



WEATHER FORECAST FOR BN

27 JAN - 30 JAN 2021



WEATHER FORECAST – DHAKA

27.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 15	23 / 13	19 / 13	17 / 13
Wind	12 km/h NW	12 km/h NW	7 km/h NW	6 km/h NW
Humidity	59%	57%	69%	75%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	59%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 41 AM 17: 40 PM			

Conditions

Pressure : 1015 hpa

Visibility : 1.77 km

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



WEATHER FORECAST – CHATTOGRAM

27.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 13	24 / 13	20 / 14	18 / 14
Wind	12 km/h NW	13 km/h NW	12 km/h NNW	11 km/h NNW
Humidity	49%	49%	69%	77%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 34 AM			
Sunset	17: 37 PM			

Conditions

Pressure : 1014 hpa

Visibility : 3.8 Km

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



WEATHER FORECAST – KHULNA

27.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 12	23 / 12	18 / 13	16 / 12
Wind	14 km/h NNW	12 km/h NNW	6 km/h NNW	5 km/h NNW
Humidity	57%	54%	74%	81%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	3%	3%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 45 PM			

Conditions

Pressure : 1016 hpa

Visibility : 4.5 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	28 Jan 2021	29 Jan 2021	30 Jan 2021
Temperature (C)	25 °C/ 14 °C	25 °C/ 16 °C	24 °C/ 14 °C
Summary	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
Sun Rise/Set	6h40m54s/17h42m06s	6h40m30s/17h42m48s	6h40m12s/17h43m36s
Day Length	11h01m12s	11h02m18s	11h03m24s
Moon Rise/ Set	5:17AM 6:18AM	6:17AM 7:07AM	7:19AM 7:52AM
Moon Phase/ illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 97%
Nautical Twilight	05:47,18:33	05:47,18:33	05:47,18:34
Civil Twilight	06:15,18:04	06:15,18:05	06:14,18:05
Humidity	D : 71% N : 81%	D : 73% N : 79%	D : 71% N : 78%
Barometer (mb)	1015	1014	1014
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 Km/h NW	11 Km/h WNW	8 Km/h WNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	28 Jan 2021	29 Jan 2021	30 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	6h32m42s/ 17h38m42s	6h32m24s/ 17h39m18s	6h32m06s/ 17h40m06s
Day Length	11h06m00s	11h06m54s	11h08m00s
Moon Rise/ Set	5:19AM 6:20AM	6:14AM 6:58AM	7:15AM 7:45AM
Moon Phase/ illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 97%
NauticalTwilight	05:40, 18:27	05:40, 18:28	05:39, 18:28
Civil Twilight	06:08, 17:59	06:07, 17:59	06:07, 18:01
Humidity	D : 68% N : 86%	D : 68% N : 87%	D : 68% N : 83%
Barometer (mb)	1014	1014	1014
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	11 Km/h NW	11 Km/h NW	10 Km/h NNW

