



WEATHER FORECAST FOR BN

07 JAN - 10 JAN 2021





WEATHER FORECAST – DHAKA

07.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 17	28 / 17	24 / 17	22 / 17
Wind	7 km/h W	9 km/h W	2 km/h WSW	1 km/h W
Humidity	51%	50%	65%	73%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 42 AM 17: 26 PM			

Conditions

Pressure : 1013 hpa

Visibility : 1.21 km

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



WEATHER FORECAST – CHATTOGRAM

07.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 18	27 / 18	24 / 19	22 / 18
Wind	8 km/h WNW	9 km/h WNW	8 km/h NW	7 km/h N
Humidity	56%	58%	74%	76%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	7%	8%	2%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 33 AM			
Sunset	17: 24 PM			

Conditions

Pressure : 1013 hpa

Visibility : 5:40 Km

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



WEATHER FORECAST – KHULNA

07.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 16	30 / 16	24 / 17	20 / 17
Wind	5 km/h WNW	5 km/h WNW	1 km/h SW	1 km/h S
Humidity	42%	43%	65%	77%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	5%	3%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 44 AM 17: 32 PM			

Conditions

Pressure : 1014 hpa

Visibility : 9.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	08 Jan 2021	09 Jan 2021	10 Jan 2021
Temperature (C)	29 °C / 17 °C	28 °C / 19 °C	28 °C / 20 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h42m54s/17h27m36s	6h43m00s/17h28m18s	6h43m12s/17h29m06s
Day Length	10h44m42s	10h45m18s	10h45m54s
Moon Rise/ Set	1:27AM 1:09PM	2:30AM 1:54PM	3:36AM 2:43PM
Moon Phase/ illu	Waning Crescent, 26%	Waning Crescent, 16%	Waning Crescent, 8%
NauticalTwilight	05:51,18:13	05:52,18:12	05:53,18:12
Civil Twilight	06:19,17:43	06:20,17:43	06:20,17:42
Humidity	D : 63% N : 77%	D : 62% N : 74%	D : 65% N : 77%
Barometer (mb)	1011	1012	1011
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	8 Km/h NW	11 Km/h WNW	9 Km/h WSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	08 Jan 2021	09 Jan 2021	10 Jan 2021
Temperature (C)	30 °C/ 17 °C	29 °C/ 18 °C	28 °C/ 19 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h34m06s/17h24m48s	6h34m18s/17h25m24s	6h34m30s/17h26m12s
Day Length	10h50m42s	10h51m06s	10h51m42s
Moon Rise/ Set	1:20AM 1:05PM	2:22AM 1:50PM	3:27AM 2:40PM
Moon Phase/ illu	Waning Crescent, 26%	Waning Crescent, 16%	Waning Crescent, 8%
NauticalTwilight	05:43 18:10	05:44 18:09	05:44 18:08
Civil Twilight	06:11, 17:42	06:12, 17:42	06:12, 17:41
Humidity	D : 58% N : 76%	D : 60% N : 80%	D : 63% N : 87%
Barometer (mb)	1011	1012	1012
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 Km/h NNW	8 Km/h NW	7 Km/h WNW

