sea State Forecast – 26 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

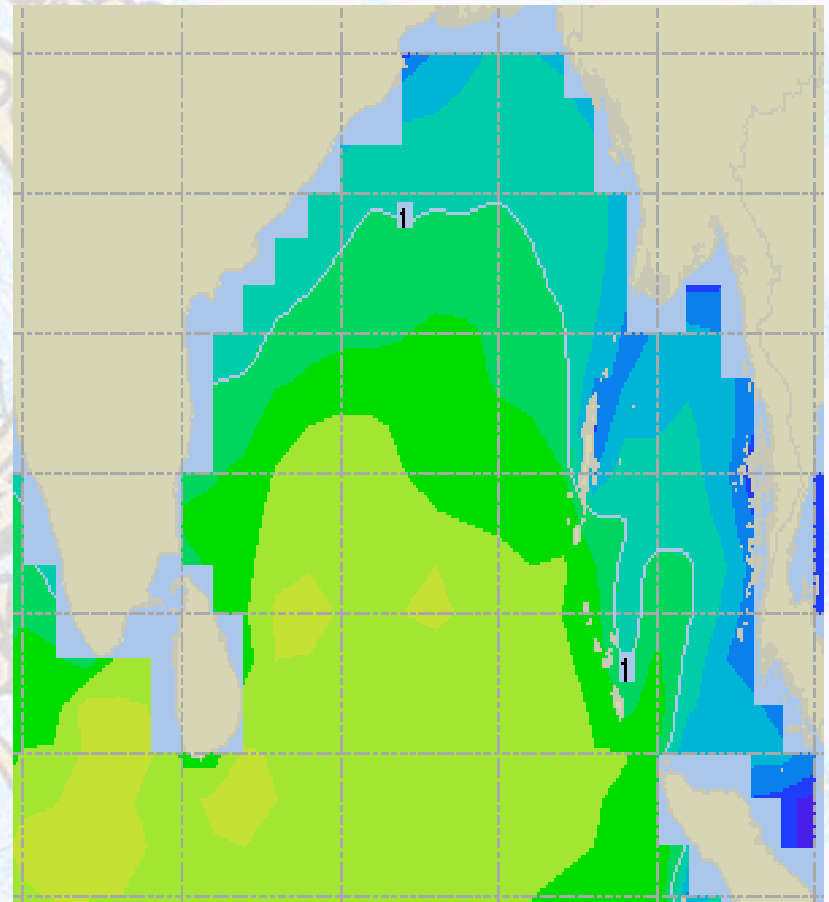
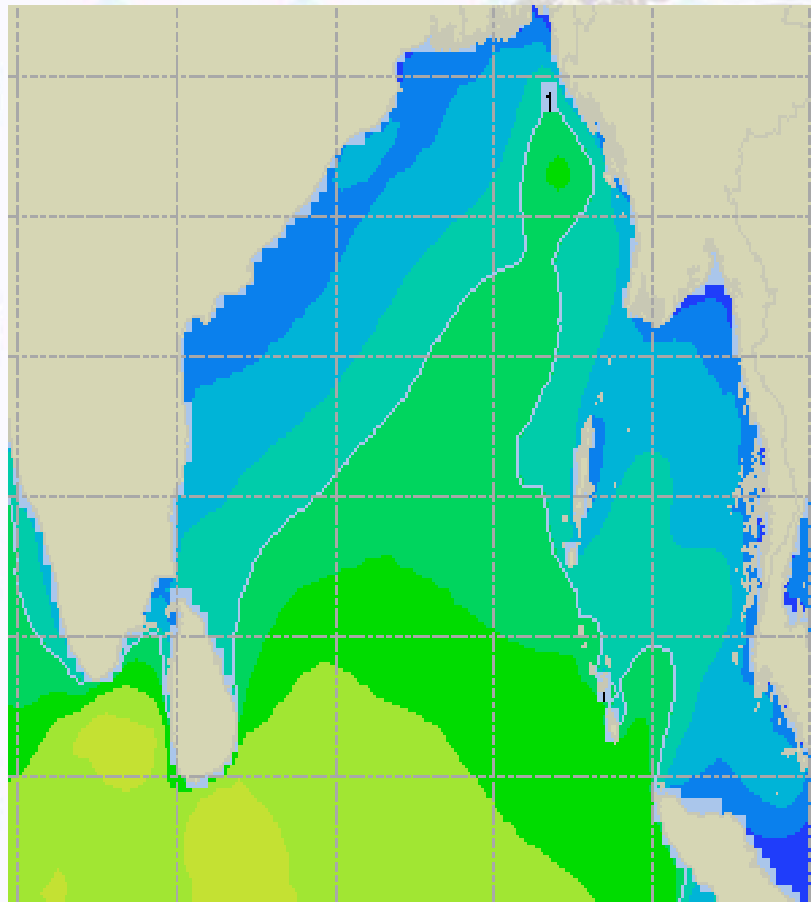




