



WEATHER FORECAST FOR BN

31 DEC - 03 JAN 2021





WEATHER FORECAST – DHAKA

31.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 13	25 / 14	21 / 15	19 / 15
Wind	7 km/h NNW	9 km/h NW	4 km/h NW	5 km/h NW
Humidity	45%	52%	68%	76%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	3%	8%	19%	19%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 40 AM			
Sunset	17: 22 PM			

Conditions

Pressure : 1015 hpa

Visibility : 4.50 km

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



WEATHER FORECAST – CHATTOGRAM

31.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 13	25 / 15	21 / 17	21 / 17
Wind	9 km/h WNW	9 km/h WNW	7 km/h NW	8 km/h N
Humidity	46%	55%	77%	84%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	1%	21%	7%	9%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 32 AM 17: 19 PM			

Conditions

Pressure : 1014 hpa

Visibility : 3:22 Km

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



WEATHER FORECAST – KHULNA

31.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 11	24 / 12	18 / 13	15 / 12
Wind	5 km/h NNW	11 km/h N	3 km/h NNW	3 km/h NW
Humidity	42%	46%	74%	81%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	27%	32%	31%	22%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 42 AM 17: 27 PM			

Conditions

Pressure : 1015 hpa

Visibility : 5.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	01 Jan 2021	02 Jan 2021	03 Jan 2021
Temperature (C)	25 °C/ 14 °C	26 °C/ 14 °C	26 °C/ 14 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h41m24s/17h22m54s	6h41m42s/17h23m36s	6h41m54s/17h24m12s
Day Length	10h41m30s	10h41m54s	10h42m15s
Moon Rise/ Set	7:28 PM 8:26 AM	8:28 PM 9:13 AM	9:28 PM 9:56 AM
Moon Phase/ illu	Waning Gibbous, 94%	Waning Gibbous, 88%	Waning Gibbous, 80%
NauticalTwilight	05:48,18:15	05:48,18:16	05:49,18:15
Civil Twilight	06:16,17:47	06:16,17:47	06:17,17:46
Humidity	D : 68% N : 80%	D : 67% N : 79%	D : 66% N : 79%
Barometer (mb)	1015	1015	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	8 Km/h NW	7 Km/h NW	6 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	01 Jan 2021	02 Jan 2021	03 Jan 2021
Temperature (C)	26 °C/ 14 °C	26 °C/ 14 °C	27 °C/ 14 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h32m30s/17h20m12s	6h32m48s/17h20m54s	6h33m00s/17h21m36s
Day Length	10h47m42s	10h48m06s	10h48m36s
Moon Rise/ Set	7:25 PM 8:17 AM	8:24 PM 9:04 AM	9:24 PM 9:48 AM
Moon Phase/ illu	Waning Gibbous, 94%	Waning Gibbous, 88%	Waning Gibbous, 81%
NauticalTwilight	05:40 18:12	05:40 18:13	05:41 18:12
Civil Twilight	06:07, 17:44	06:08, 17:45	06:09, 17:44
Humidity	D : 69% N : 89%	D : 71% N : 91%	D : 69% N : 86%
Barometer (mb)	1014	1015	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	8 Km/h NW	8 Km/h NW	7 Km/h NNW