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



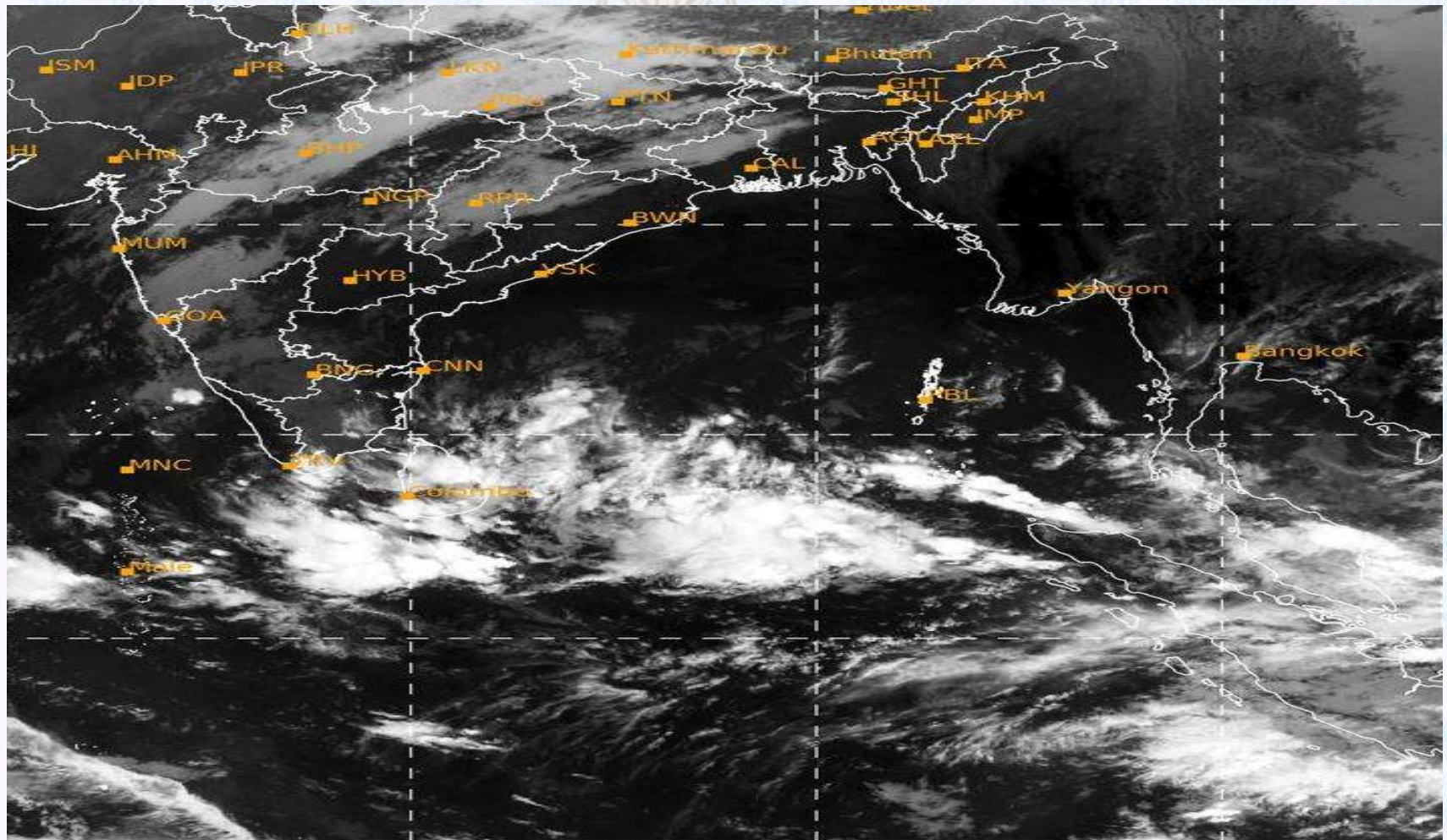
GENERAL WEATHER FORECAST – KHULNA

Description	08 Jan 2021	09 Jan 2021	10 Jan 2021
Temperature(C)	29°C/ 18°C	29°C/ 19°C	29°C/ 20°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h44m18s/17h32m54s	6h44m24s/17h33m36s	6h44m36s/17h34m24s
Day Length	10h48m36s	10h49m12s	10h49m48s
Moon Rise/Set	1:30AM 1:14PM	2:32AM 1:59PM	3:38AM 2:48PM
Moon Phase/illu	Waning Crescent, 26%	Waning Crescent, 16%	Waning Crescent, 8%
Nautical Twilight	05:53, 18:18	05:54, 18:18	05:54, 18:17
Civil Twilight	06:21, 17:49	06:21, 17:48	06:22, 17:48
Humidity	D : 60% N : 72%	D : 57% N : 72%	D : 63% N : 76%
Barometer (mb)	1011	1012	1012
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 km/h NNW	12 km/h NW	10 km/h W

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



SATELLITE VIEW OF BAY OF BENGAL

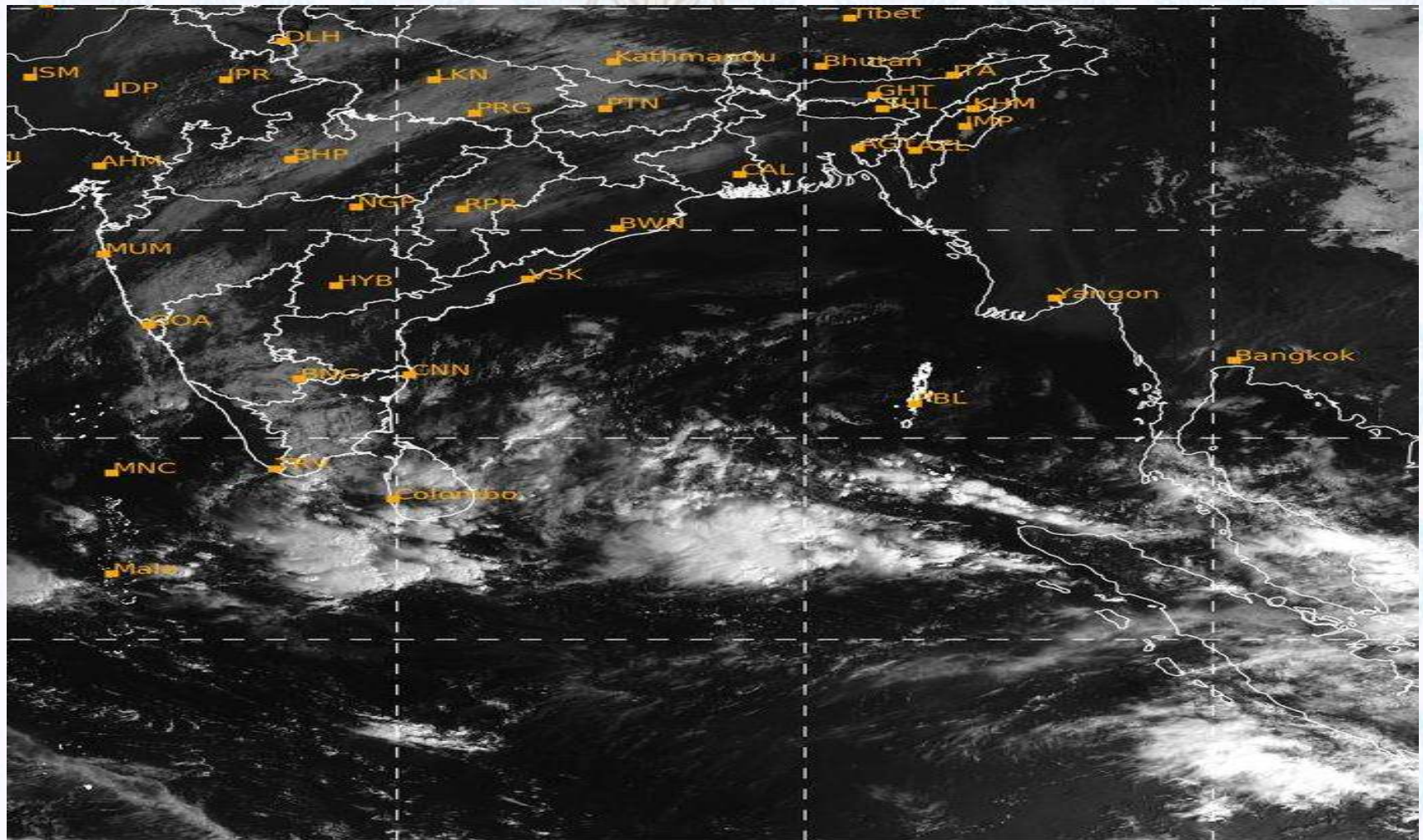


07/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



07/01/2021, 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 07.01.2021)

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/NE`LY, 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 = 07,0000 UTC. CHATTOGRAM =1013 HPA



Inland River Port Warning (VALID TILL 06 PM OF 07.01.2020)

