



WEATHER FORECAST FOR BN

05 JAN - 08 JAN 2021



WEATHER FORECAST – DHAKA

05.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 17	27 / 16	23 / 16	21 / 16
Wind	7 km/h WNW	8 km/h W	3 km/h WNW	3 km/h NW
Humidity	54%	53%	70%	76%
Chance of Precip	1%	1%	2%	4%
Cloud Cover	12%	6%	7%	13%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 42 AM 17: 25 PM			

Conditions

Pressure : 1013 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

05.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 17	27 / 17	22 / 19	21 / 18
Wind	15 km/h WNW	13 km/h WNW	5 km/h NW	4 km/h N
Humidity	51%	55%	81%	85%
Chance of Precip.	1%	1%	2%	5%
Cloud Cover	16%	20%	21%	15%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 33 AM			
Sunset	17: 23 PM			

Conditions

Pressure : 1013 hpa

Visibility : 4:02 Km

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



WEATHER FORECAST – KHULNA

05.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 14	28 / 15	21 / 16	18 / 14
Wind	6 km/h NNW	6 km/h NNW	2 km/h N	1 km/h NNW
Humidity	41%	44%	71%	83%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	19%	7%	2%	4%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 29 PM			

Conditions

Pressure : 1014 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	06 Jan 2021	07 Jan 2021	08 Jan 2021
Temperature (C)	28 °C / 18 °C	29 °C / 18 °C	29 °C / 18 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h42m36s/17h26m12s	6h42m42s/17h26m54s	6h42m54s/17h27m36s
Day Length	10h43m36s	10h44m12s	10h44m42s
Moon Rise/ Set	11:11 PM 11:51AM	12:26AM 12:29PM	1:27AM 1:09PM
Moon Phase/ illu	Last Quarter, 49%	Waning Crescent, 37%	Waning Crescent, 26%
NauticalTwilight	05:50,18:14	05:50,18:14	05:51,18:13
Civil Twilight	06:18,17:44	06:18,17:44	06:19,17:43
Humidity	D : 64% N : 76%	D : 64% N : 77%	D : 61% N : 73%
Barometer (mb)	1013	1011	1011
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	6 Km/h WNW	7 Km/h WSW	10 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	06 Jan 2021	07 Jan 2021	08 Jan 2021
Temperature (C)	29 °C/ 17 °C	30 °C/ 118 °C	30 °C/ 17 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h33m42s/17h23m36s	6h33m54s/17h24m12s	6h34m06s/17h24m48s
Day Length	10h49m54s	10h50m18s	10h50m42s
Moon Rise/ Set	11:11 PM 11:51AM	12:26AM 12:29PM	1:20AM 1:05PM
Moon Phase/ illu	Last Quarter, 49%	Waning Crescent, 37%	Waning Crescent, 26%
NauticalTwilight	05:42 18:11	05:42 18:11	05:43 18:10
Civil Twilight	06:10, 17:43	06:10, 17:43	06:11, 17:42
Humidity	D : 67% N : 86%	D : 62% N : 82%	D : 57% N : 74%
Barometer (mb)	1013	1011	1011
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	7 Km/h NNW	7 Km/h NNW	9 Km/h NNW