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



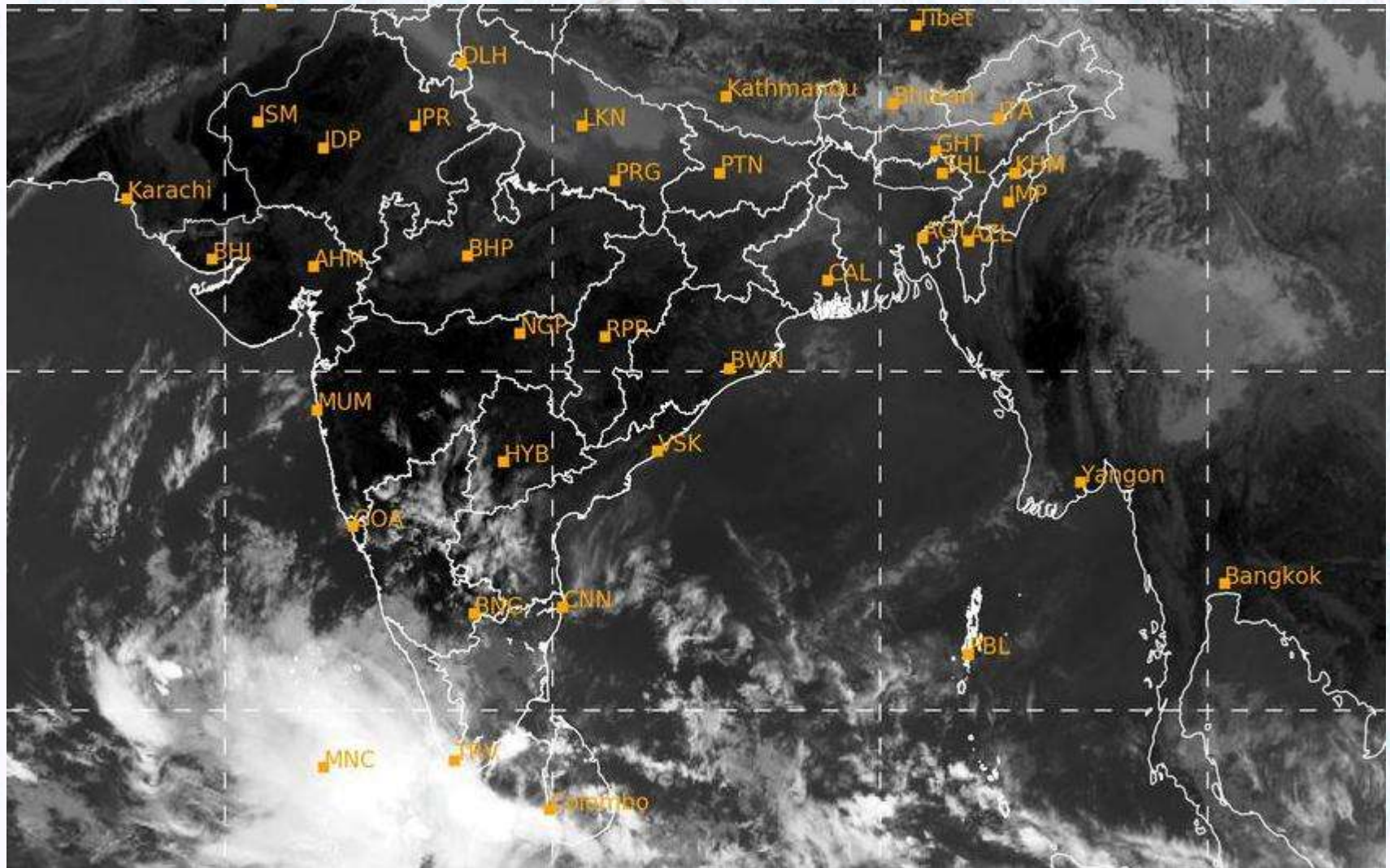
GENERAL WEATHER FORECAST – KHULNA

Description	28 Jan 2021	29 Jan 2021	30 Jan 2021
Temperature(C)	24°C/ 13°C	25°C/ 16°C	24°C/ 13°C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h42m42s/ 17h47m06s	6h42m18s/ 17h47m42s	6h42m00s/ 17h48m30s
Day Length	10h04m24s	10h05m24s	10h06m30s
Moon Rise/Set	5:22AM 6:19AM	6:23AM 7:09AM	7:24AM 7:55AM
Moon Phase/illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 97%
Nautical Twilight	05:50, 18:36	05:49, 18:36	05:49, 18:37
Civil Twilight	06:20, 18:06	06:19, 18:07	06:19, 18:07
Humidity	D : 65% N : 82%	D : 68% N : 76%	D : 68% N : 79%
Barometer (mb)	1015	1015	1014
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	12 km/h NNW	12 km/h NW	9 km/h NW

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



SATELLITE VIEW OF BAY OF BENGAL

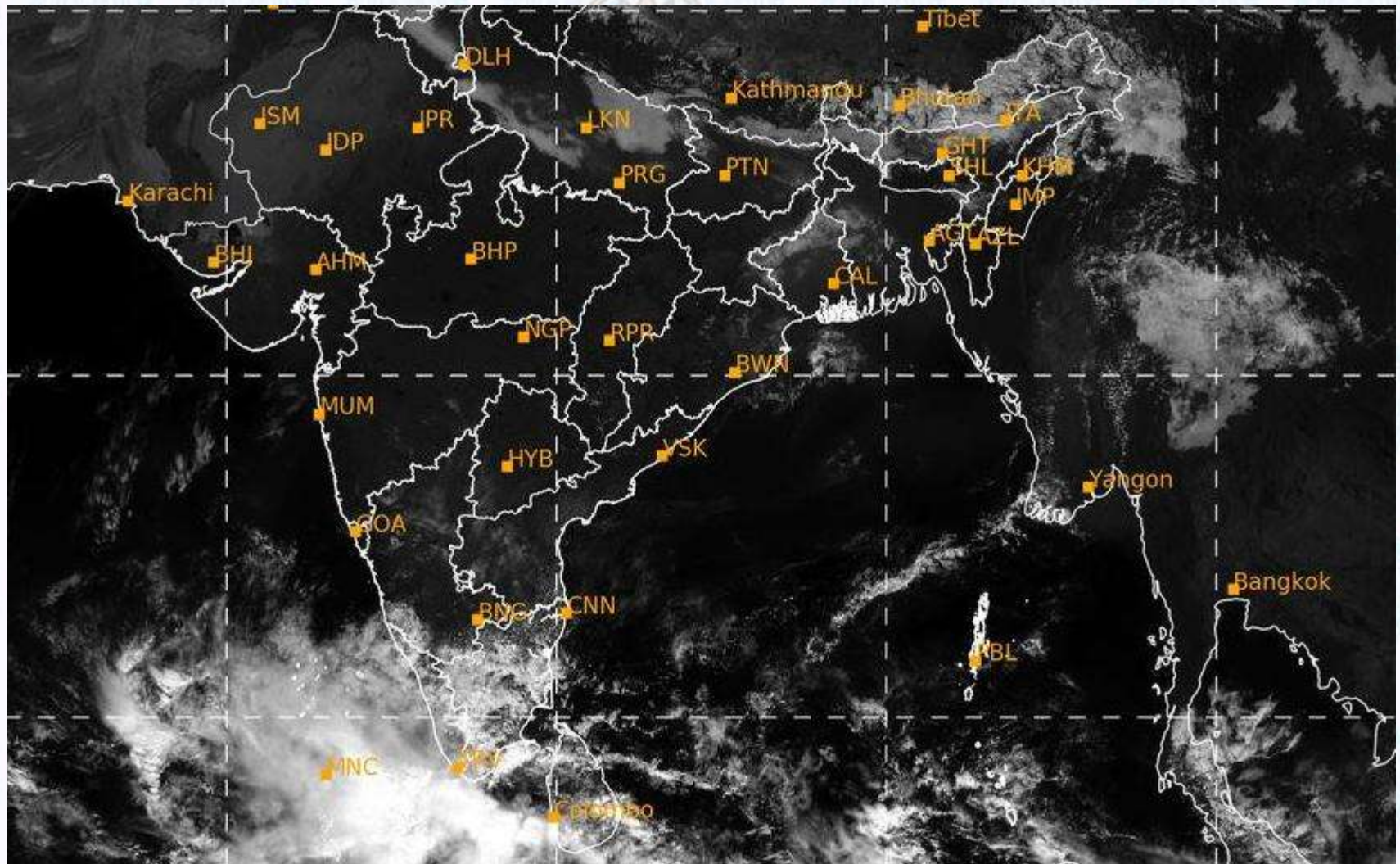


27/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



27/01/2021, 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 27.01.2021)

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 = 27,0000 UTC. CHATTOGRAM =1015 HPA