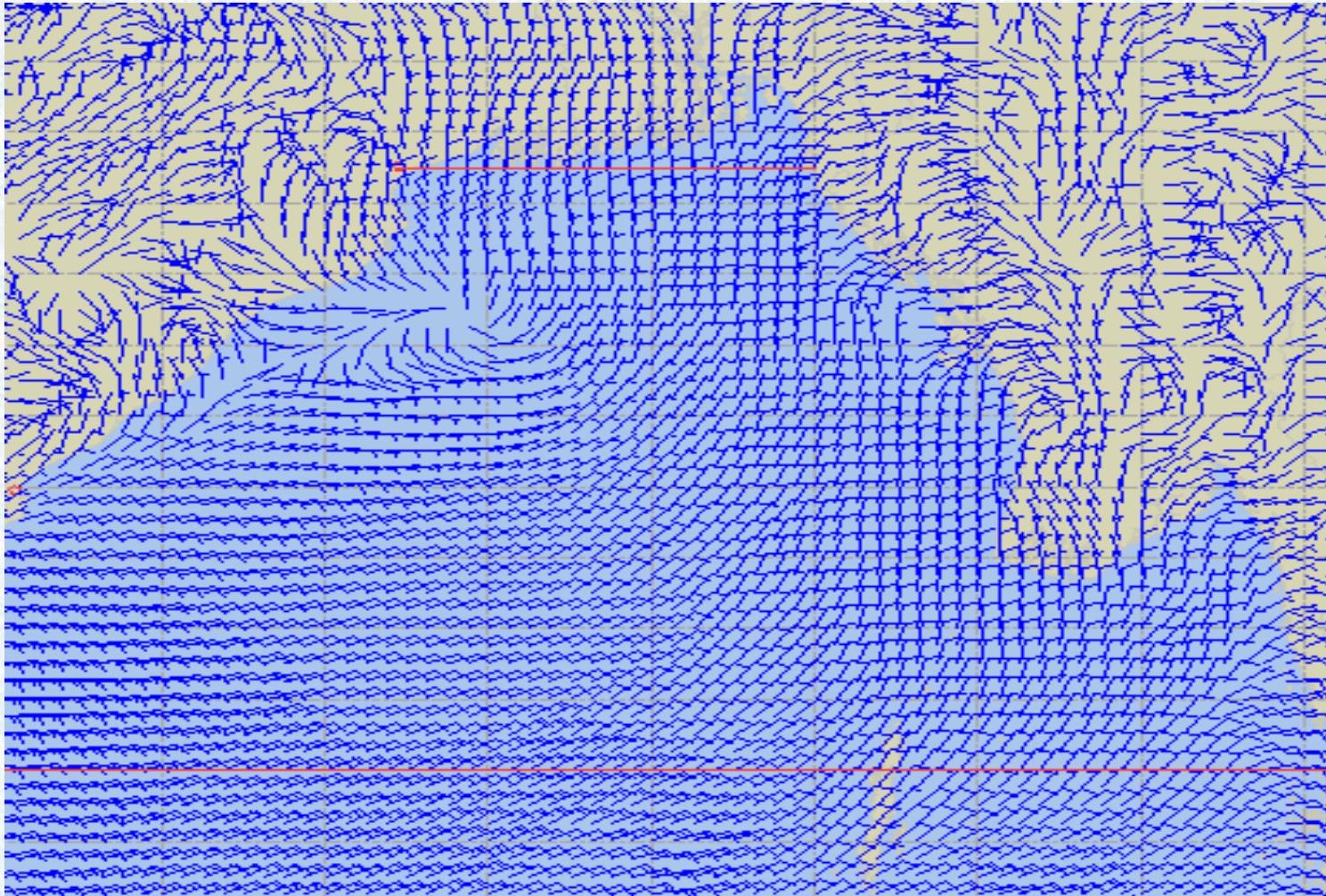
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 08 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



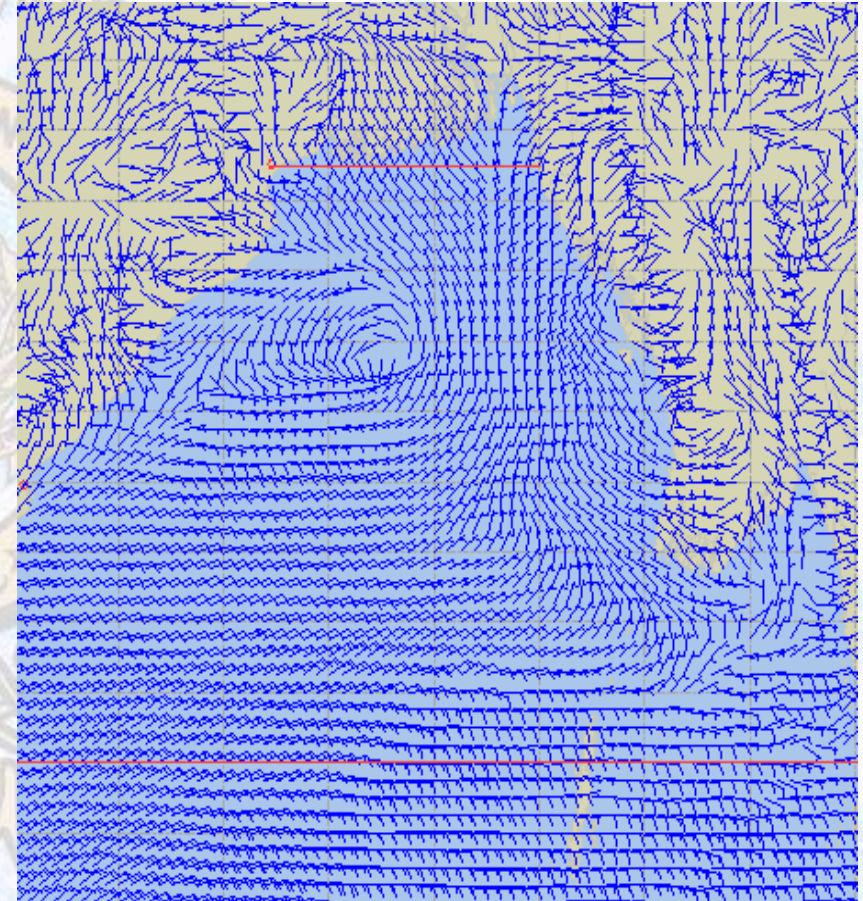
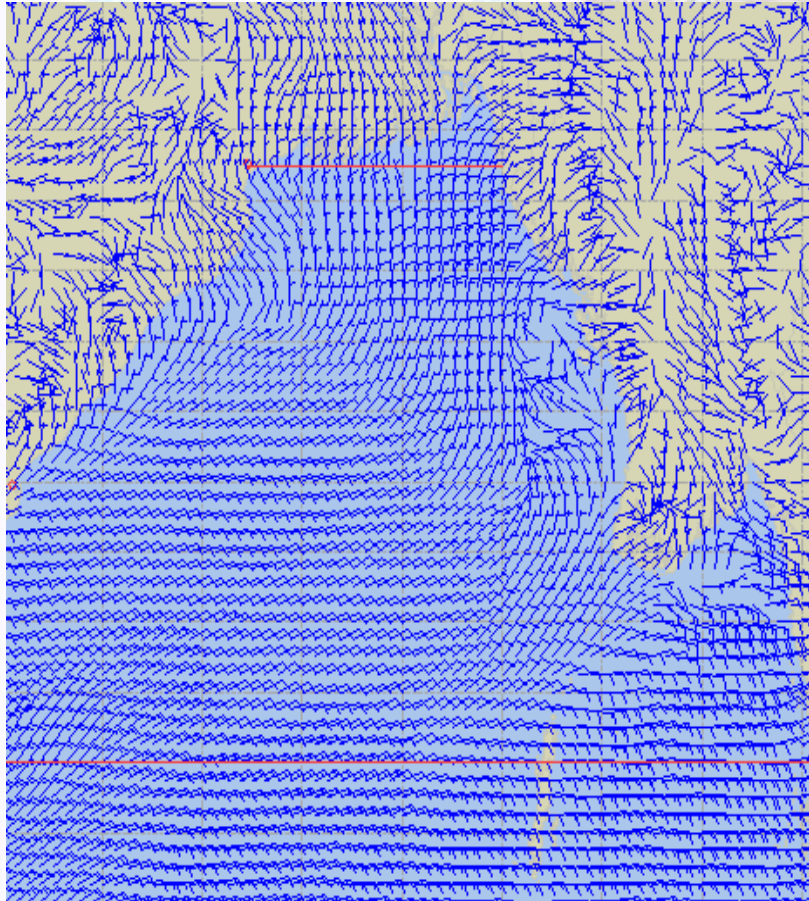
60 Knots