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



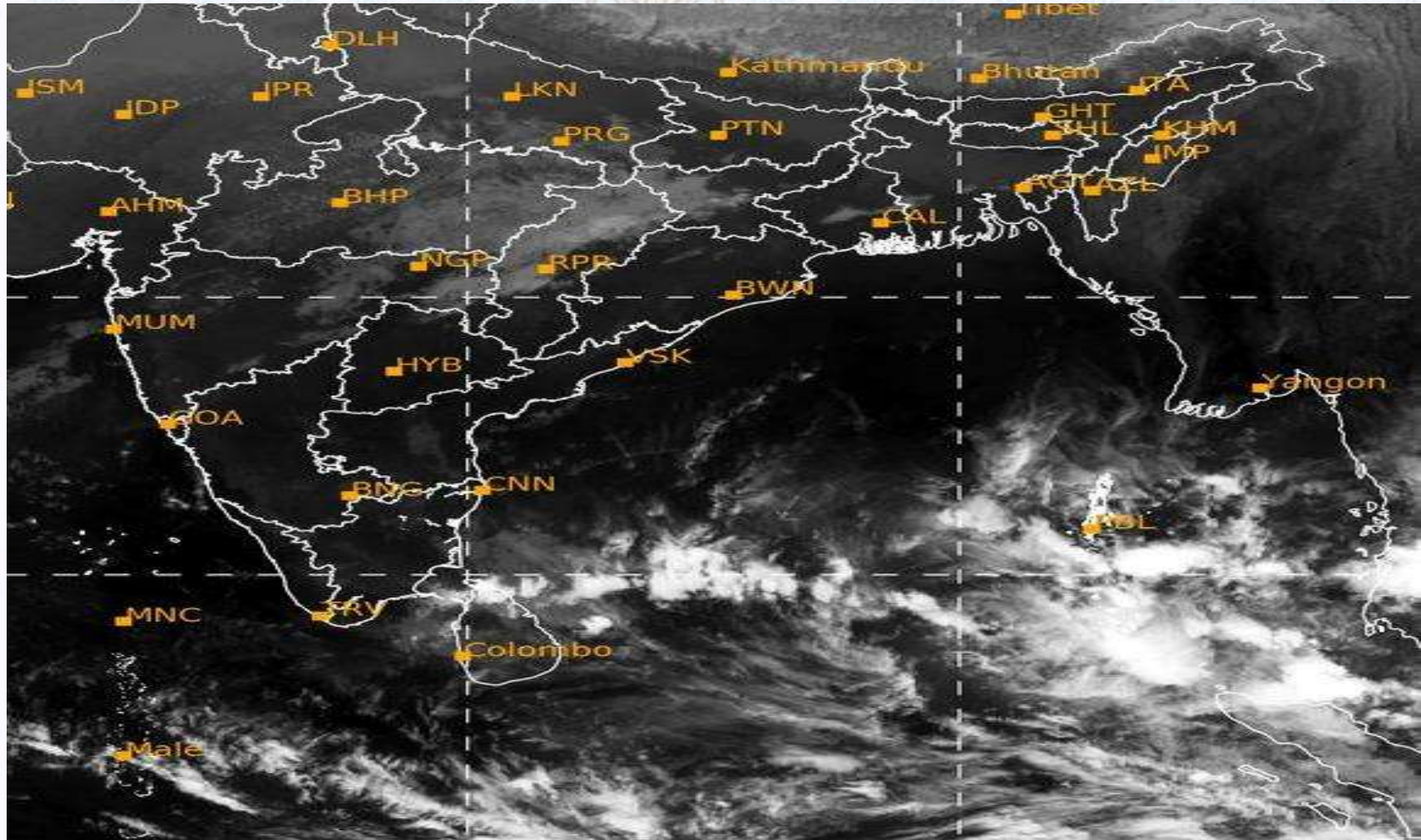
GENERAL WEATHER FORECAST – KHULNA

Description	01 Jan 2021	02 Jan 2021	03 Jan 2021
Temperature(C)	25°C/ 13°C	25°C/ 13°C	26°C/ 14°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h42m42s/17h28m18s	6h43m00s/17h29m00s	6h43m12s/17h29m42s
Day Length	10h45m36s	10h46m00s	10h46m30s
Moon Rise/Set	7:34 PM 8:27 AM	8:33 PM 9:15 AM	9:33 PM 9:58 AM
Moon Phase/illu	Waning Gibbous, 94%	Waning Gibbous, 88%	Waning Gibbous, 80%
NauticalTwilight	05:49, 18:20	05:50, 18:21	05:51, 18:20
Civil Twilight	06:17, 17:52	06:18, 17:53	06:19, 17:52
Humidity	D : 63% N : 80%	D : 63% N : 79%	D : 63% N : 79%
Barometer (mb)	1015	1015	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	10 km/h NW	9 km/h NW	8 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

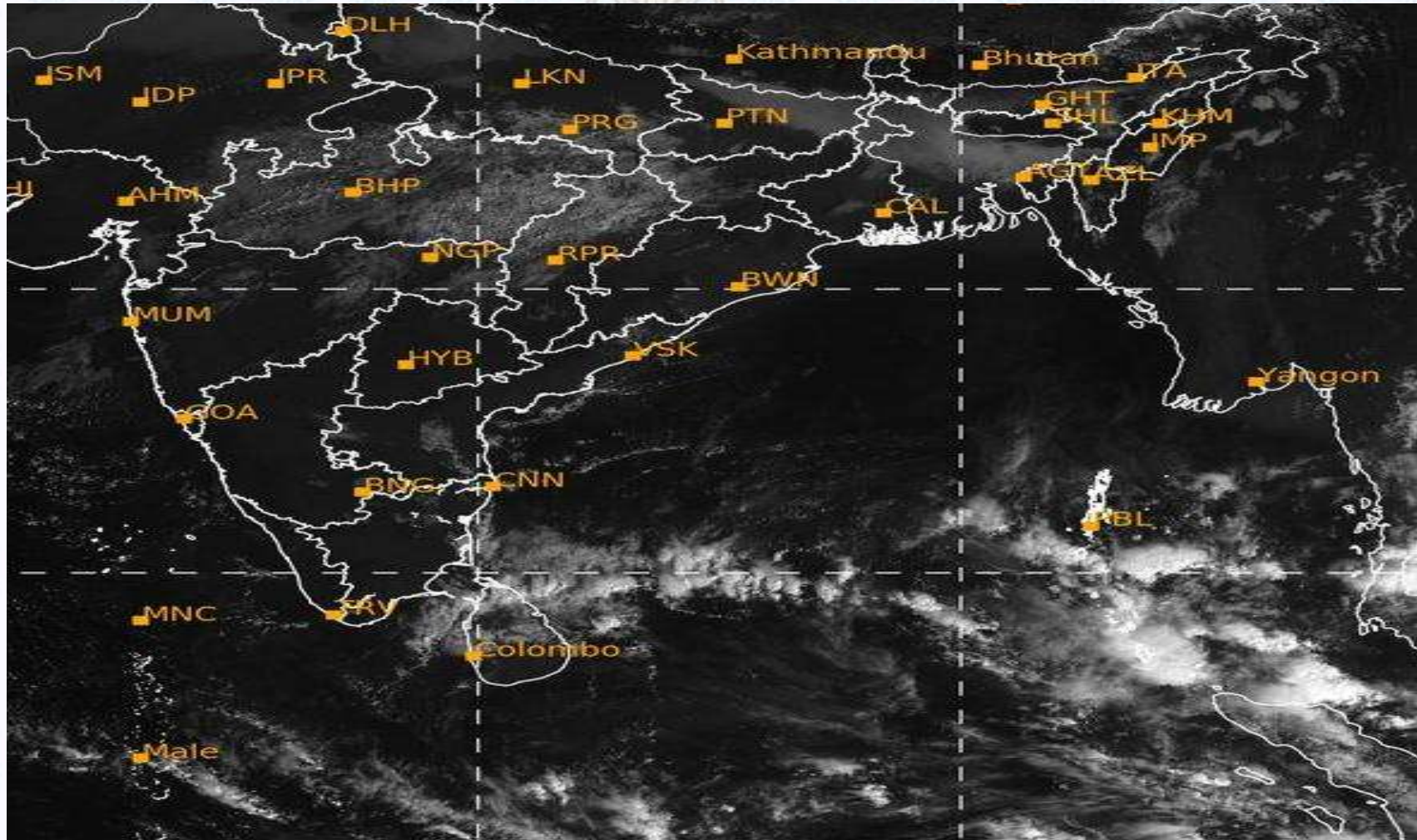


31/12/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



31/12/2020, 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 31.12.2020)

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 = 31,0000 UTC. CHATTOGRAM =1014 HPA



Inland River Port Warning (VALID TILL 06 PM OF 31.12.2020)