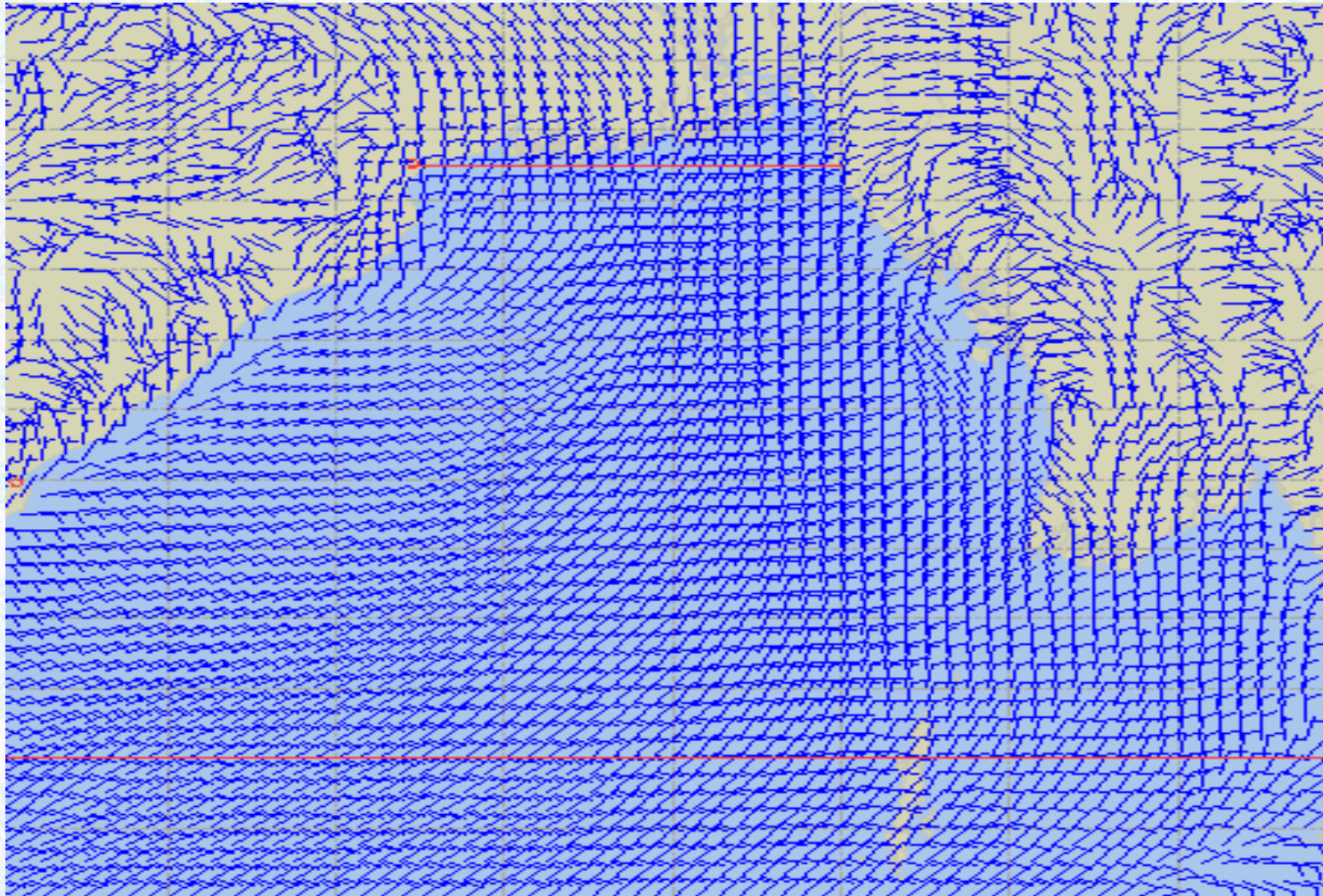
Inland River Port Warning **(VALID TILL 06 PM OF 27.01.2020)**

LIGHT TO MODERATE FOG MAY REDUCE THE SURFACE VISIBILITY TO 800 M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 02-03 HRS COMMENCING 09:00 AM OF 27.01.2021 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



Surface Wind Forecast- 28 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



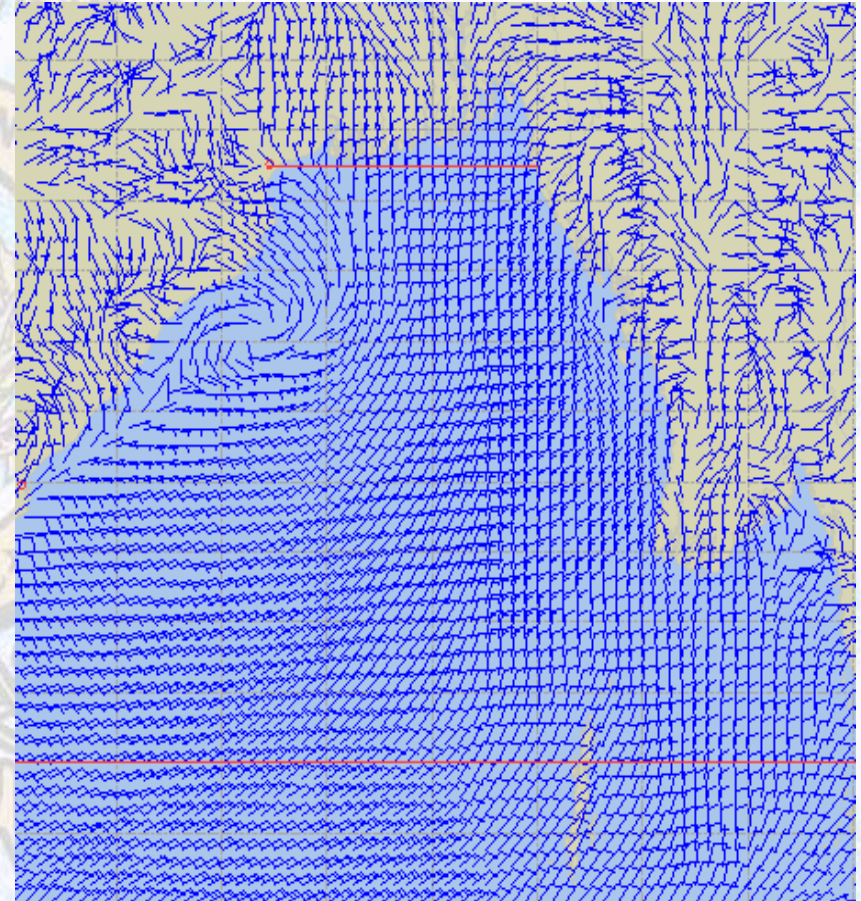
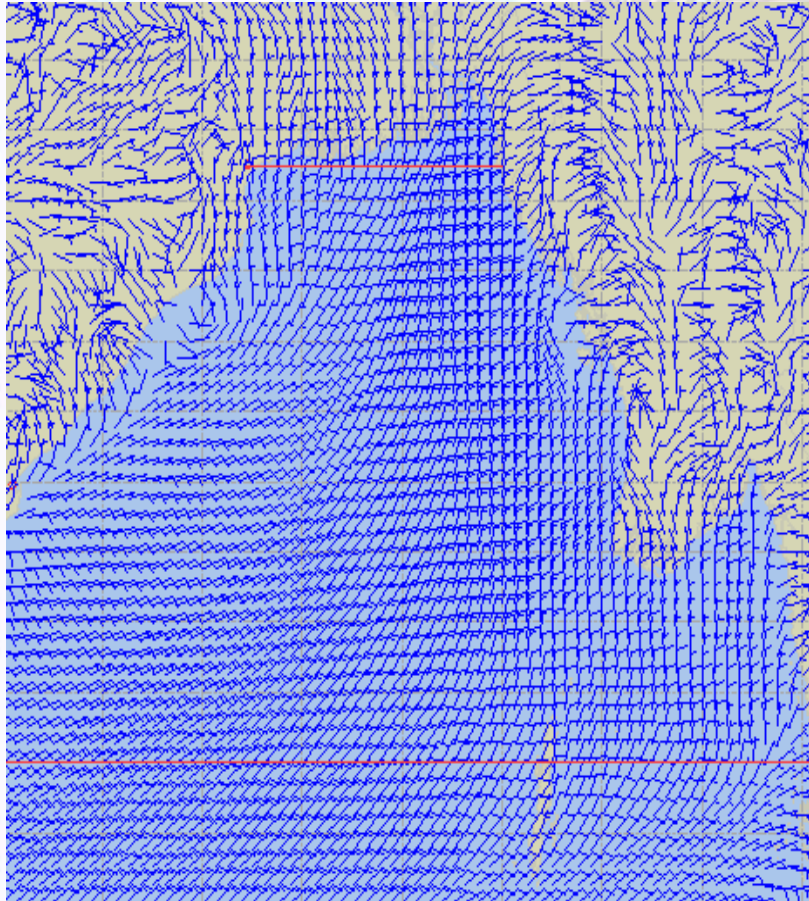
60 Knots