Surface Wind Forecast – 09 & 10 Jan - 2021

09 Jan 21 Saturday

10 Jan 21 Sunday



Legend:



**Calm
Winds**



5 Knots



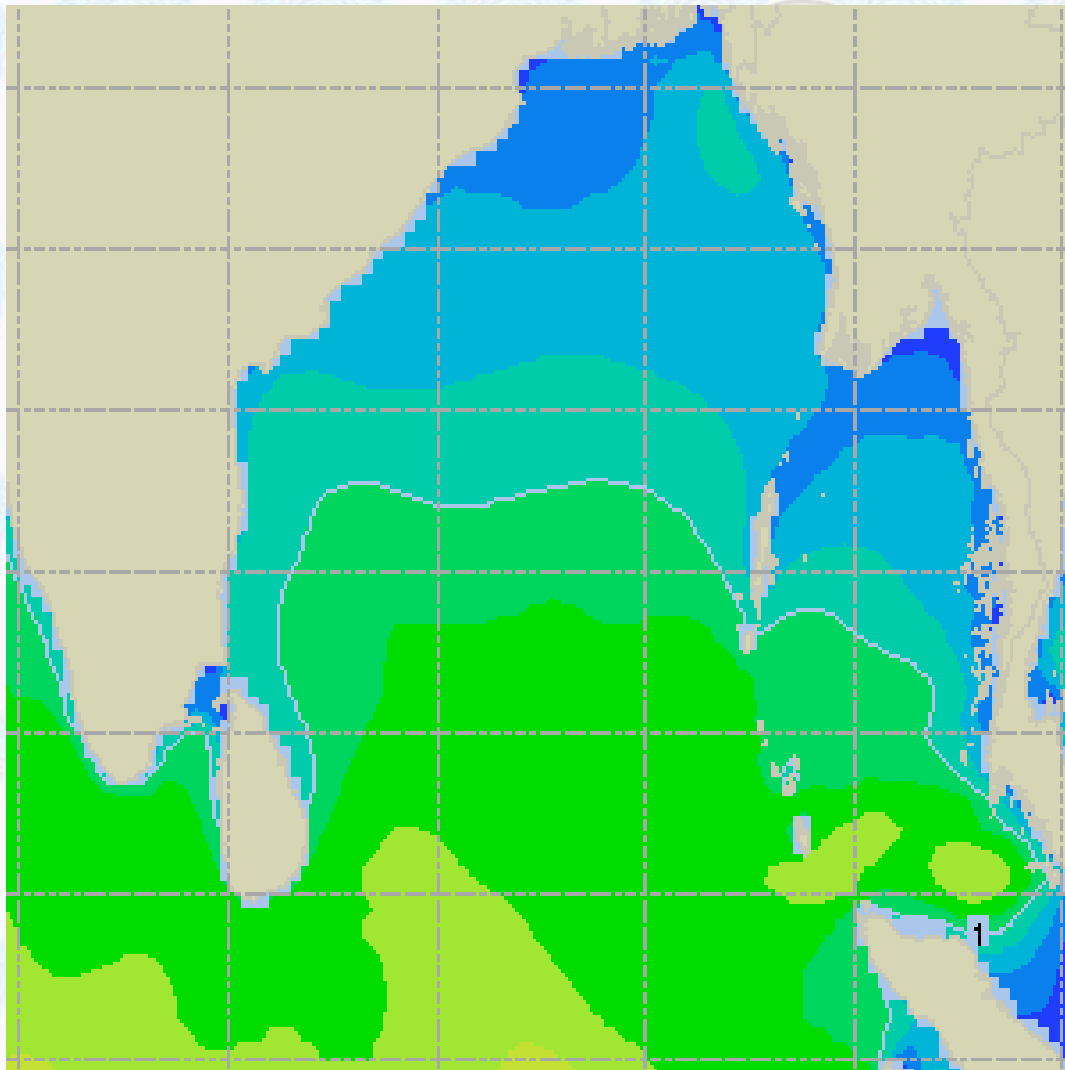
10 Knots



60 Knots



Sea State Forecast – 08 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