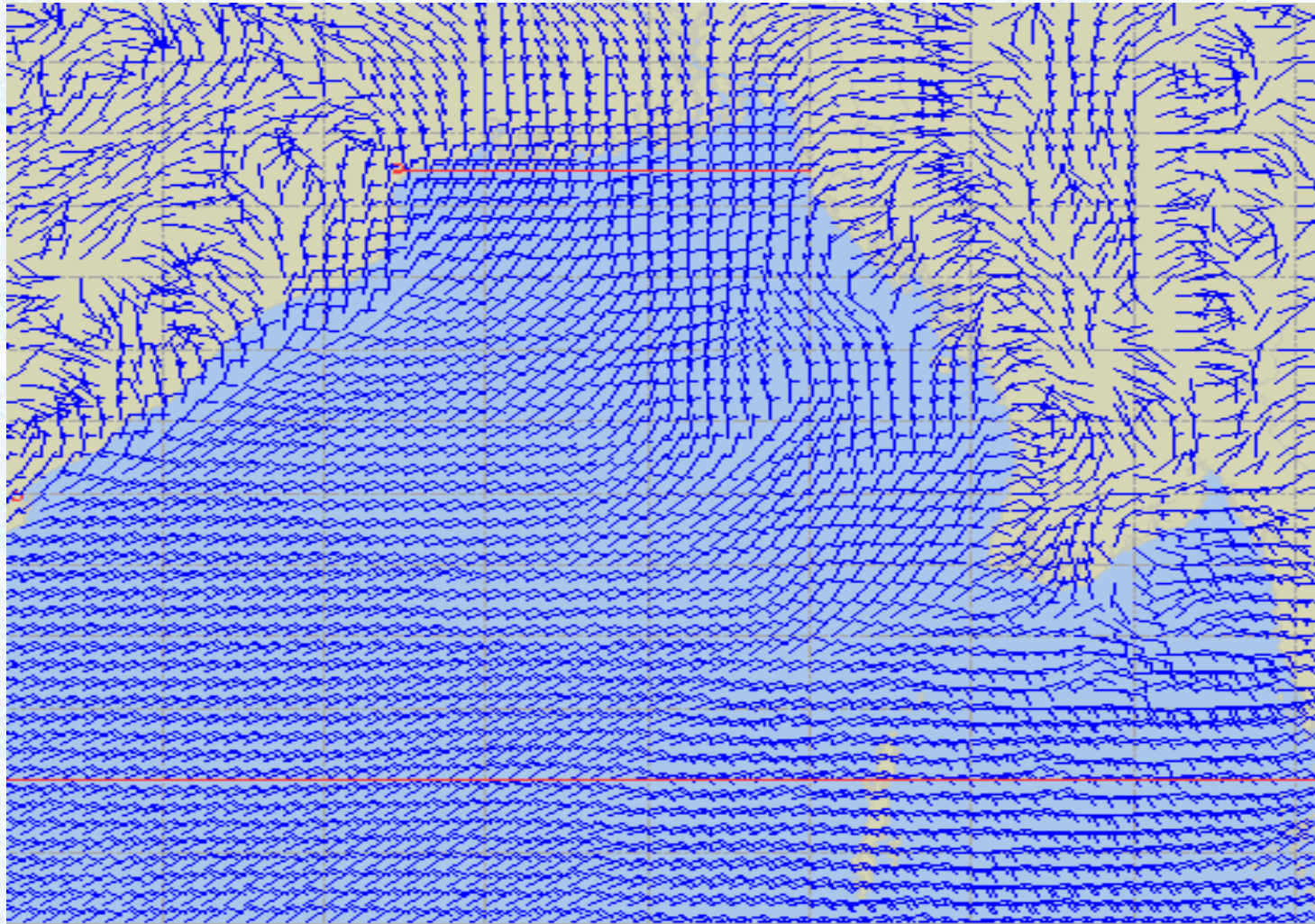
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 01 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



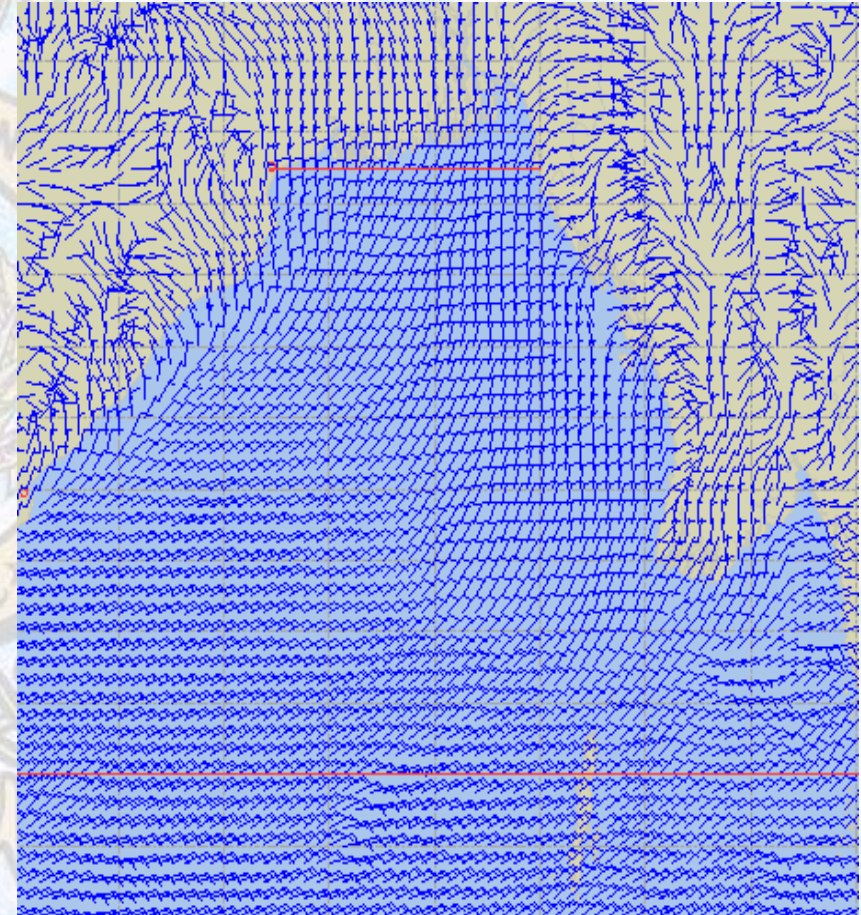
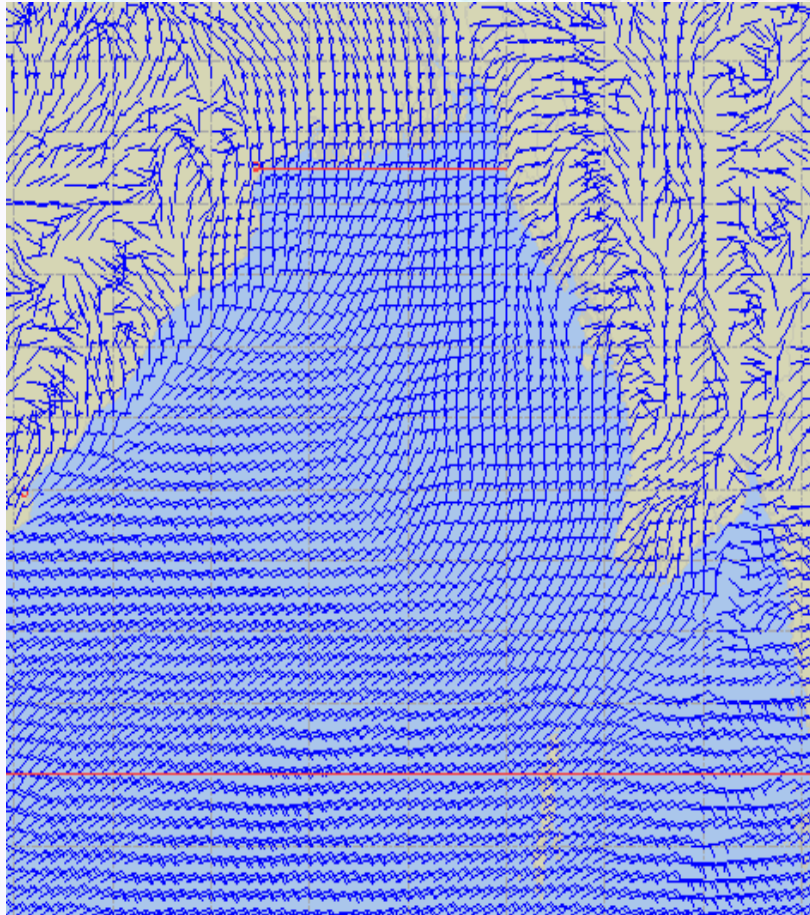
60 Knots