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



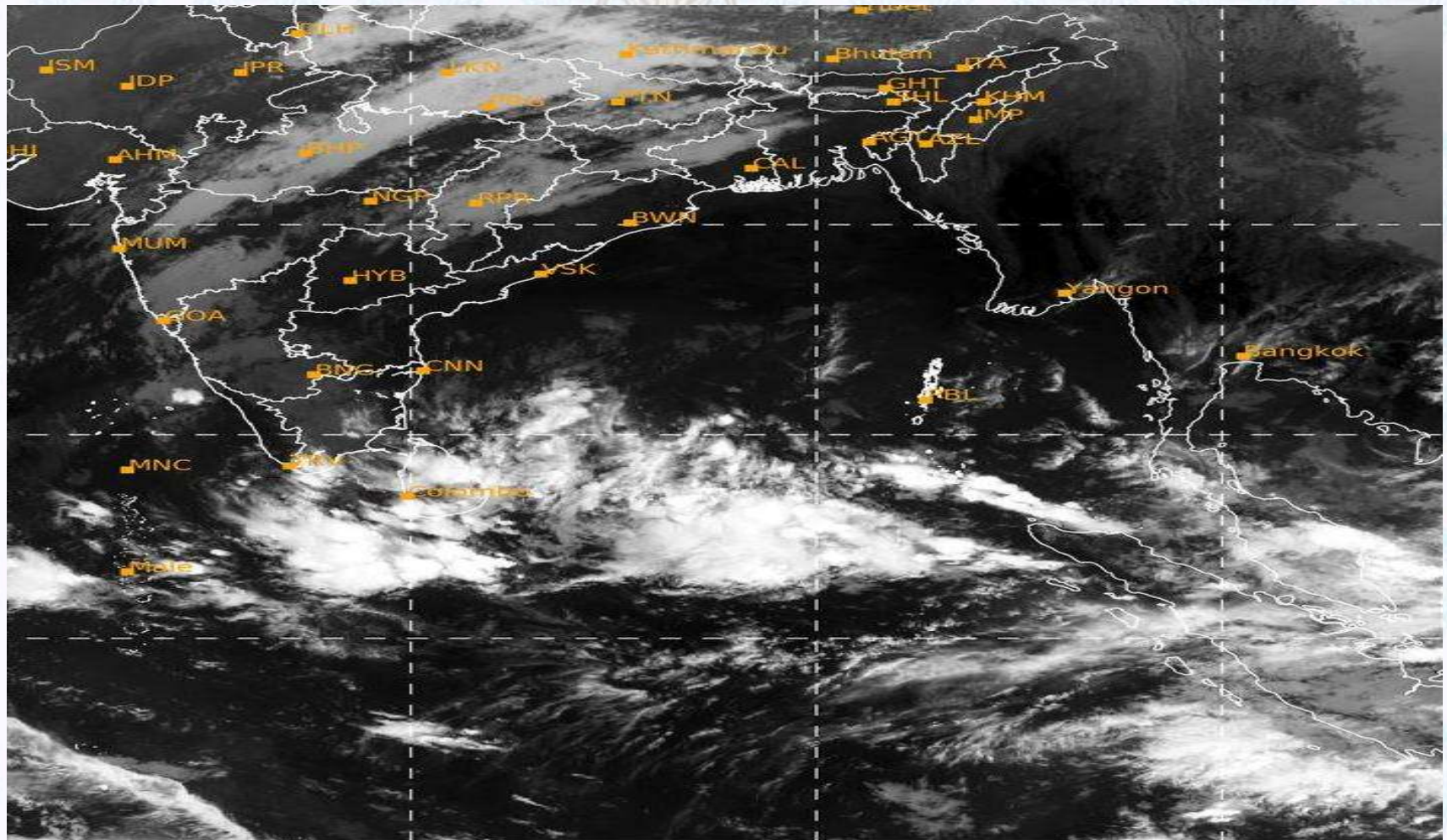
GENERAL WEATHER FORECAST – KHULNA

Description	06 Jan 2021	07 Jan 2021	08 Jan 2021
Temperature(C)	29°C/ 17°C	30°C/ 18°C	29°C/ 18°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h43m42s/17h31m00s	6h43m42s/17h31m00s	6h44m18s/17h32m54s
Day Length	10h47m18s	10h47m18s	10h48m36s
Moon Rise/Set	11:11 PM 11:51AM	12:26AM 12:29PM	1:30AM 1:14PM
Moon Phase/illu	Last Quarter, 49%	Waning Crescent, 37%	Waning Crescent, 26%
NauticalTwilight	05:52, 18:19	05:52, 18:19	05:53, 18:18
Civil Twilight	06:20, 17:50	06:20, 17:50	06:21, 17:49
Humidity	D : 61% N : 77%	D : 60% N : 77%	D : 59% N : 73%
Barometer (mb)	1013	1011	1011
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	6 km/h WNW	7 km/h W	10 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