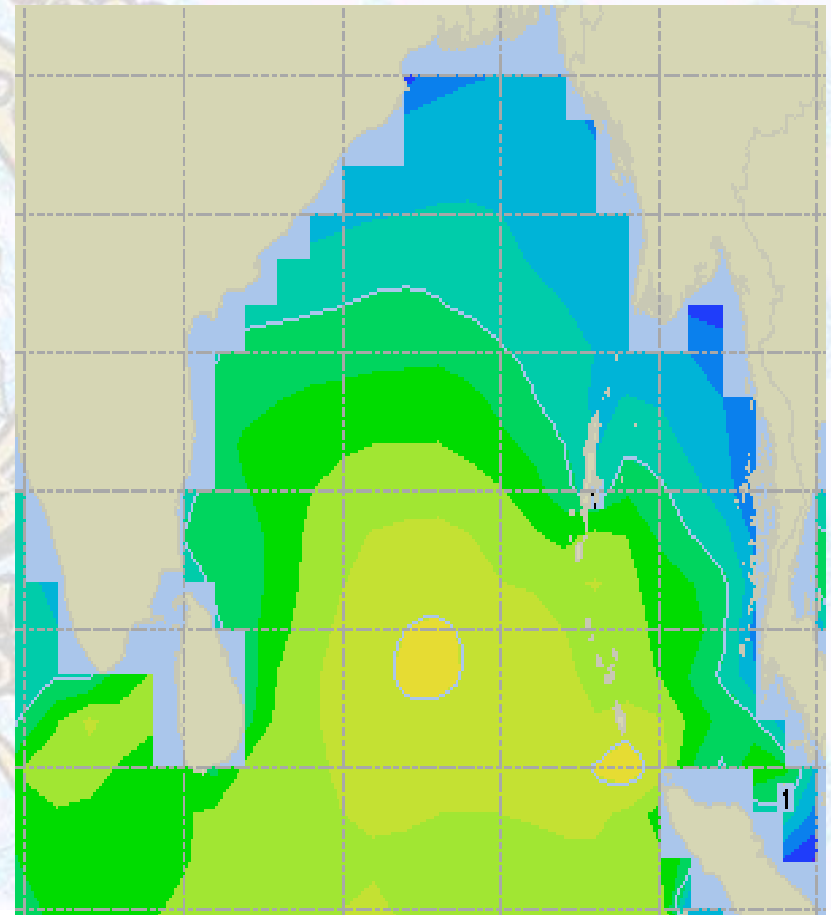
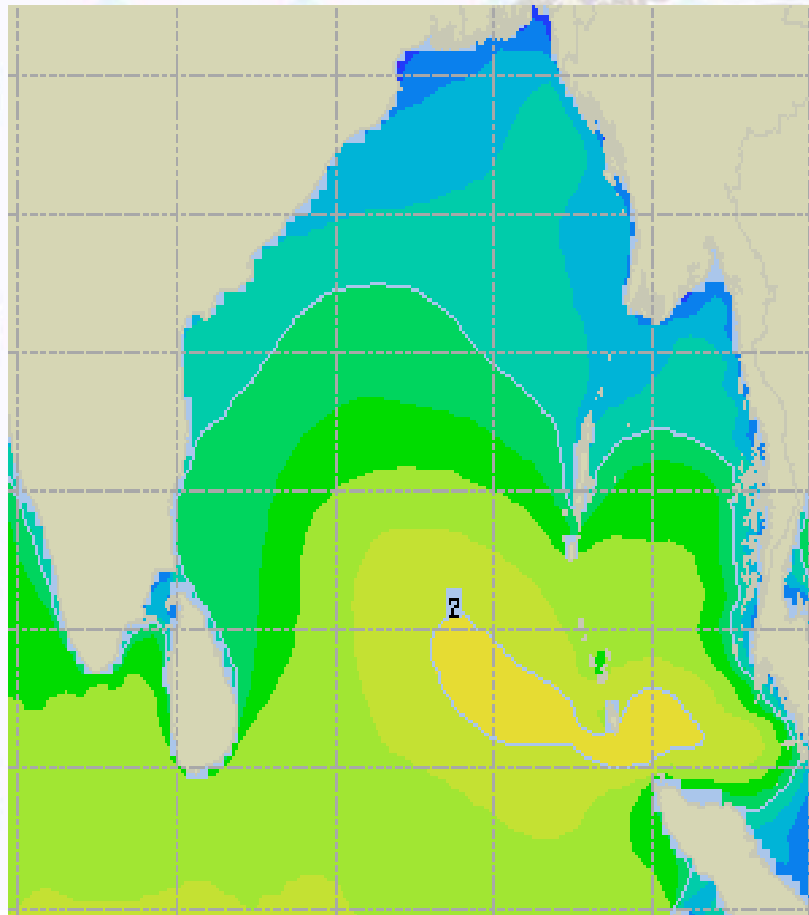




Sea State Forecast – 09 & 10 Jan - 2021

09 Jan 21 Saturday

10 Jan 21 Sunday

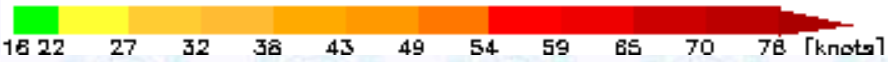
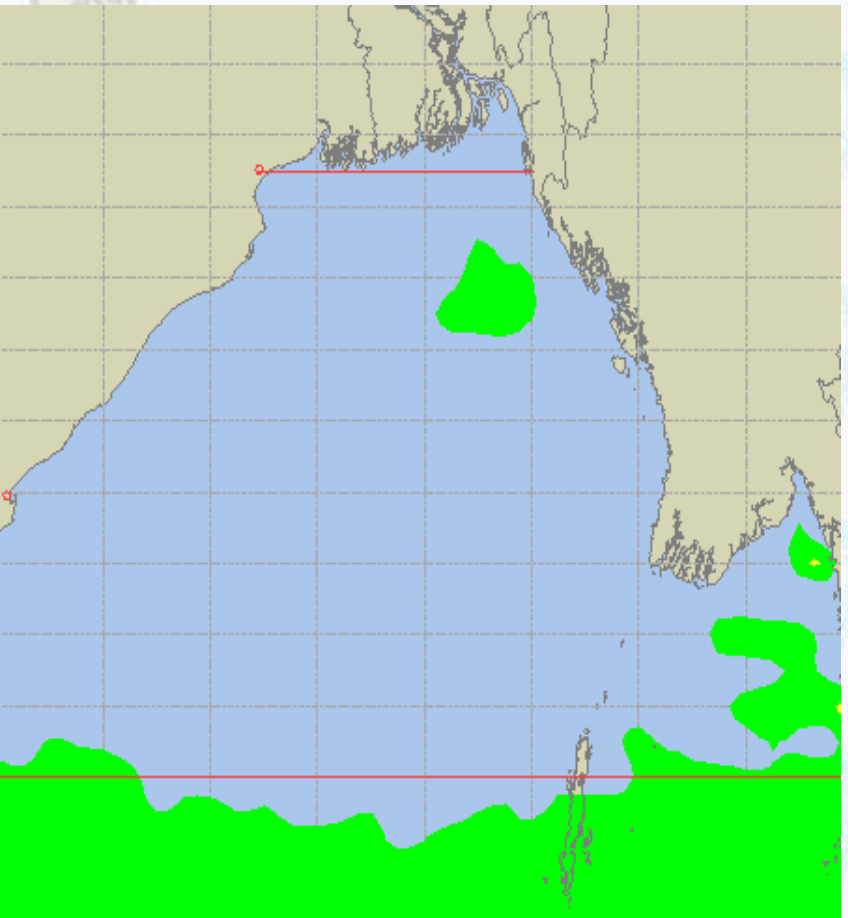
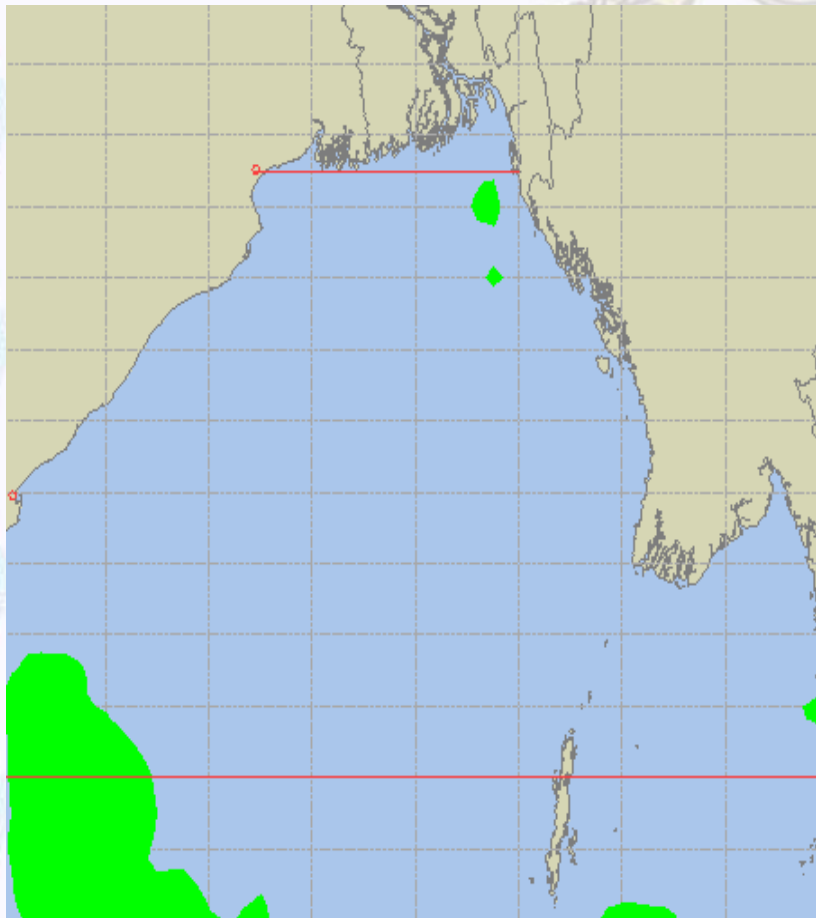