Surface Wind Forecast – 29 & 30 Jan - 2021

29 Jan 21 Friday

30 Jan 21 Saturday



Legend:



Calm
Winds



5 Knots



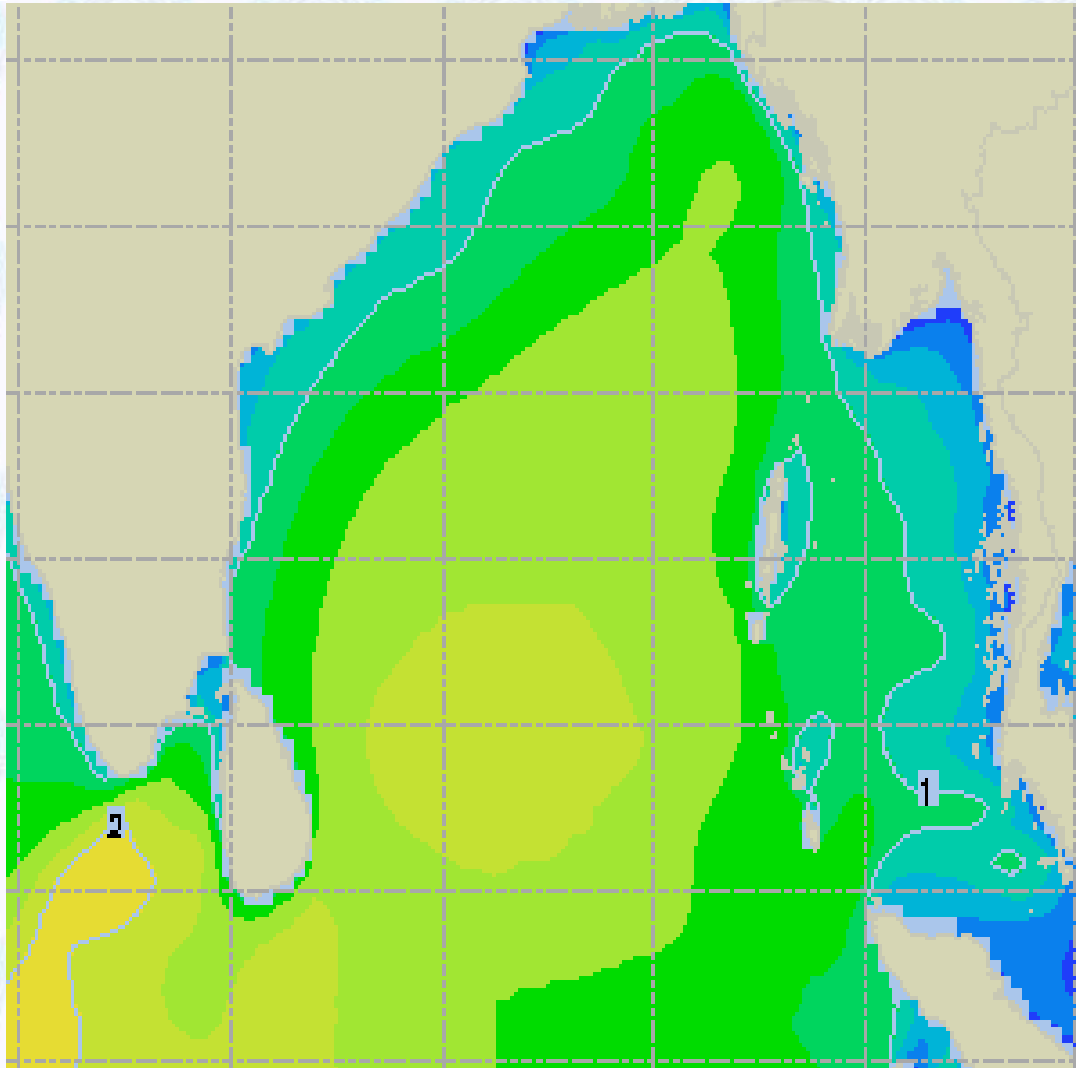
10 Knots



60 Knots



Sea State Forecast – 28 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

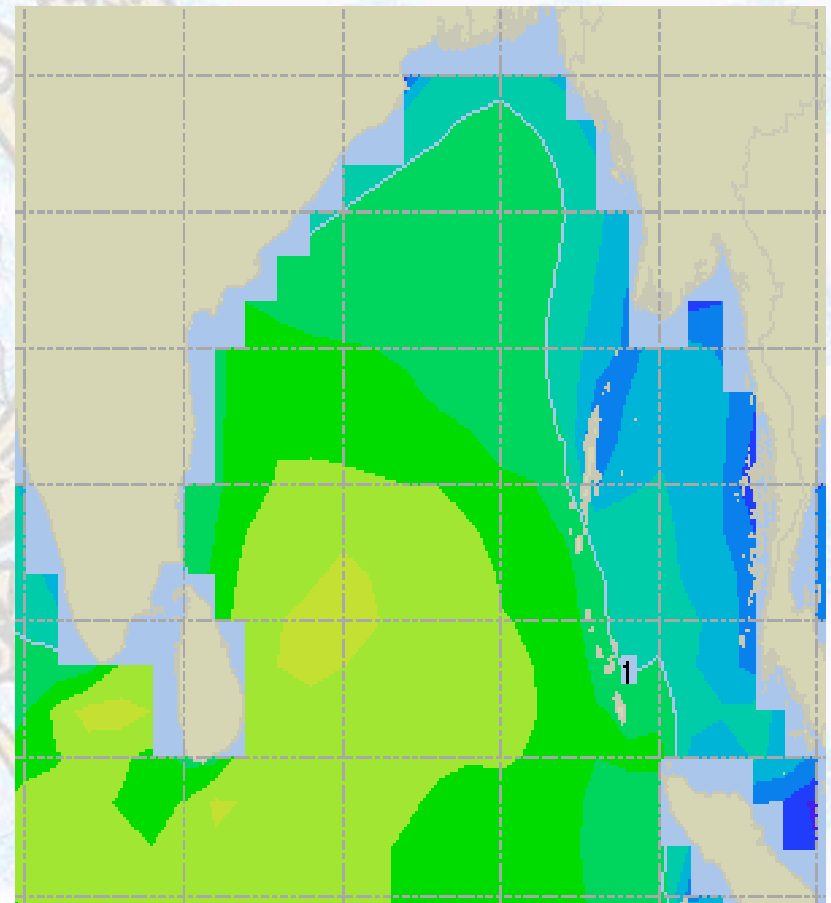
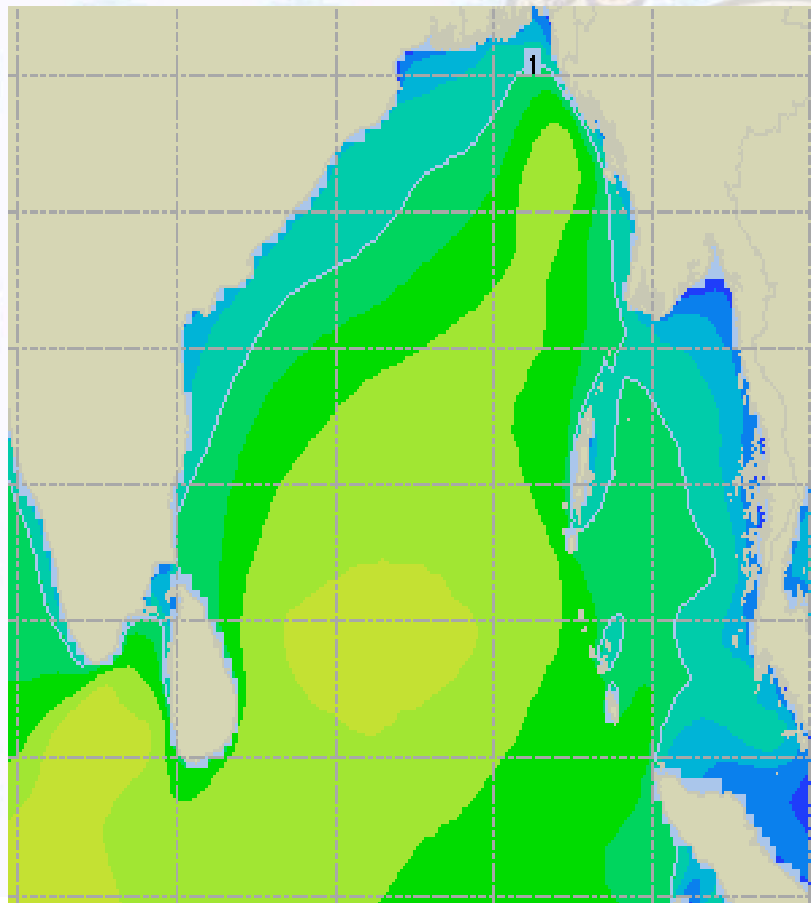