Surface Wind Forecast – 02 & 03 Jan - 2021

02 Jan 21 Saturday

03 Jan 21 Sunday



Legend:



Calm
Winds



5 Knots



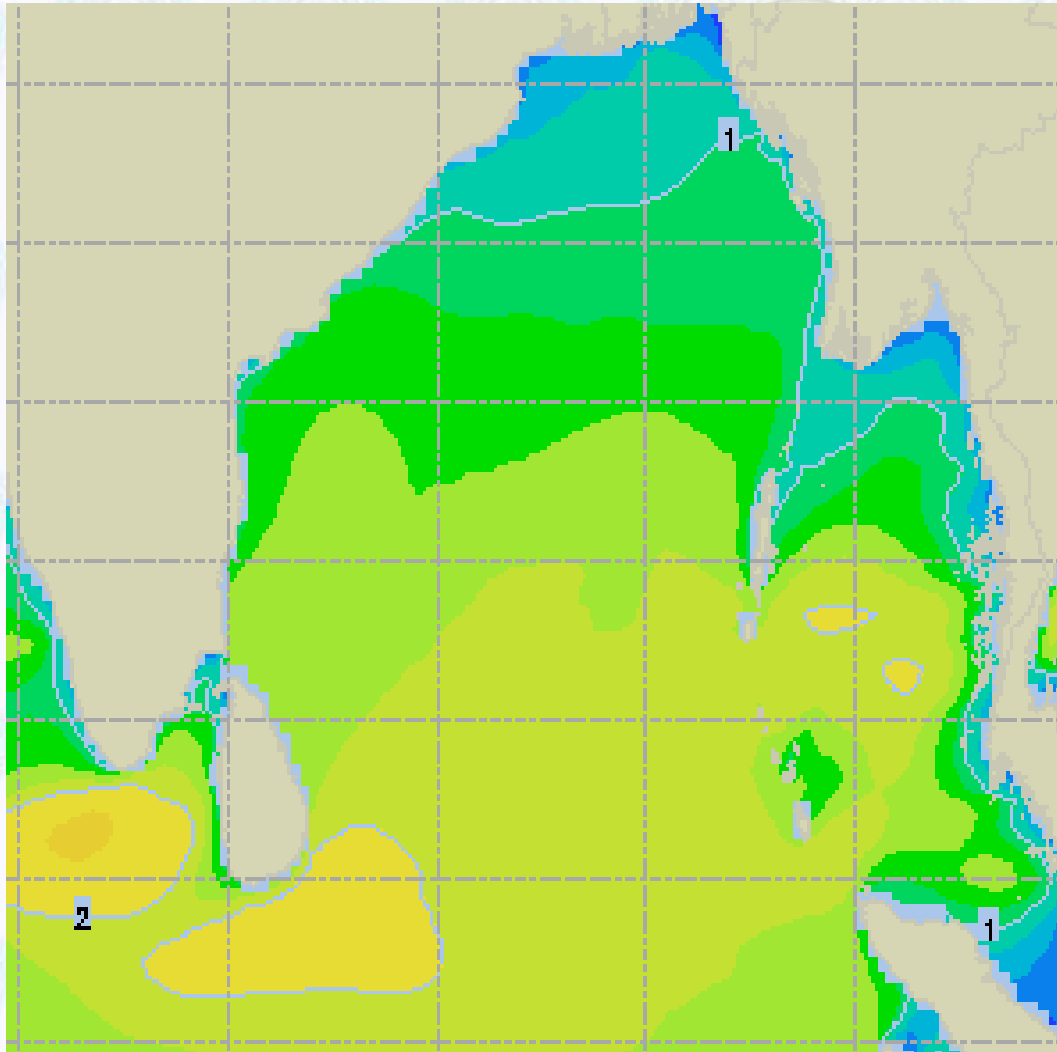
10 Knots



60 Knots



Sea State Forecast – 01 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

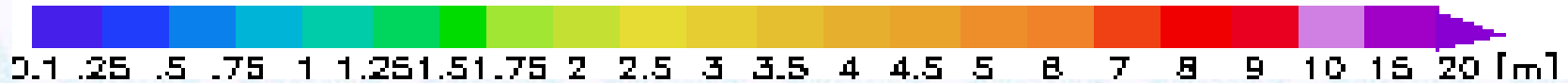
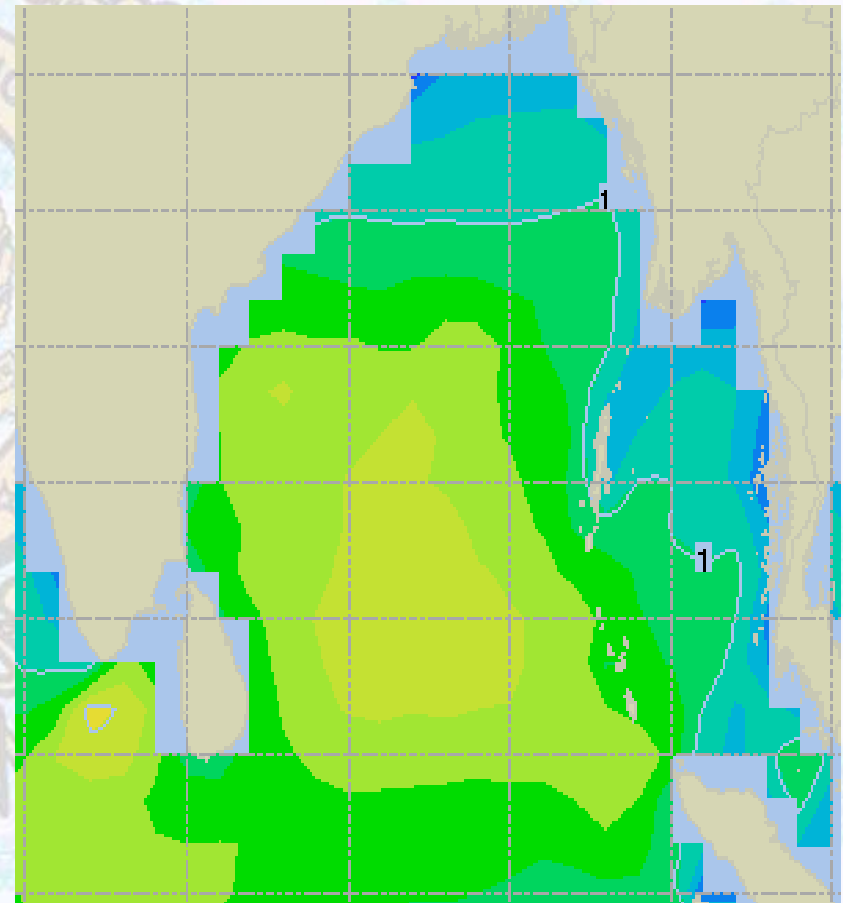
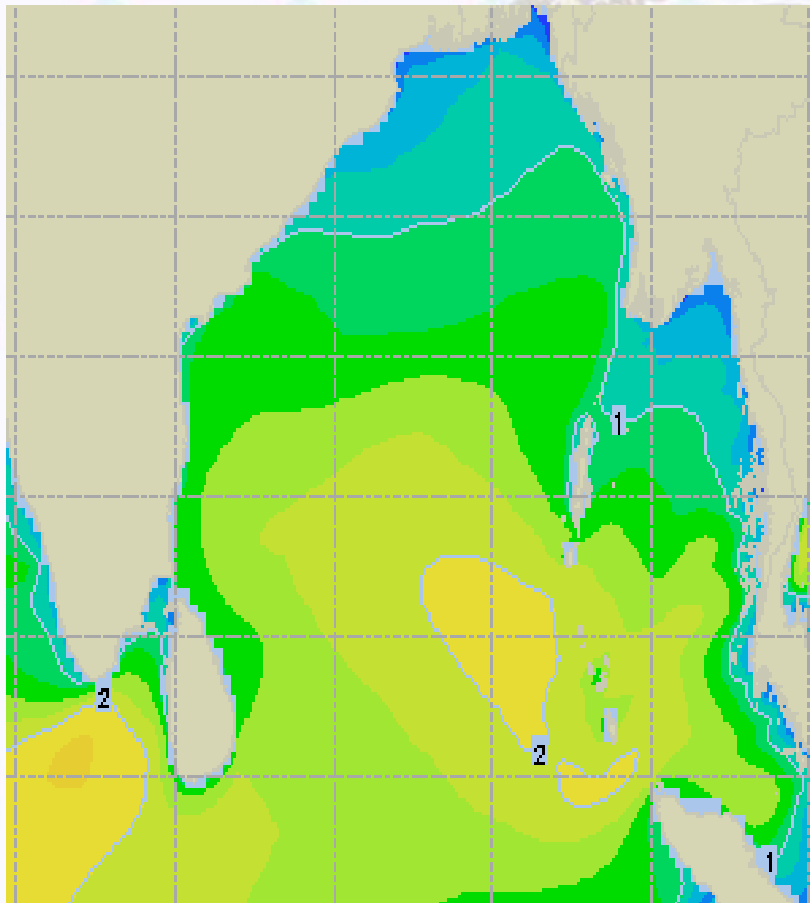