Peak Gusting Possibilities– 08 & 09 Jan 2021

08 Jan 21 Friday

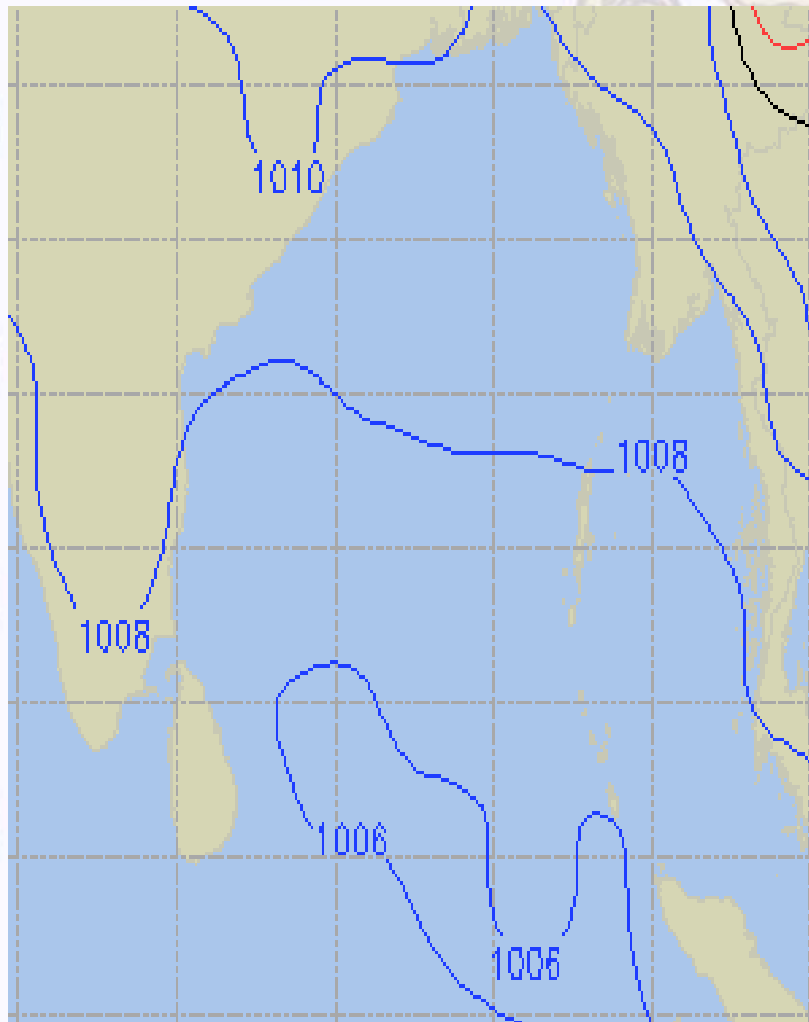
09 Jan 21 Saturday



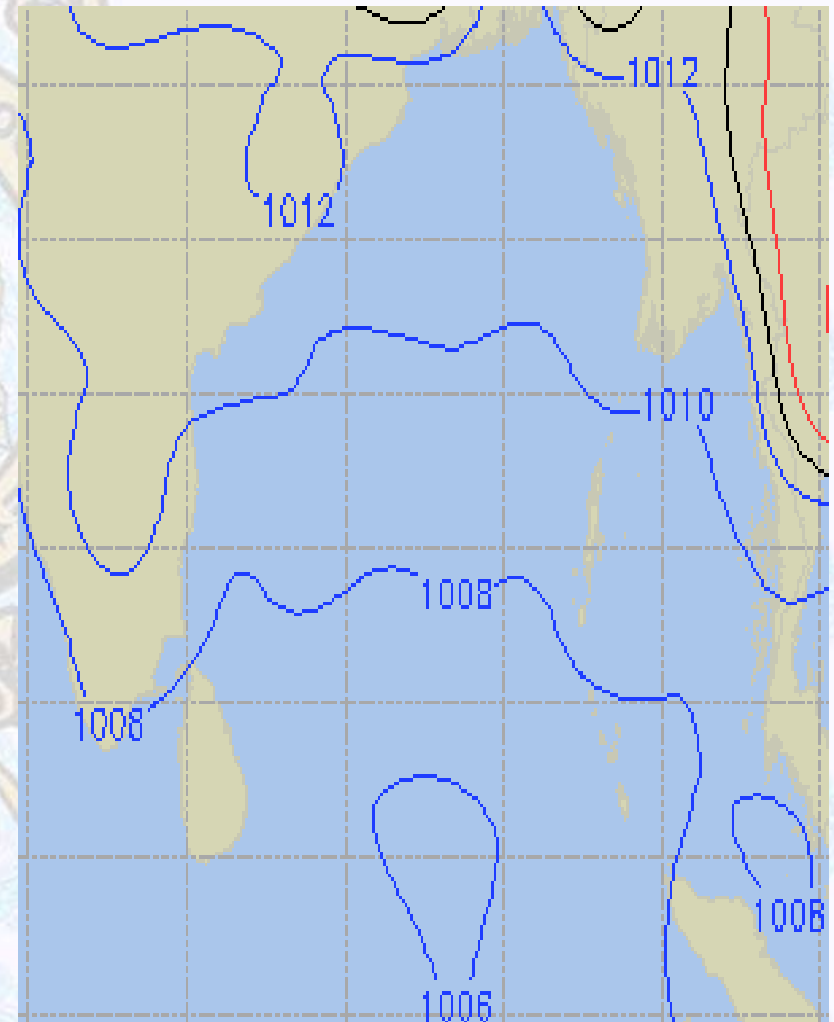


Surface Pressure forecast – 08 & 09 Jan 2021