Sea State Forecast – 29 & 30 Jan - 2021

29 Jan 21 Friday

30 Jan 21 Saturday

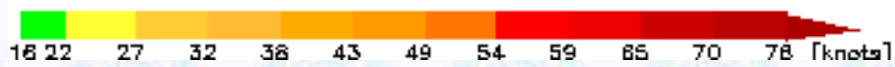
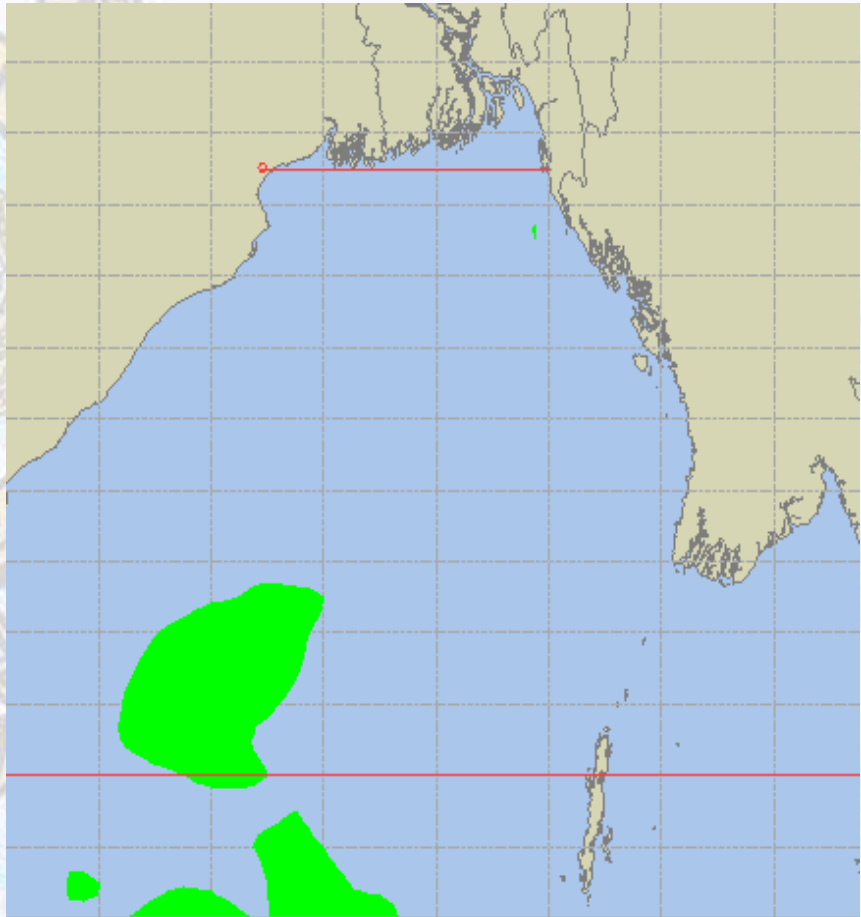
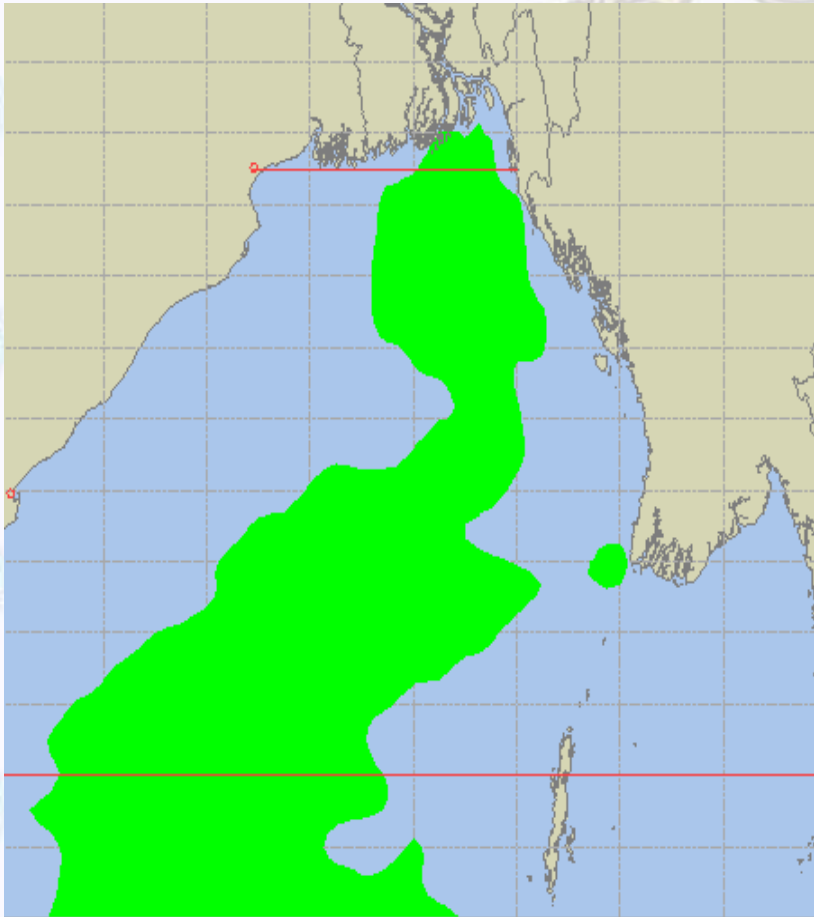