Sea State Forecast – 02 & 03 Jan - 2021

02 Jan 21 Saturday

03 Jan 21 Sunday

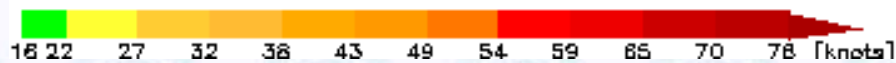
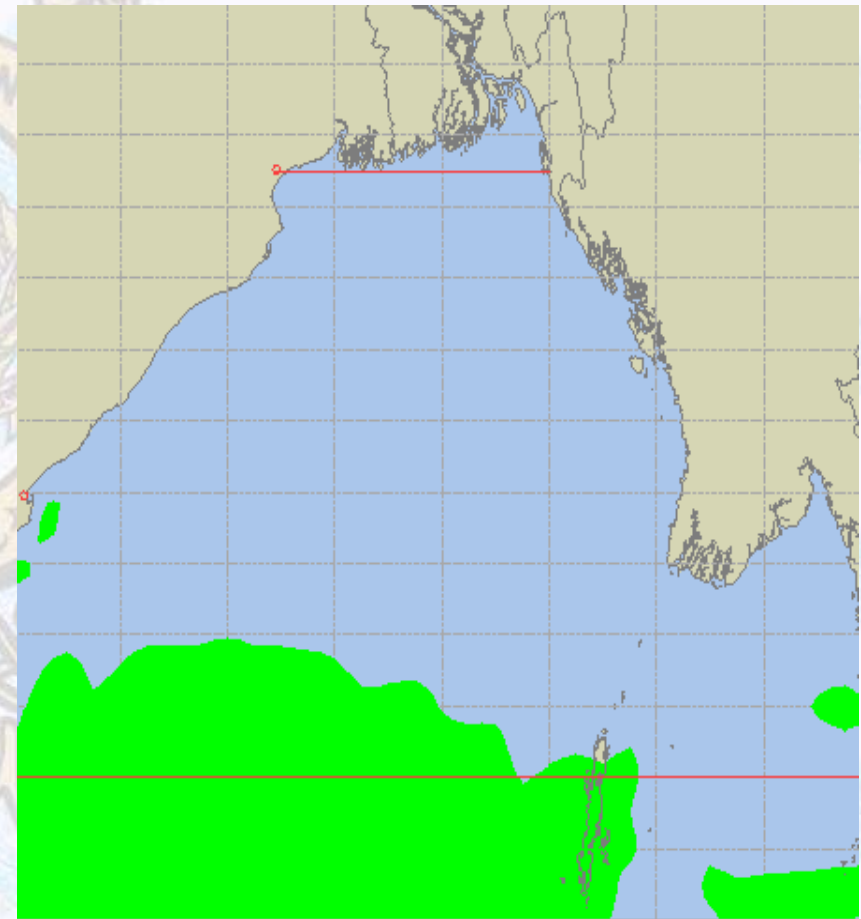
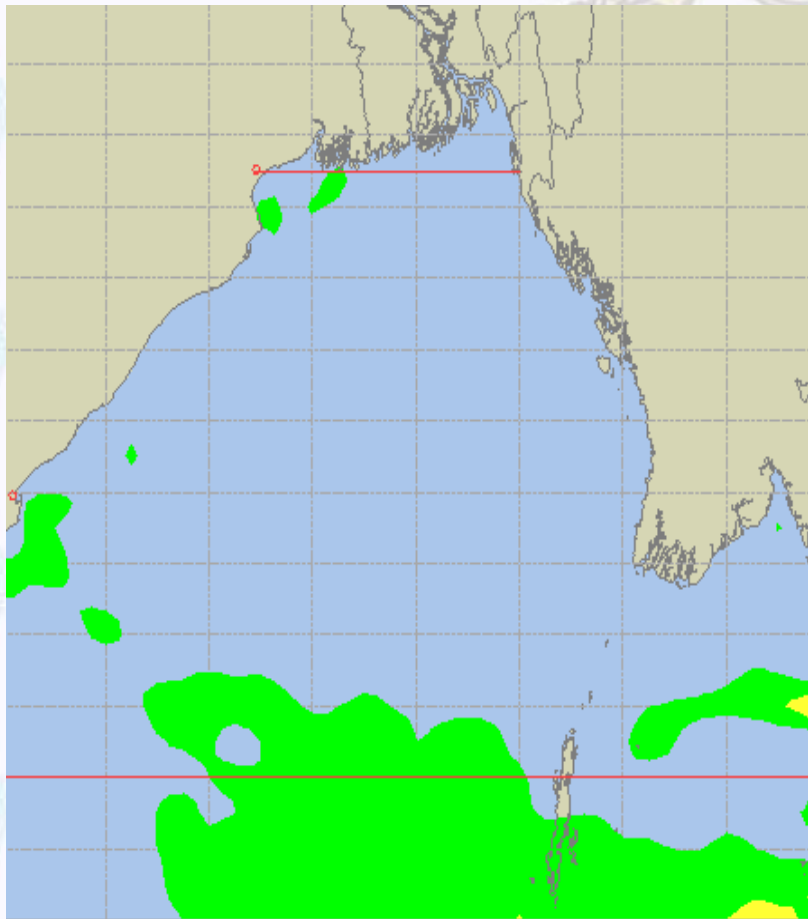