Sea State Forecast – 27 & 28 Jan - 2021

27 Jan 21 Wednesday

28 Jan 21 Thursday

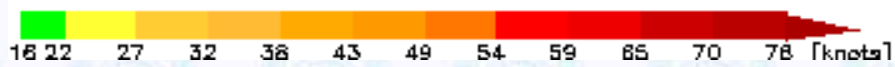
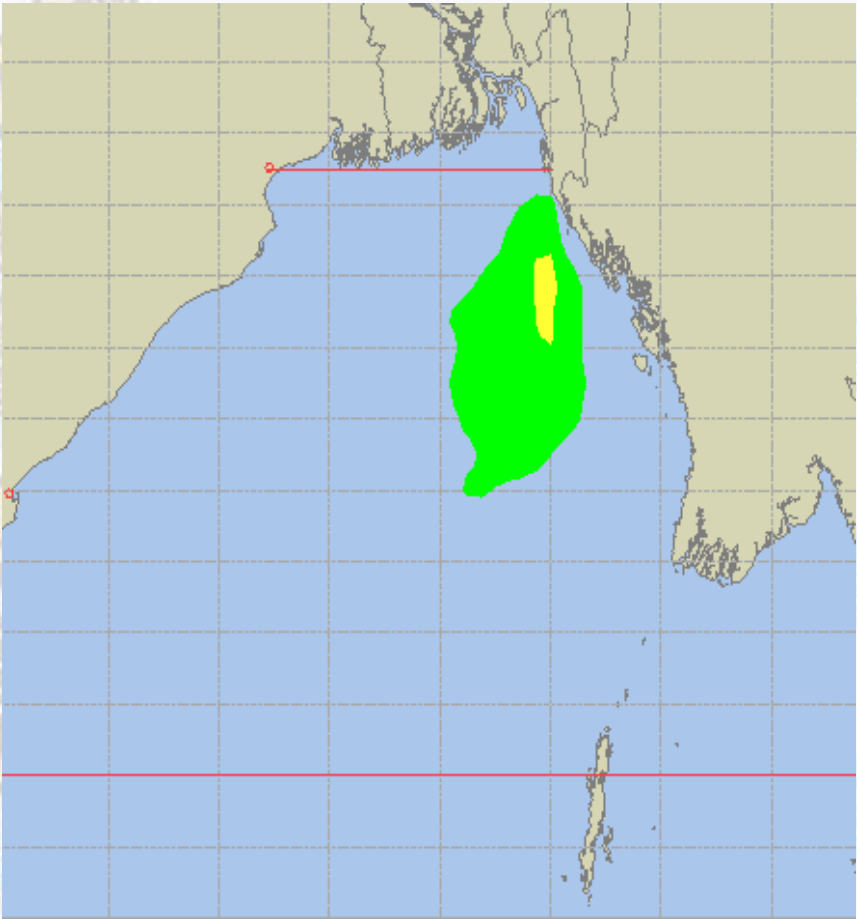
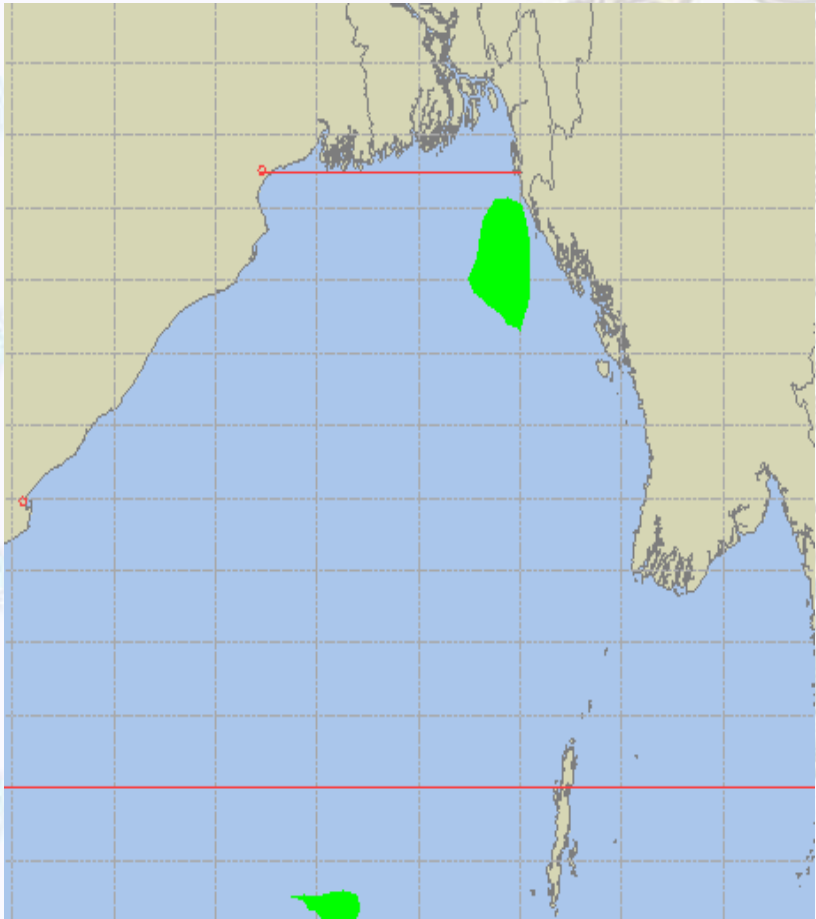