Peak Gusting Possibilities– 28 & 29 Jan 2021

28 Jan 21 Thursday

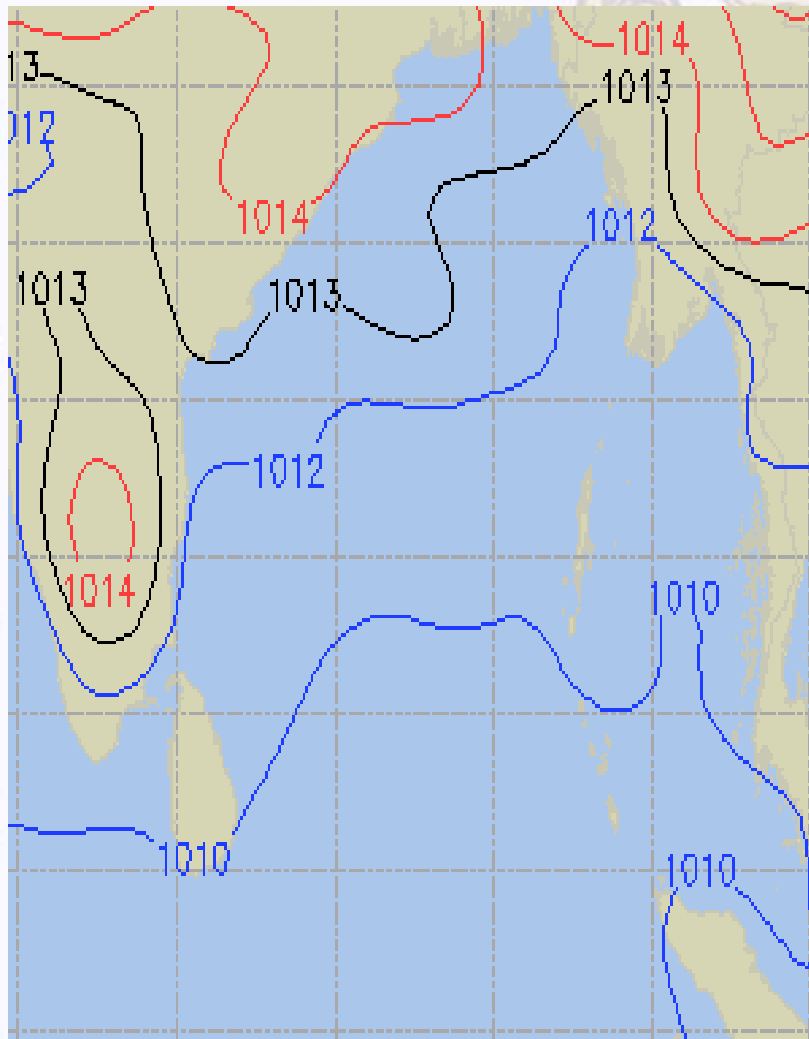
29 Jan 21 Friday



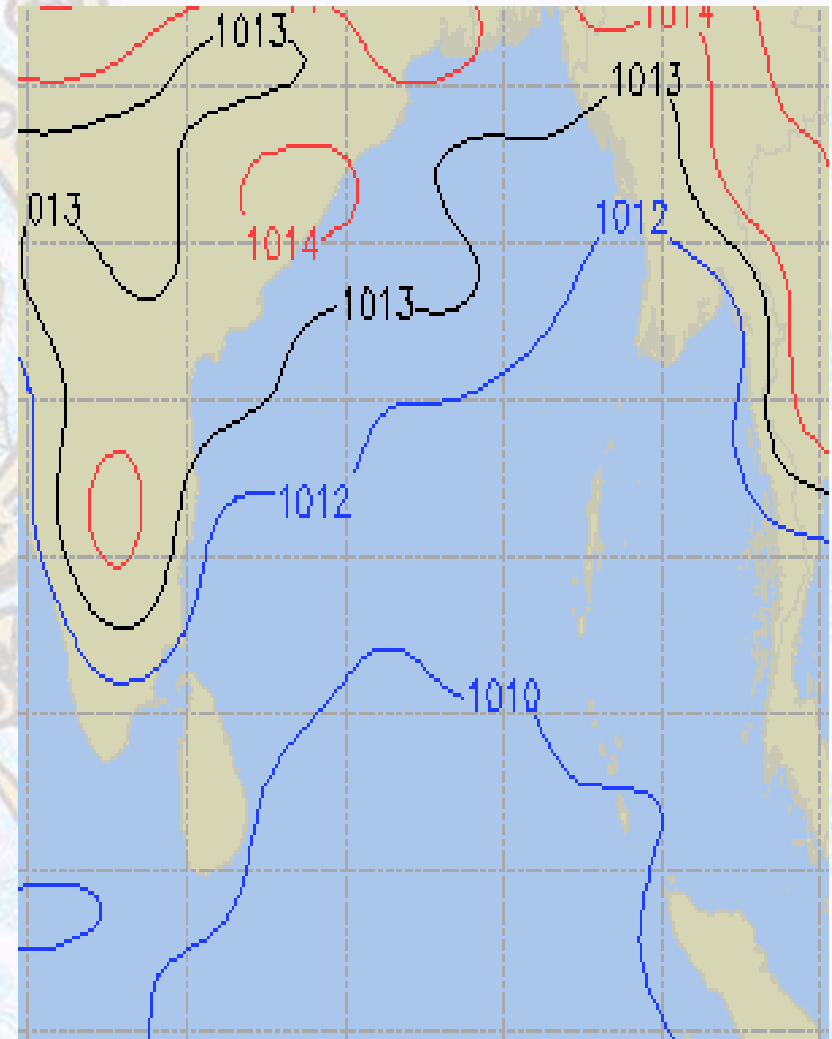