Peak Gusting Possibilities– 01 & 02 Jan 2021

01 Jan 21 Friday

02 Jan 21 Saturday

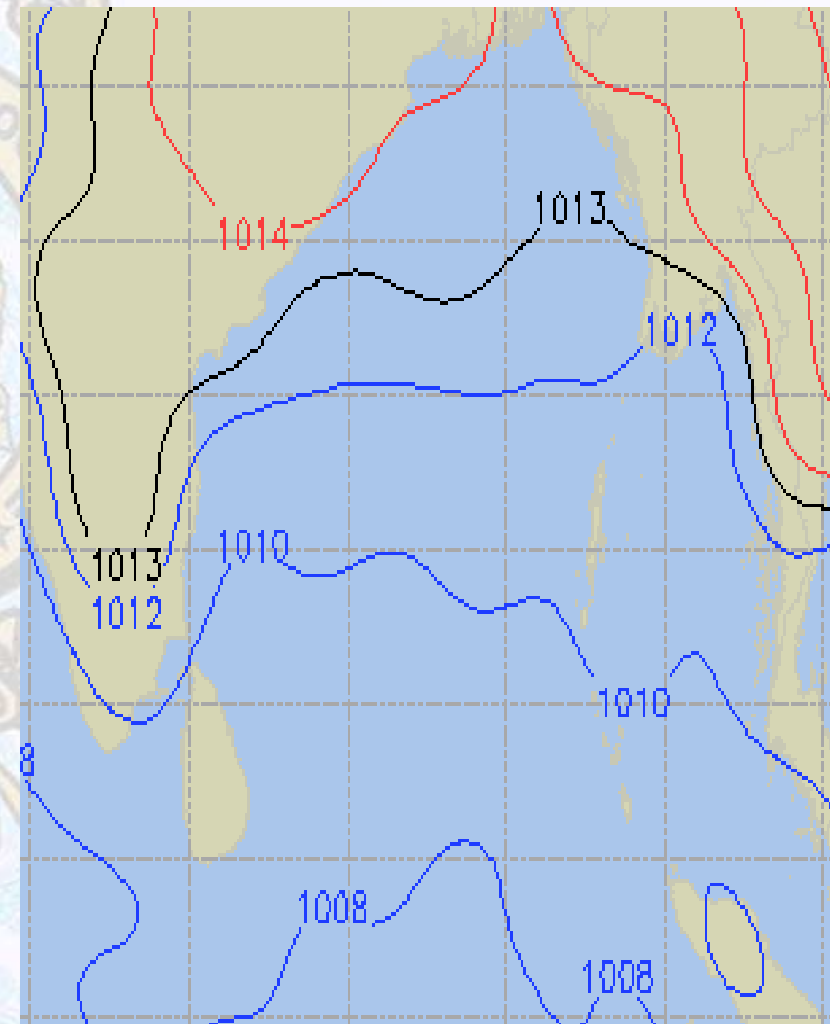
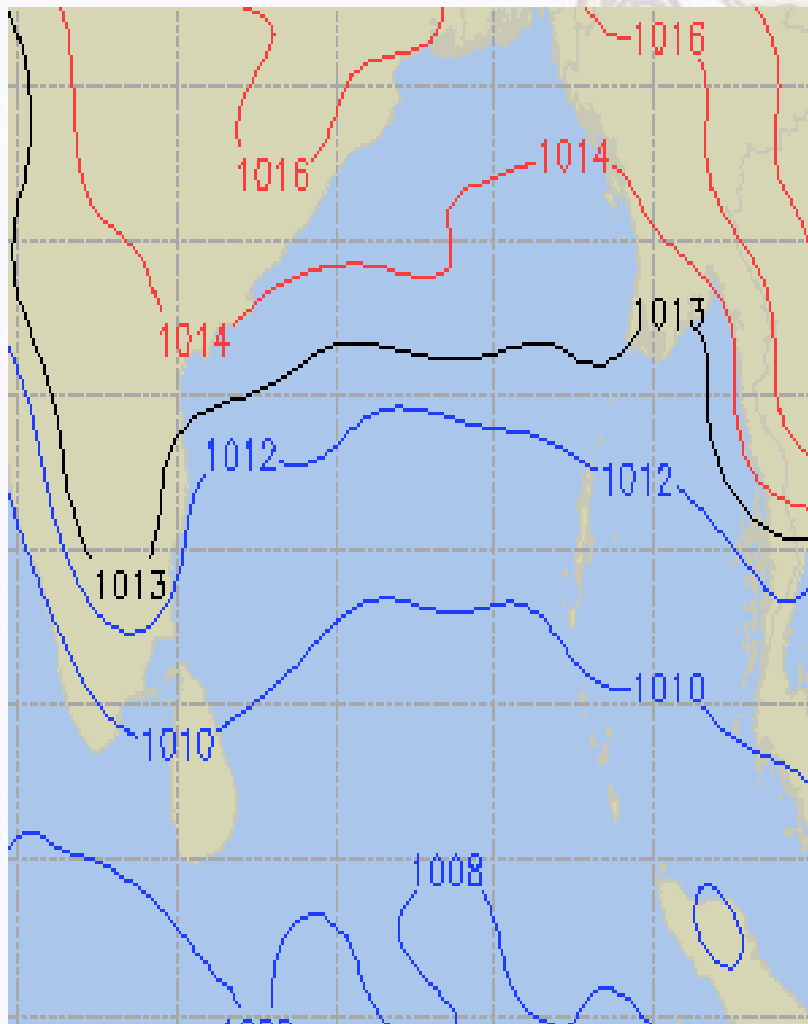