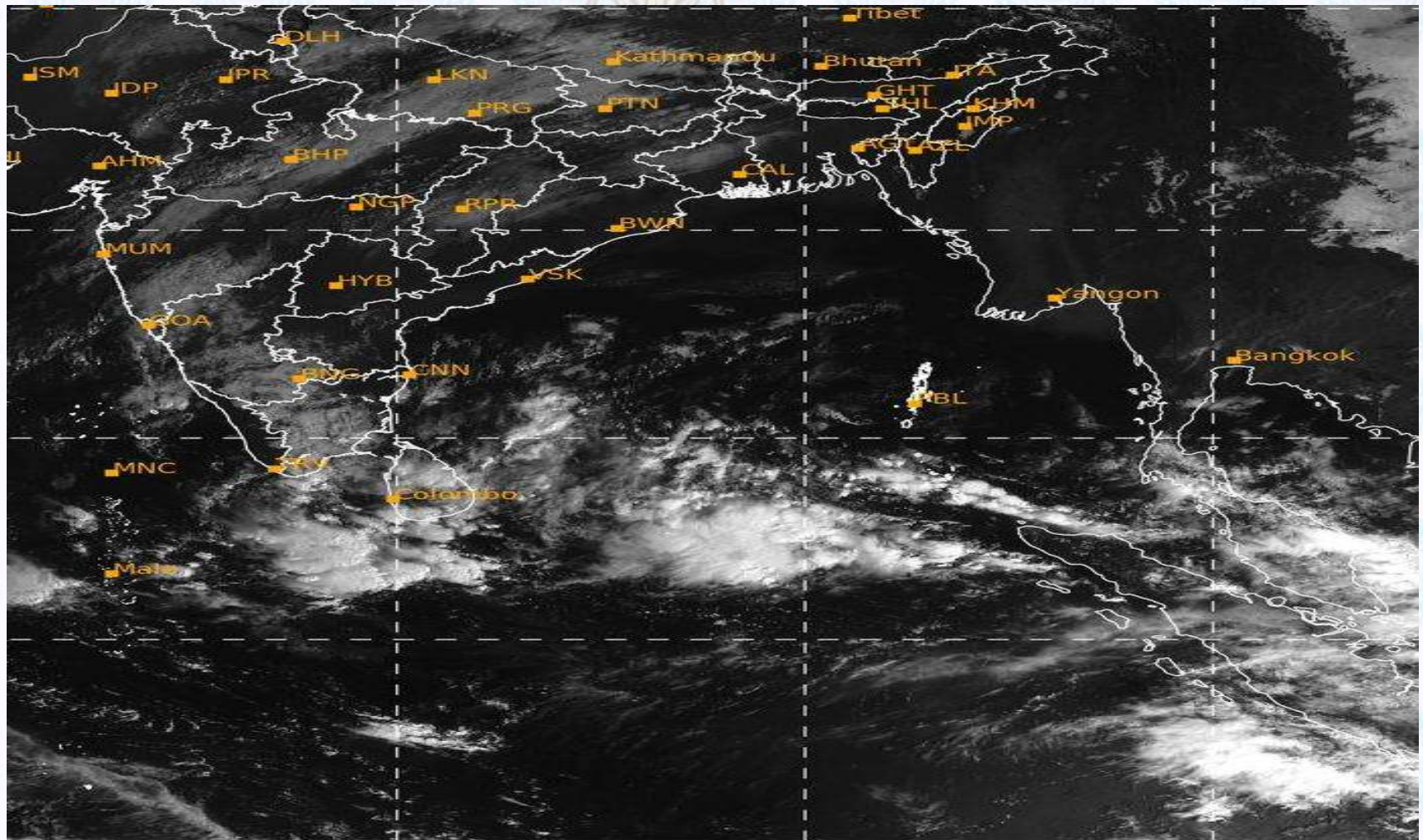


05/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



05/01/2021, 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 05.01.2021)

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 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 05,0000 UTC. CHATTOGRAM =1015 HPA



Inland River Port Warning (VALID TILL 06 PM OF 05.01.2020)