Surface Pressure forecast – 28 & 29 Jan 2021

28 Jan 21 Thursday



29 Jan 21 Friday

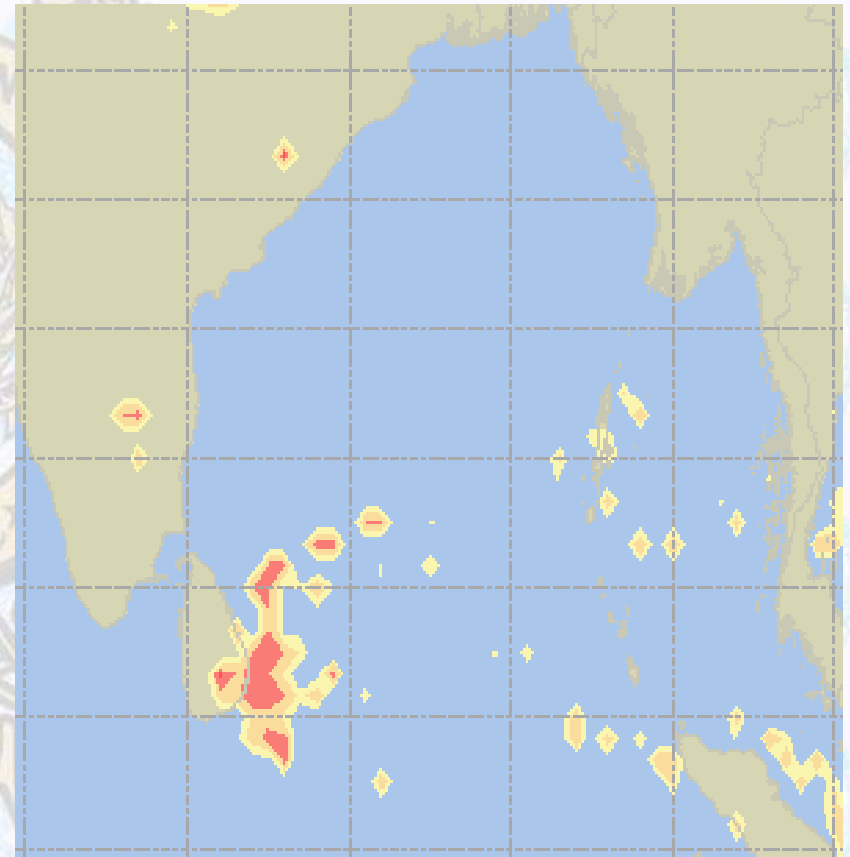
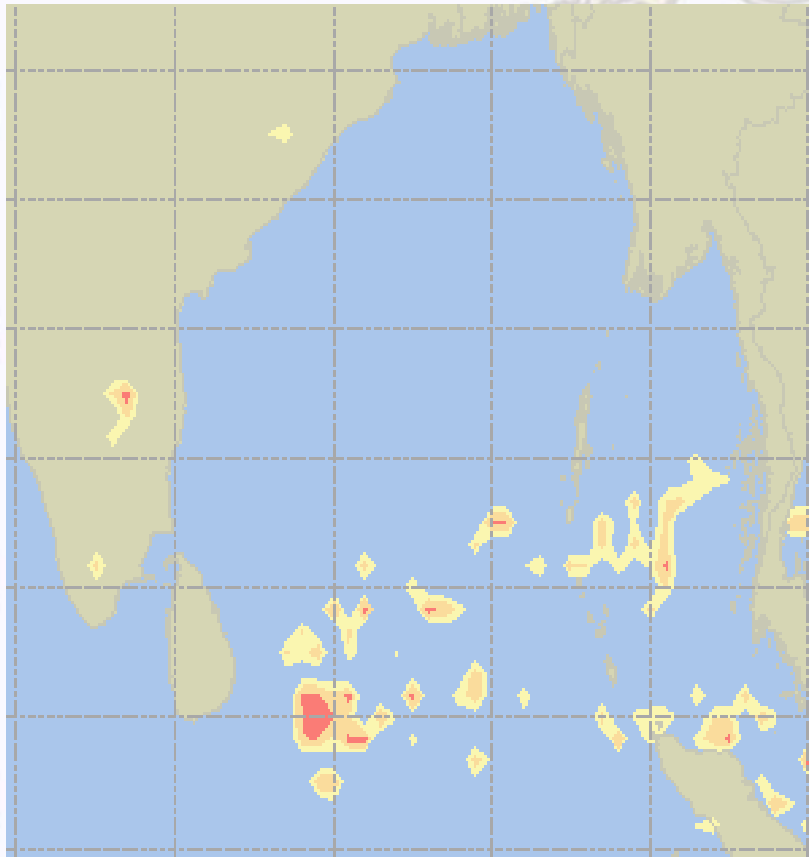