Peak Gusting Possibilities– 26 & 27 Jan 2021

26 Jan 21 Tuesday

27 Jan 21 Wednesday

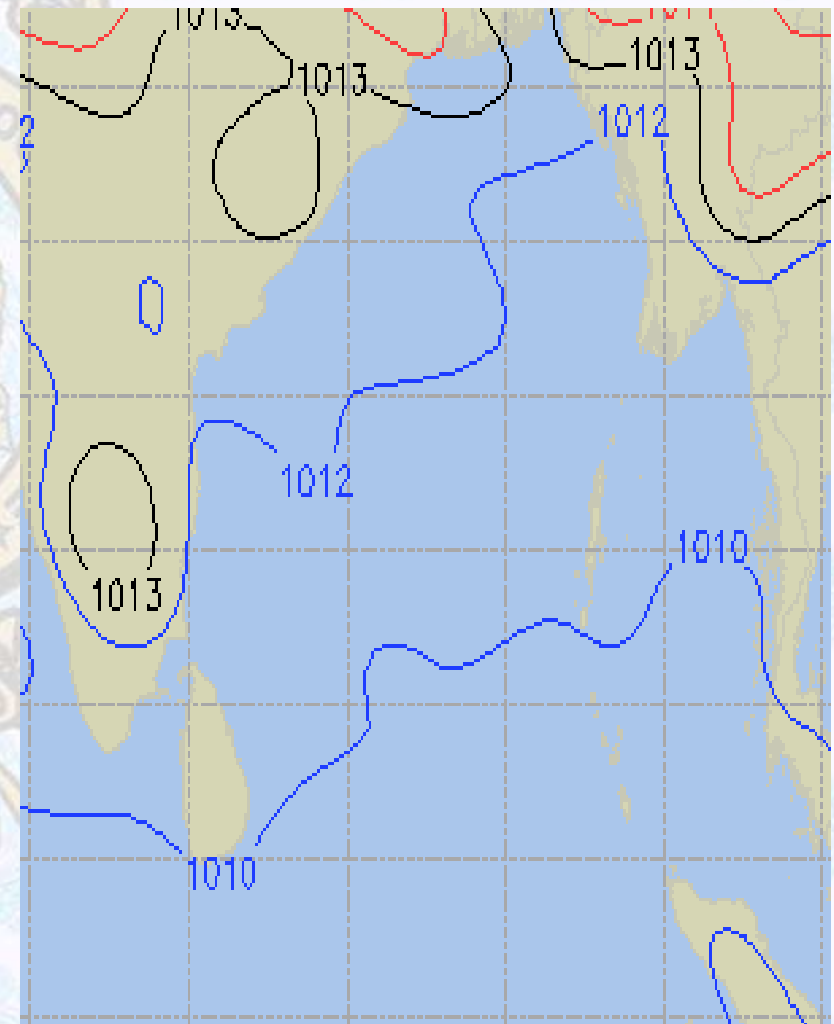
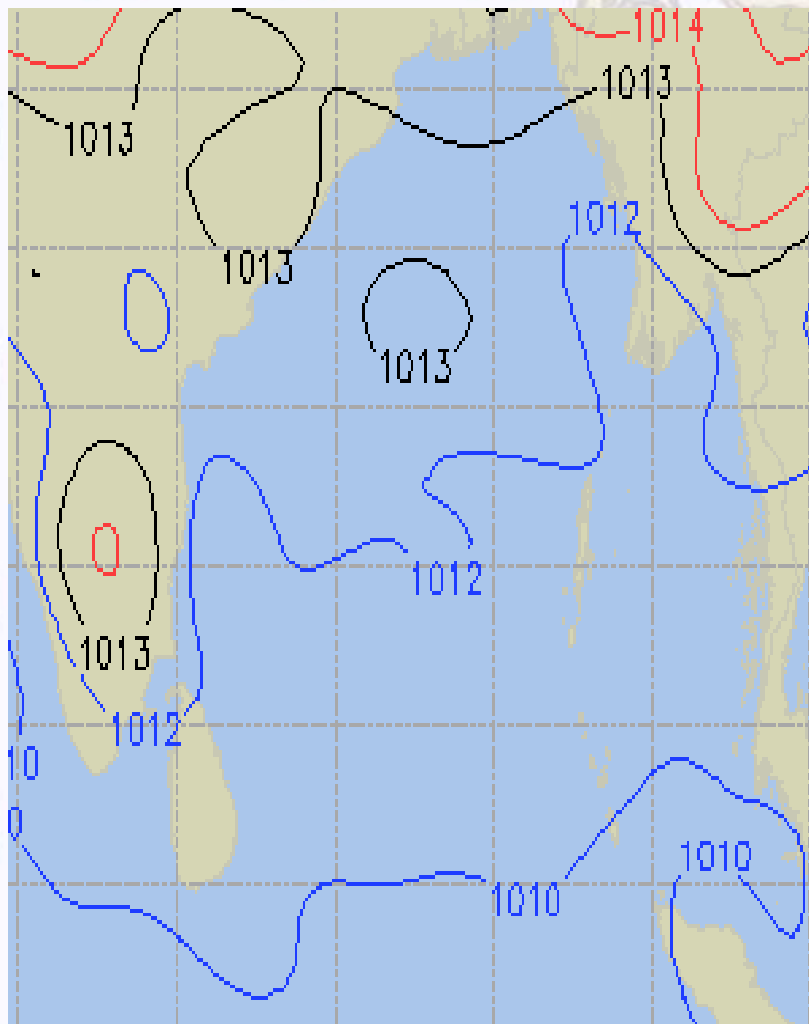