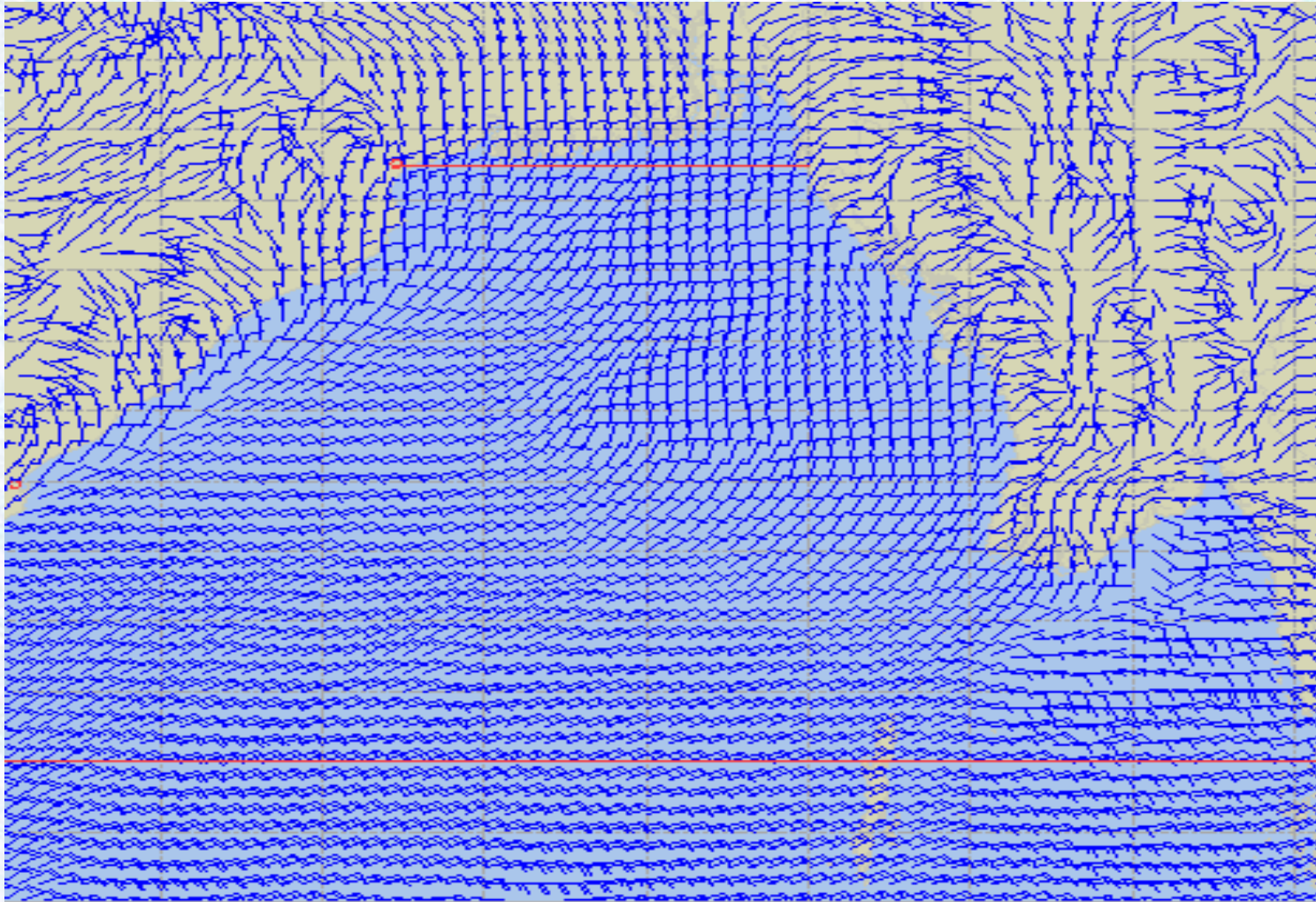
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 06 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