Visibility at Sea Forecast – 28 & 29 Jan 2021

28 Jan 21 Thursday

29 Jan 21 Friday



Visibility Scale:



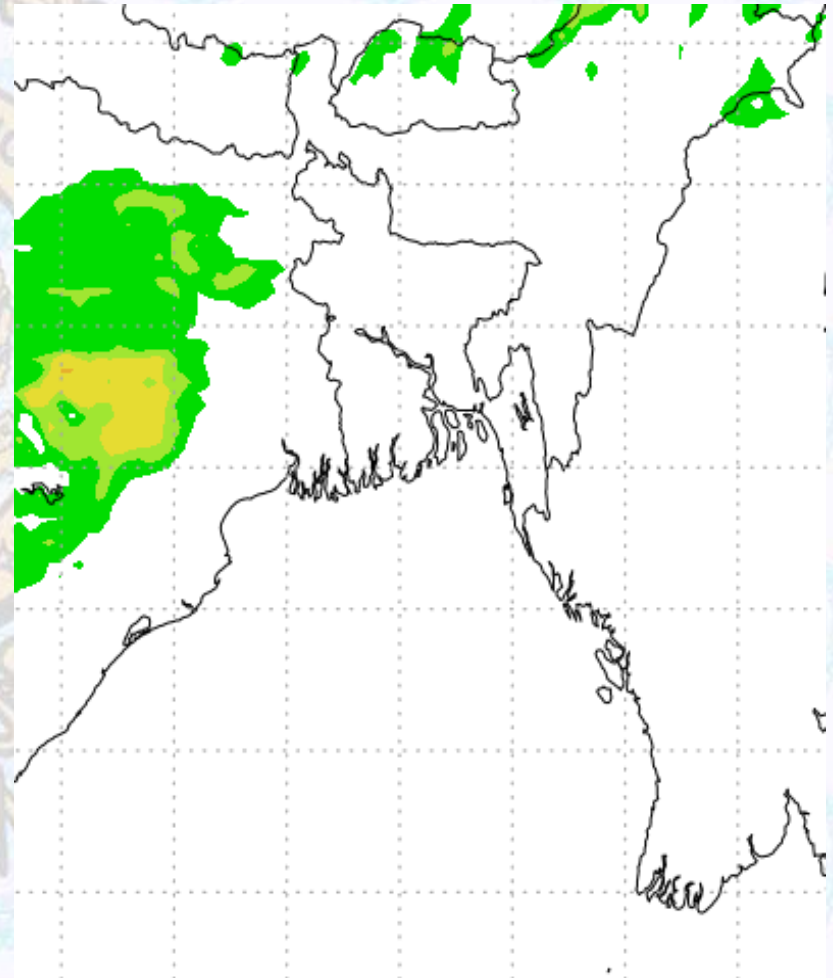
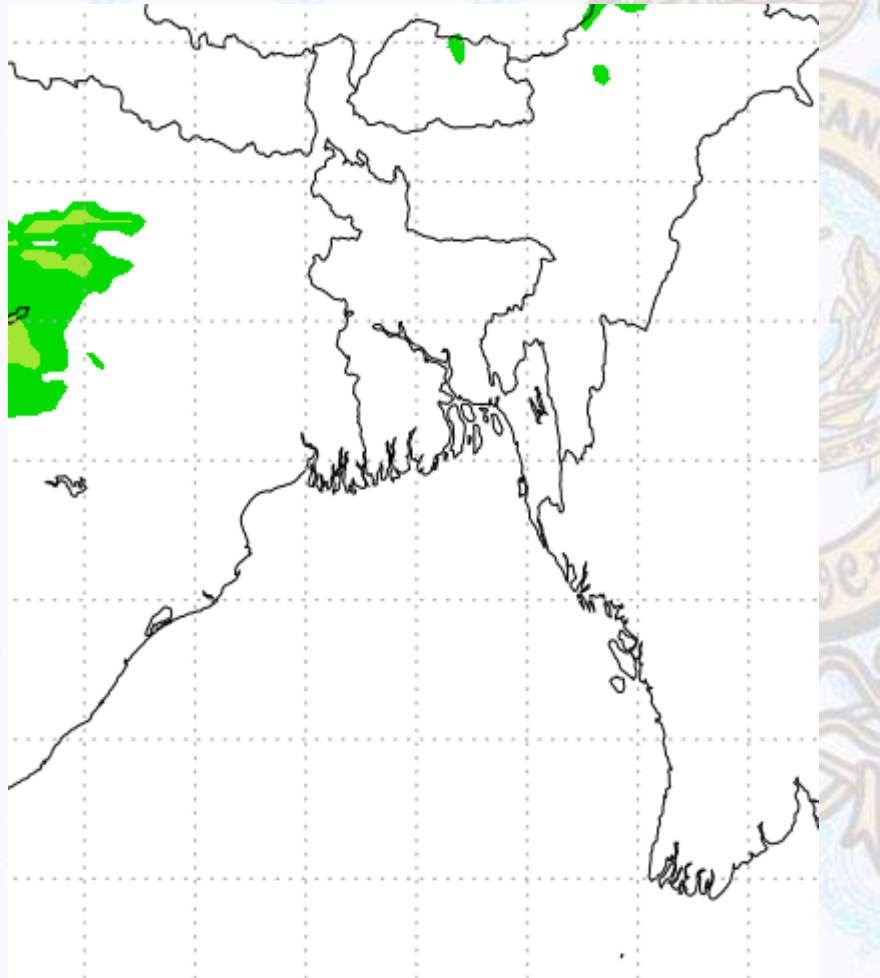
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 28 & 29 Jan 2021

Rain(mm) 29 & 30 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

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
29 Jan 2021	Time	Height		Time	Height		Time	Height
	0103	4.19		0532	0.41		0531	0.49
	0758	0.61		1107	2.85		1122	2.51
	1331	3.74		1737	0.32		1726	0.39
	1953	0.59		2332	3.36		2335	2.86
30 Jan 2021	Time	Height		Time	Height		Time	Height
	0135	4.28		0609	0.31		0605	0.38
	0832	0.52		1143	2.95		1157	2.58
	1403	3.86		1814	0.27		1804	0.35
	2031	0.53		-	-		-	-