Surface Pressure forecast – 26 & 27 Jan 2021

26 Jan 21 Tuesday

27 Jan 21 Wednesday

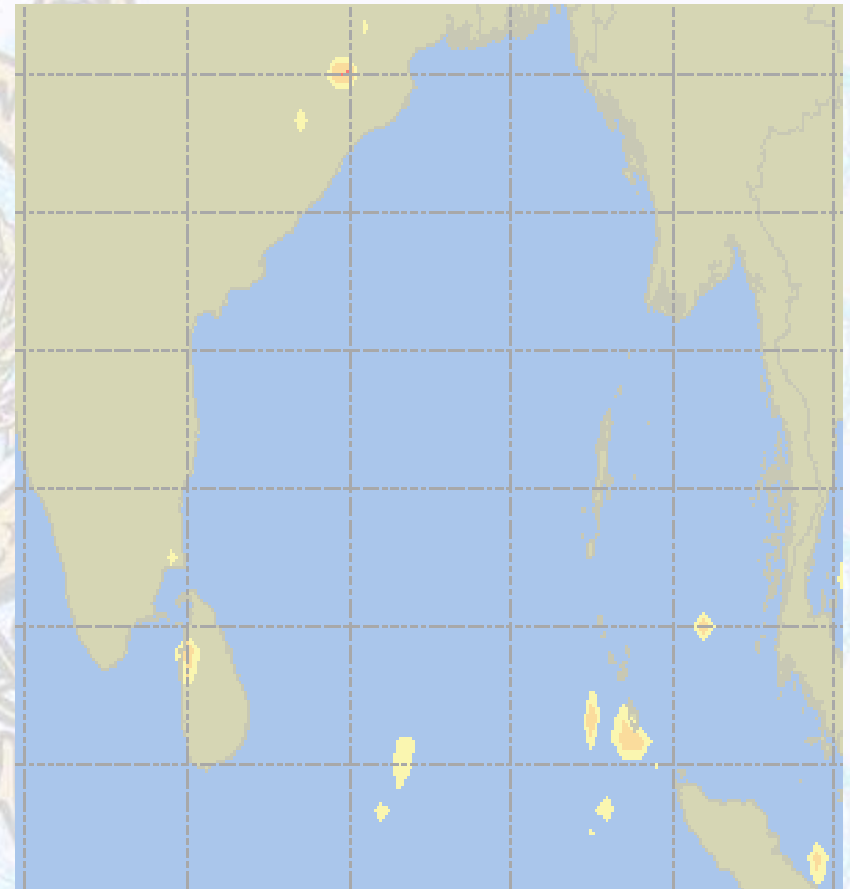
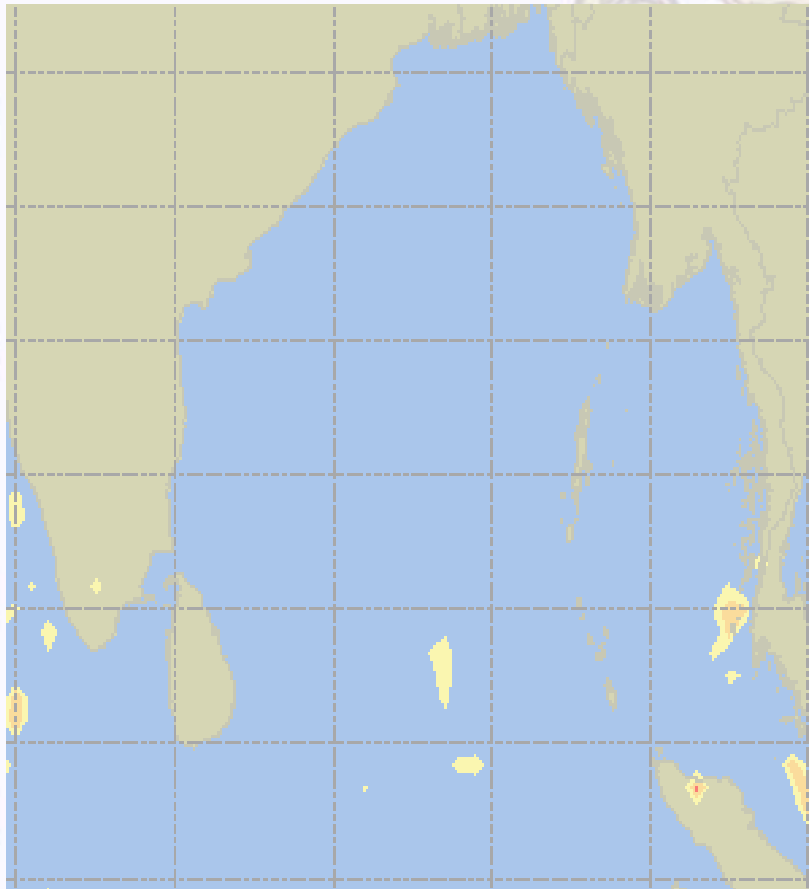