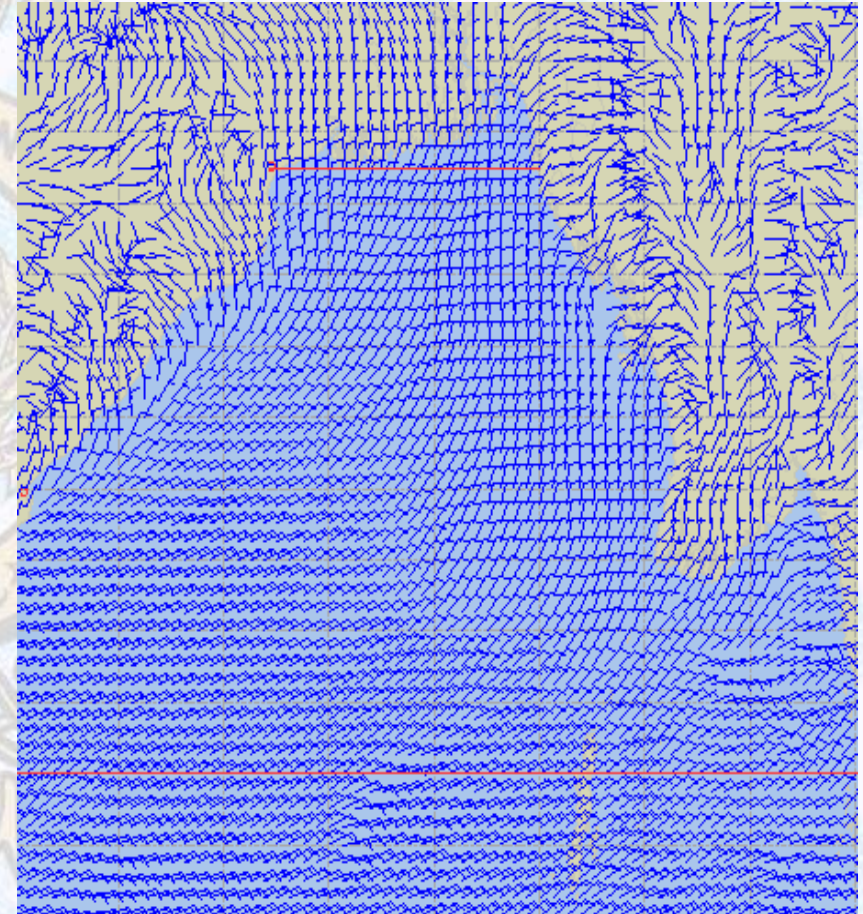
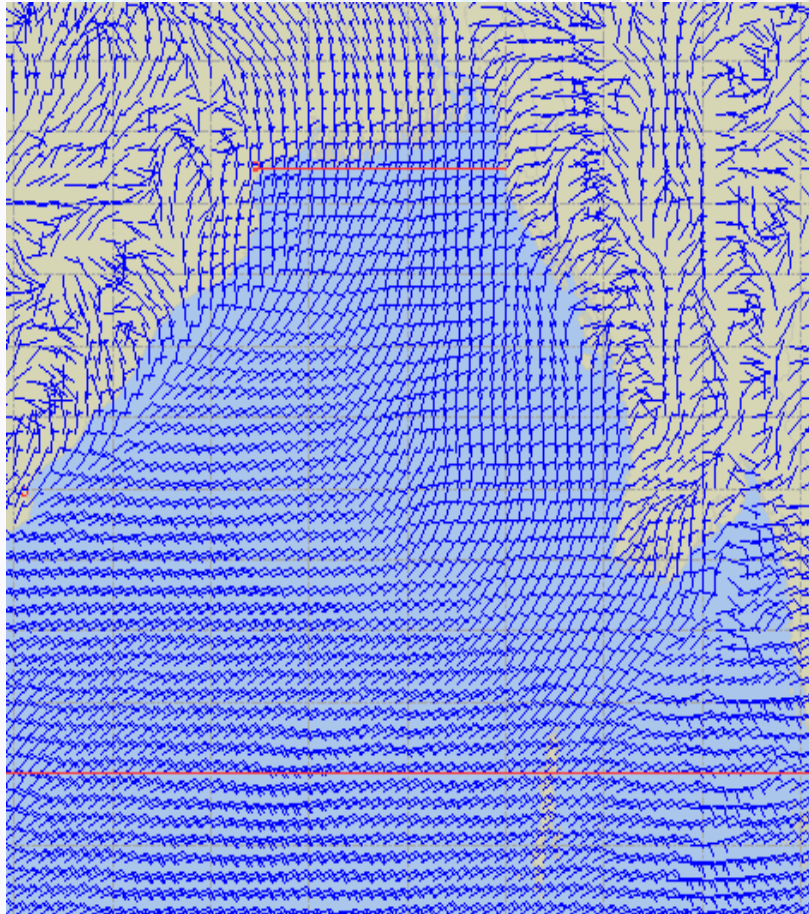
60 Knots



Surface Wind Forecast – 07 & 08 Jan - 2021

07 Jan 21 Thursday

08 Jan 21 Friday



Legend:



Calm
Winds



5 Knots



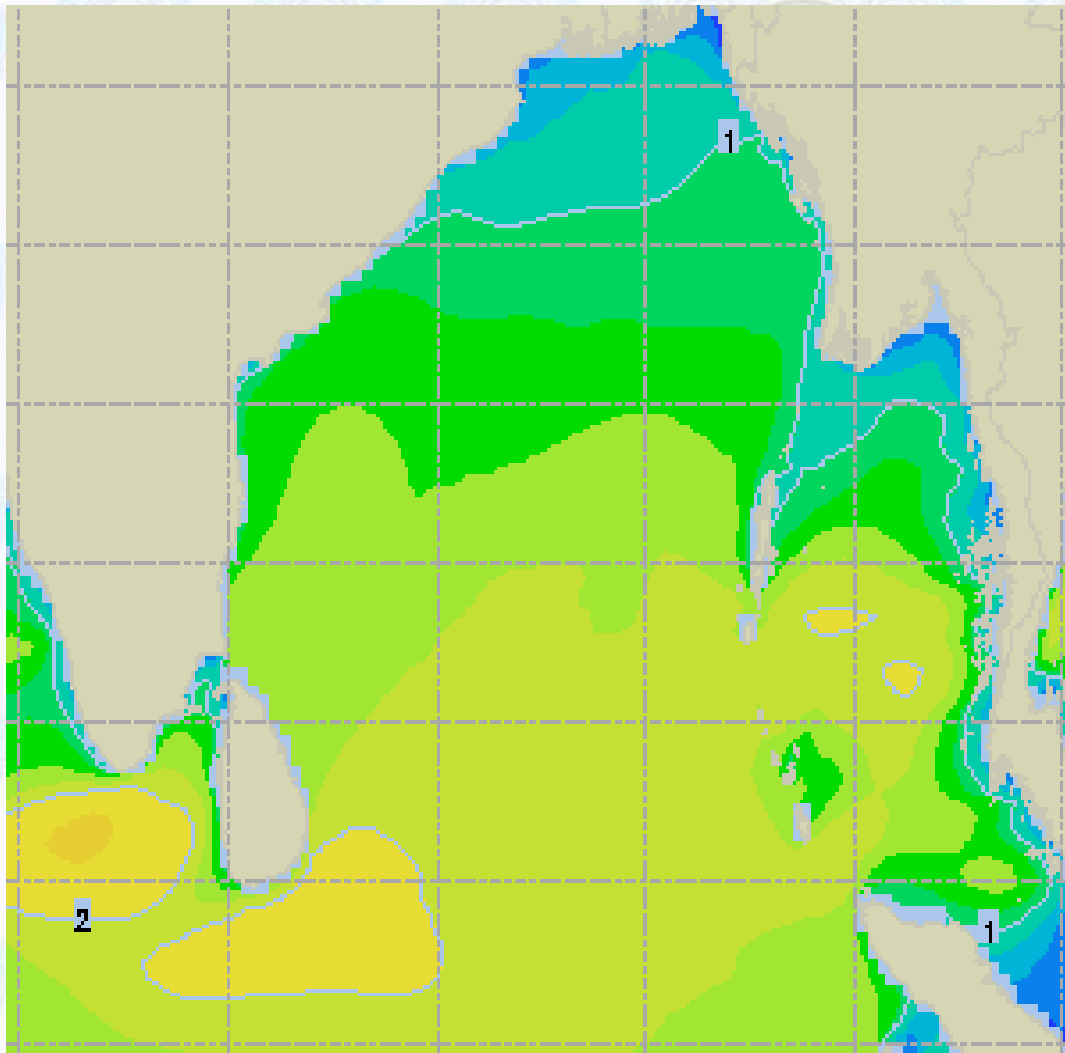
10 Knots



60 Knots



Sea State Forecast – 06 Jan - 2021



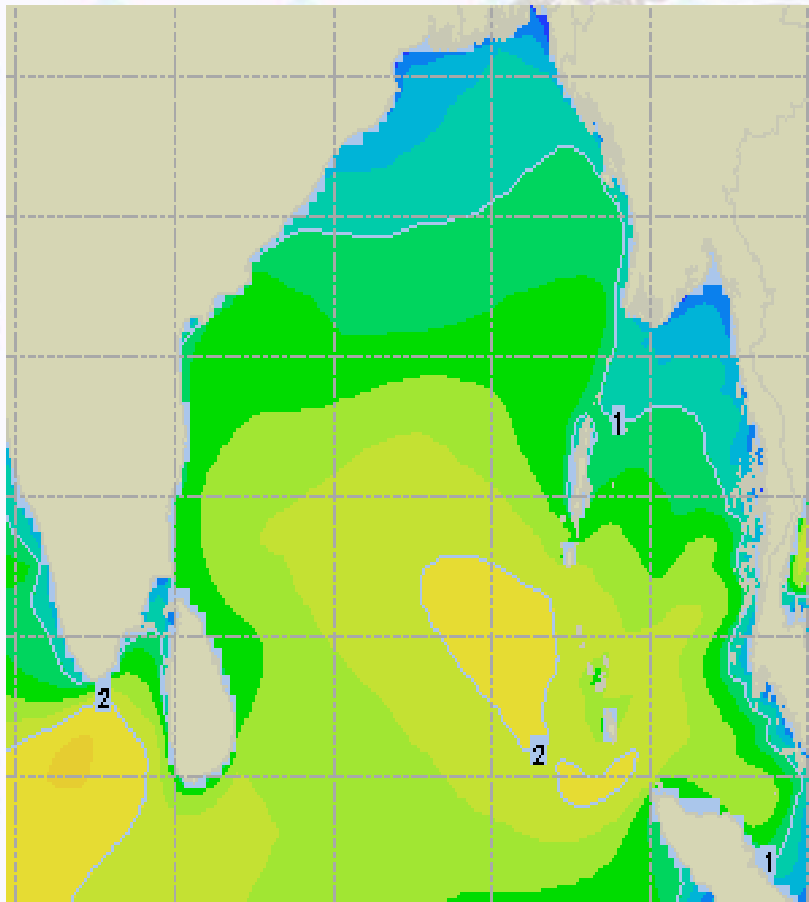
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