Surface Pressure forecast – 01 & 02 Jan 2021

01 Jan 21 Friday

02 Jan 21 Saturday

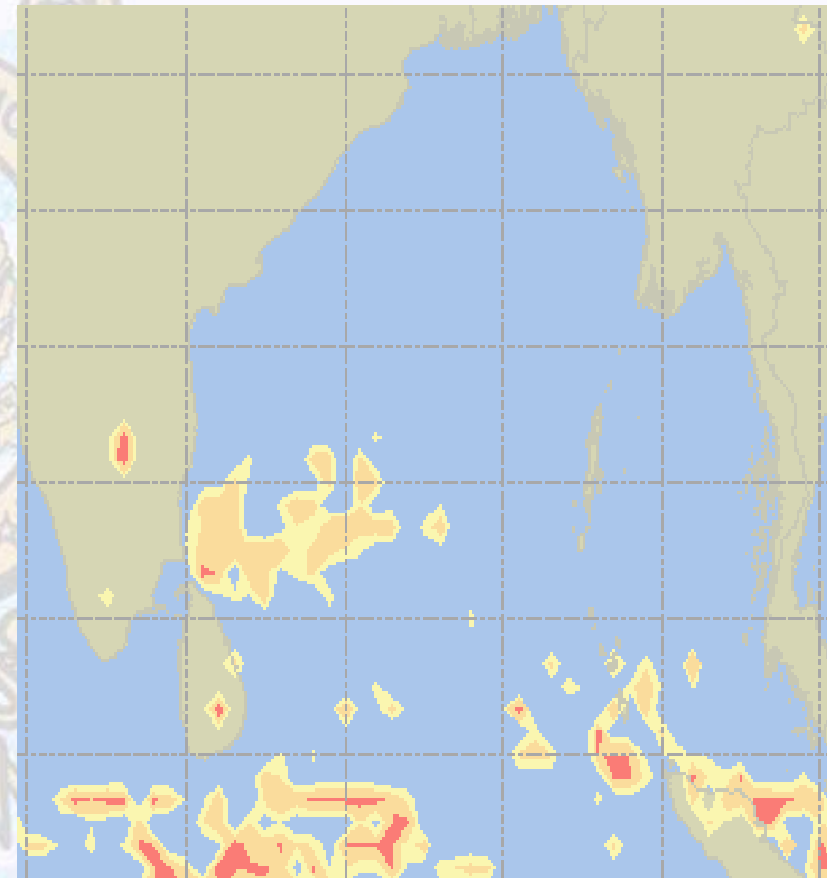
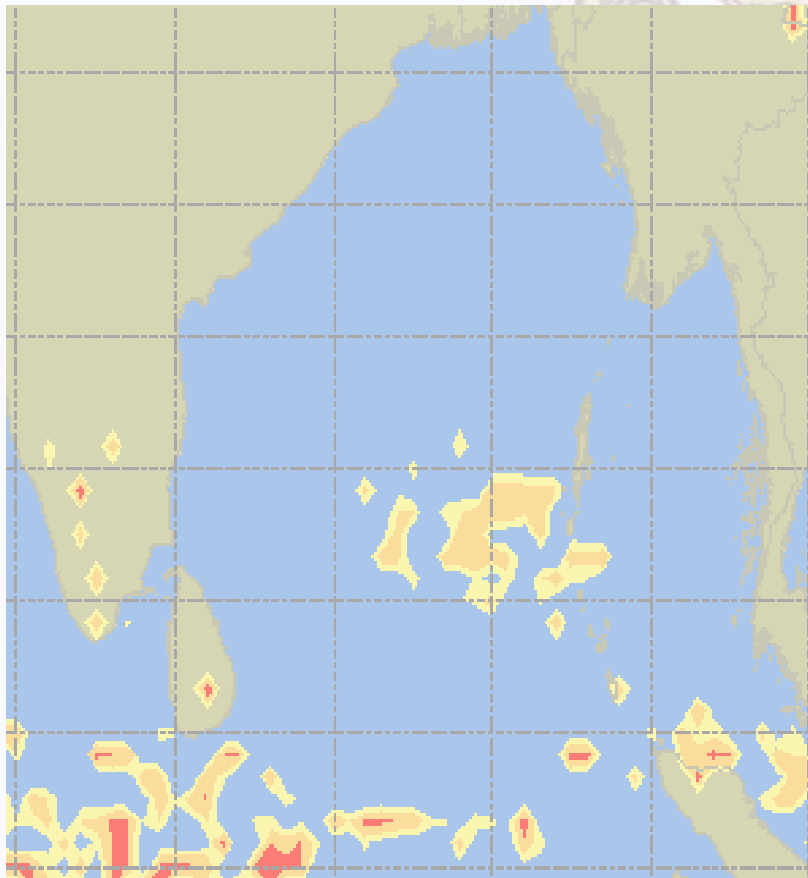