Visibility at Sea Forecast – 26 & 27 Jan 2021

26 Jan 21 Tuesday

27 Jan 21 Wednesday



Visibility Scale:



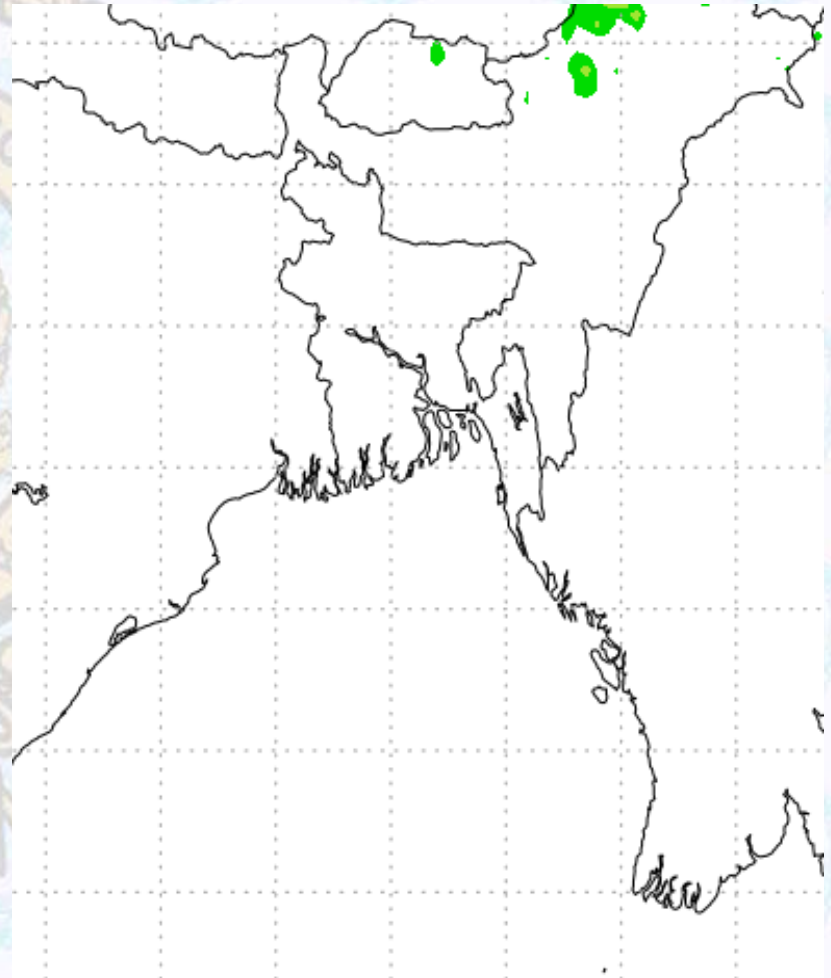
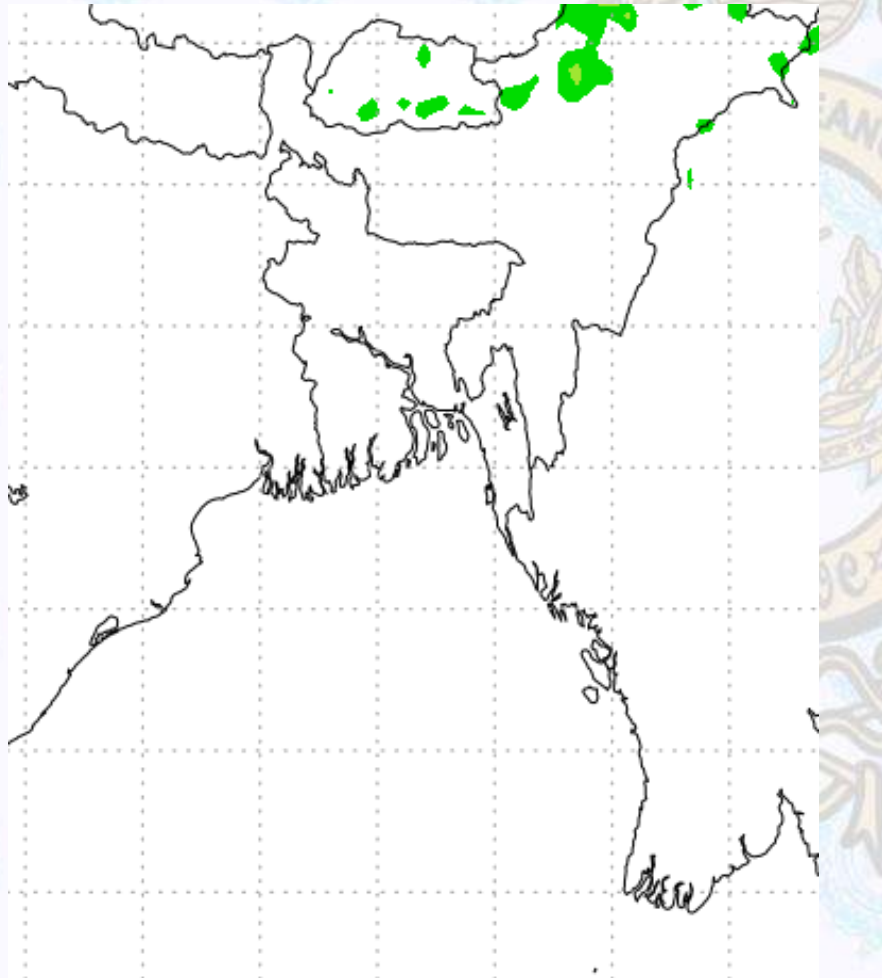
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 26 & 27 Jan 2021

Rain(mm) 27 & 28 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

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
27 Jan 2021	Time	Height		Time	Height		Time	Height
	0643	0.80		0414	0.66		0421	0.79
	1228	3.45		0953	2.53		1010	2.29
	1834	0.77		1619	0.54		1607	0.61
	-	-		2219	3.10		2227	2.71
28 Jan 2021	Time	Height		Time	Height		Time	Height
	0030	4.07		0455	0.52		0457	0.63
	0722	0.70		1031	2.71		1046	2.41
	1300	3.61		1700	0.41		1648	0.49
	1915	0.67		2256	3.26		2301	2.80