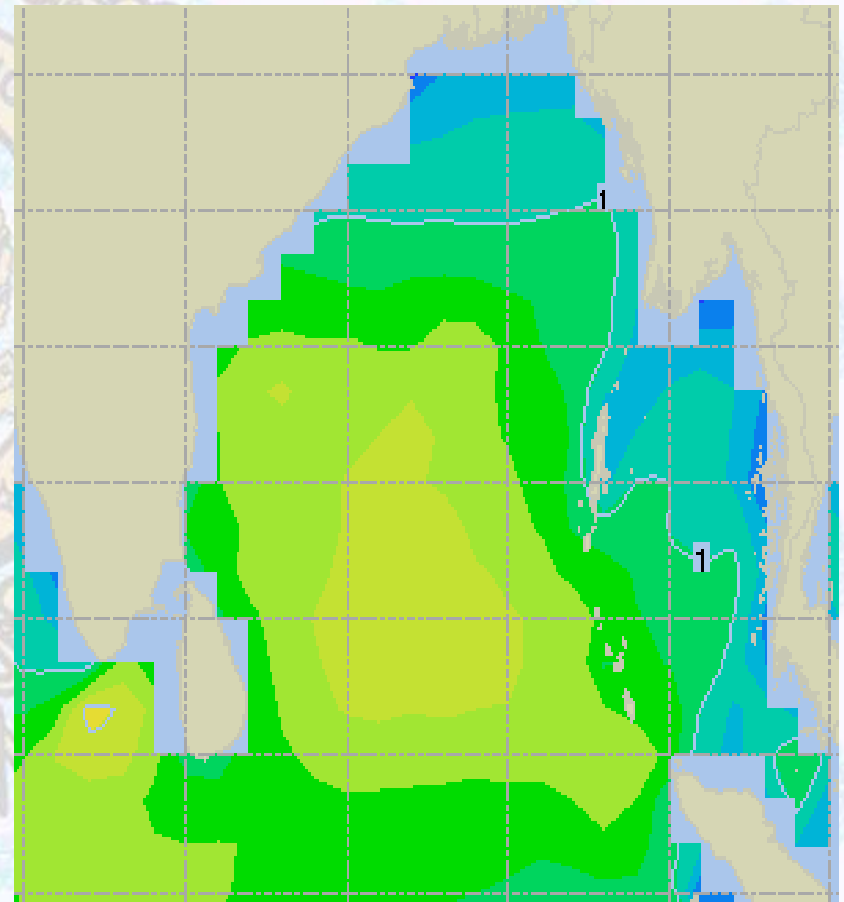


Sea State Forecast – 07 & 08 Jan - 2021

07 Jan 21 Thursday



08 Jan 21 Friday

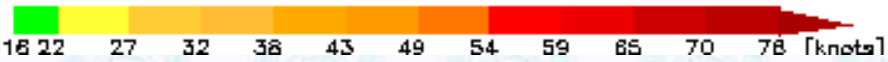