Visibility at Sea Forecast – 01 & 02 Jan 2021

01 Jan 21 Friday

02 Jan 21 Saturday



Visibility Scale:



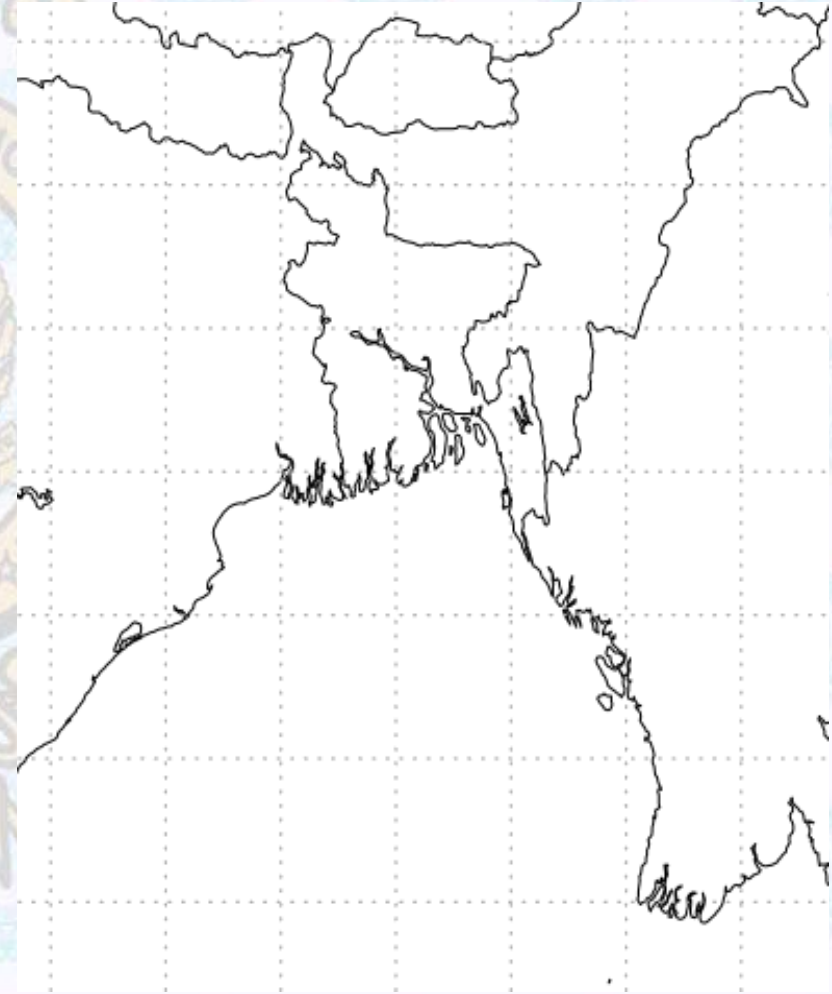
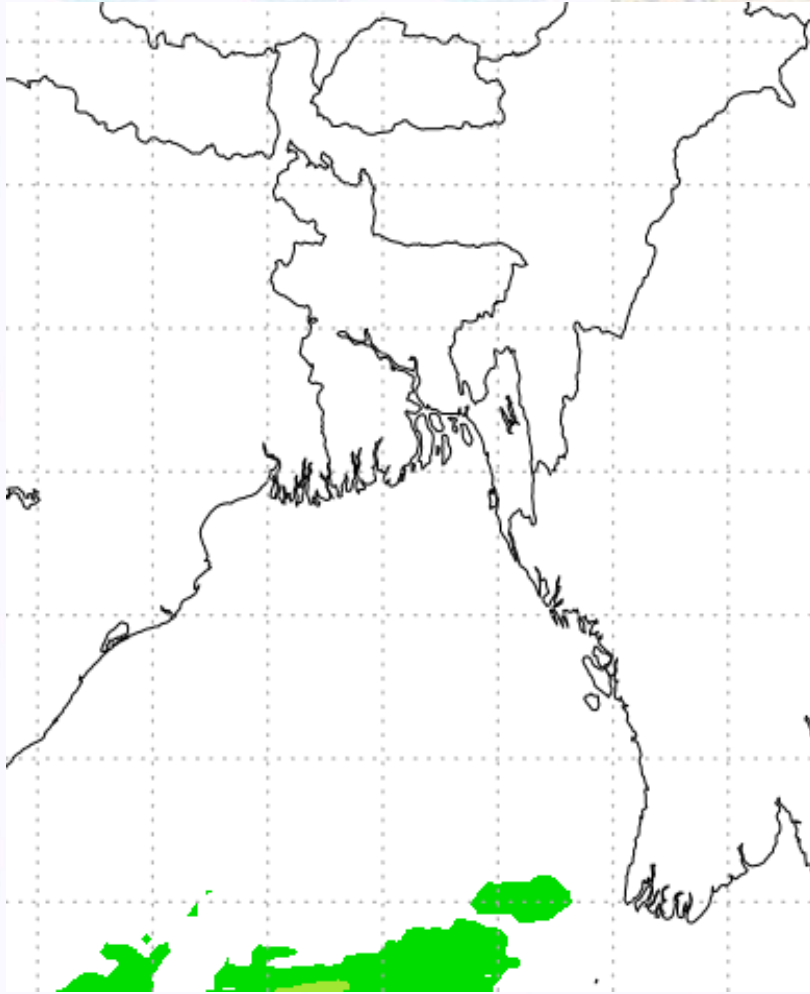
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 01 & 02 Jan 2021

Rain(mm) 02 & 03 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

01 Jan 2021	Time	Height		Time	Height		Time	Height
	0148	4.32		0622	0.51		0618	0.66
	0842	0.67		1159	2.82		1206	2.51
	1415	3.80		1824	0.49		1810	0.57
	2036	0.63		-	-		-	-
02 Jan 2021	Time	Height		Time	Height		Time	Height
	0220	4.33		0025	3.30		0020	2.86
	0918	0.63		0658	0.50		0655	0.63
	1450	3.83		1237	2.79		1243	2.51
	2115	0.66		1900	0.52		1849	0.61
03 Jan 2021	Time	Height		Time	Height		Time	Height
	0258	4.31		0103	3.23		0056	2.83
	0957	0.59		0735	0.52		0732	0.62
	1533	3.83		1318	2.74		1324	2.49
	2158	0.71		1939	0.59		1929	0.68