08 Jan 21 Friday



09 Jan 21 Saturday

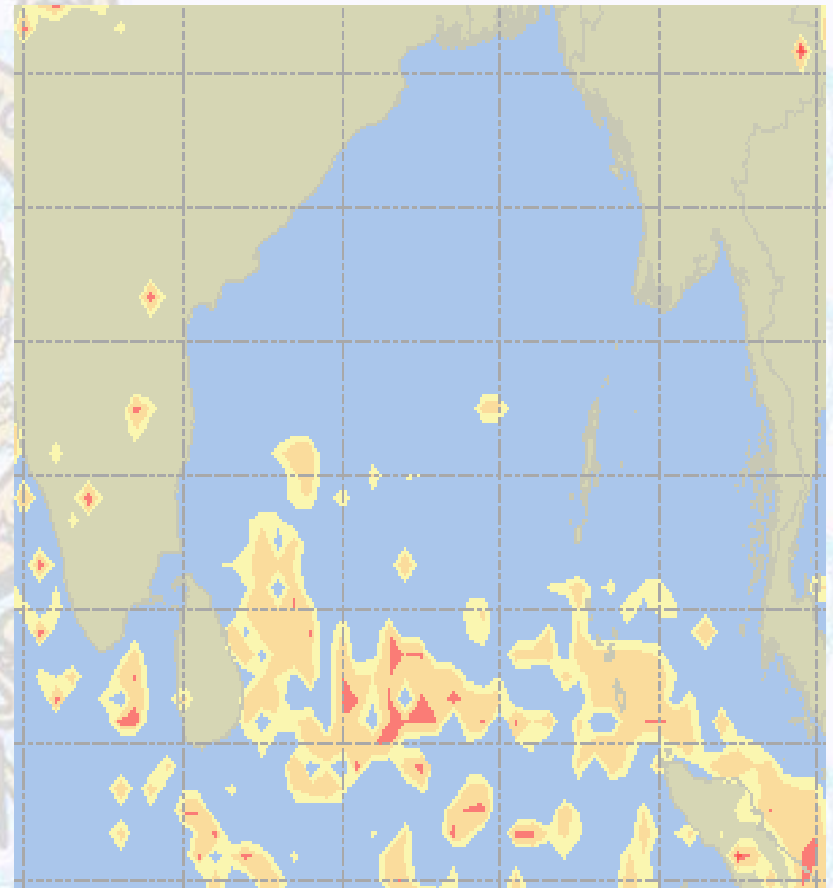
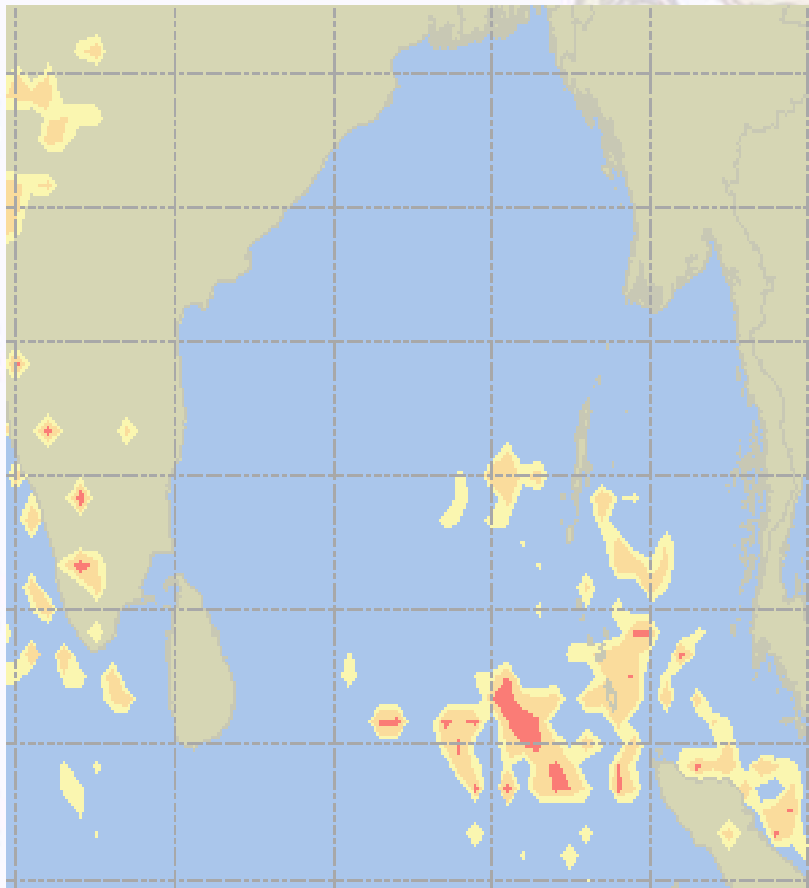




Visibility at Sea Forecast – 08 & 09 Jan 2021

08 Jan 21 Friday

09 Jan 21 Saturday



Visibility Scale:



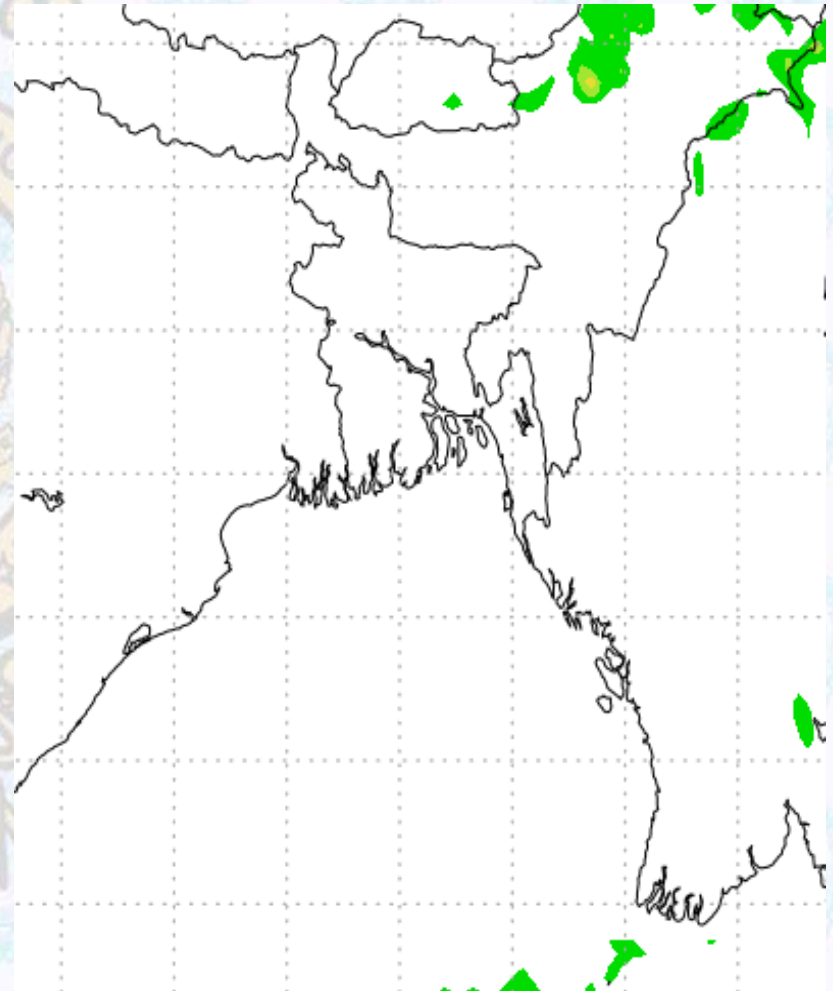
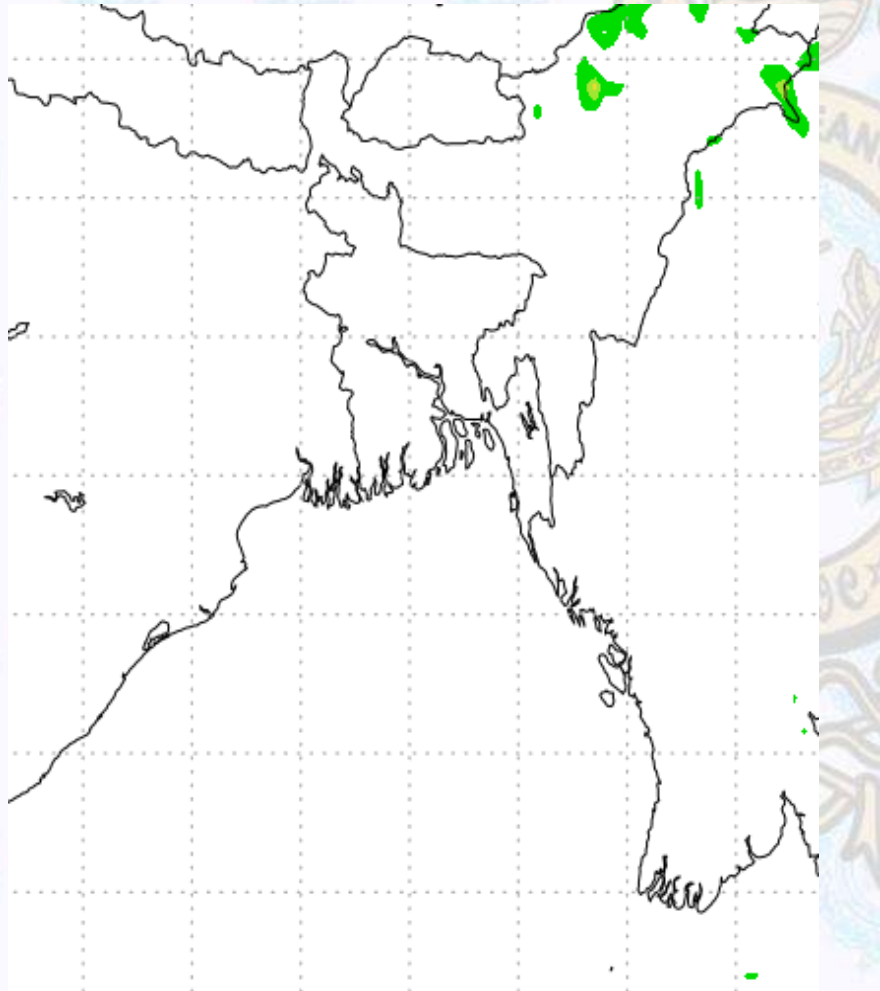
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 08 & 09 Jan 2021

Rain(mm) 09 & 10 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

08 Jan 2021	Time	Height		Time	Height		Time	Height
	0222	1.01		0535	2.51		0526	2.26
	0815	3.52		1214	0.76		1203	0.82
	1450	0.70		1828	2.67		1836	2.48
	2106	3.90		-	-		-	-
09 Jan 2021	Time	Height		Time	Height		Time	Height
	0343	0.91		0101	0.86		0100	1.10
	0933	3.49		0648	2.48		0654	2.21
	1600	0.67		1326	0.70		1318	0.78
	2212	4.04		1937	2.83		1950	2.59
10 Jan 2021	Time	Height		Time	Height		Time	Height
	0453	0.76		0217	0.77		0220	0.99
	1044	3.55		0758	2.53		0814	2.27
	1703	0.61		1432	0.61		1426	0.70
	2310	4.17		2037	3.03		2053	2.73