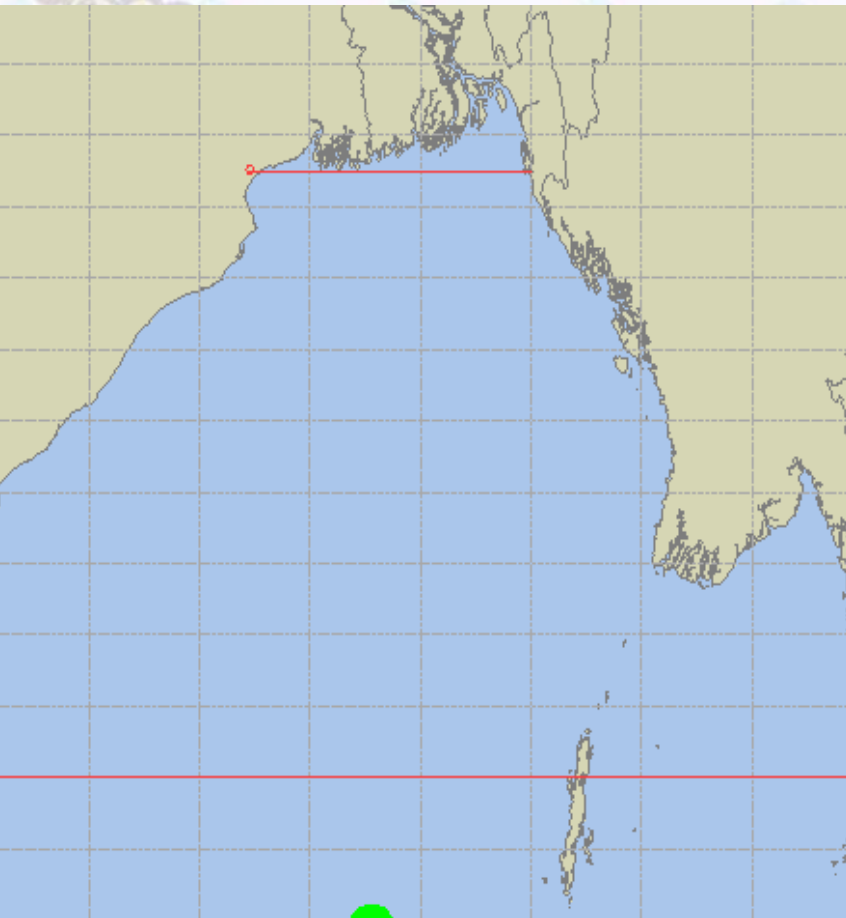
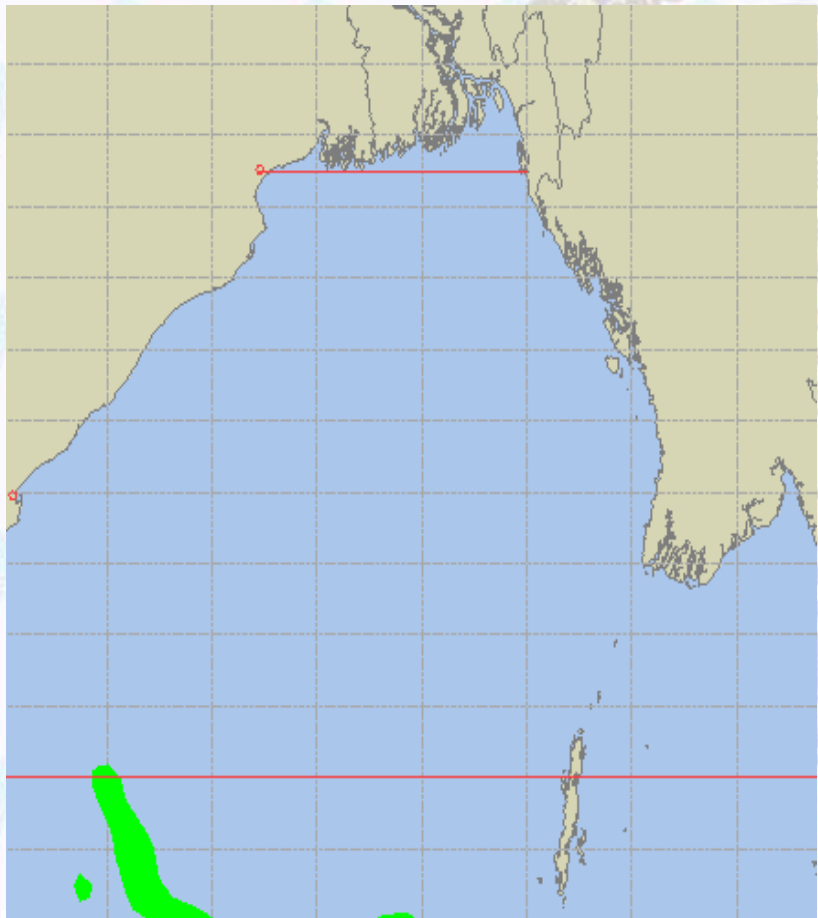




Peak Gusting Possibilities– 06 & 07 Jan 2021

06 Jan 21 Wednesday

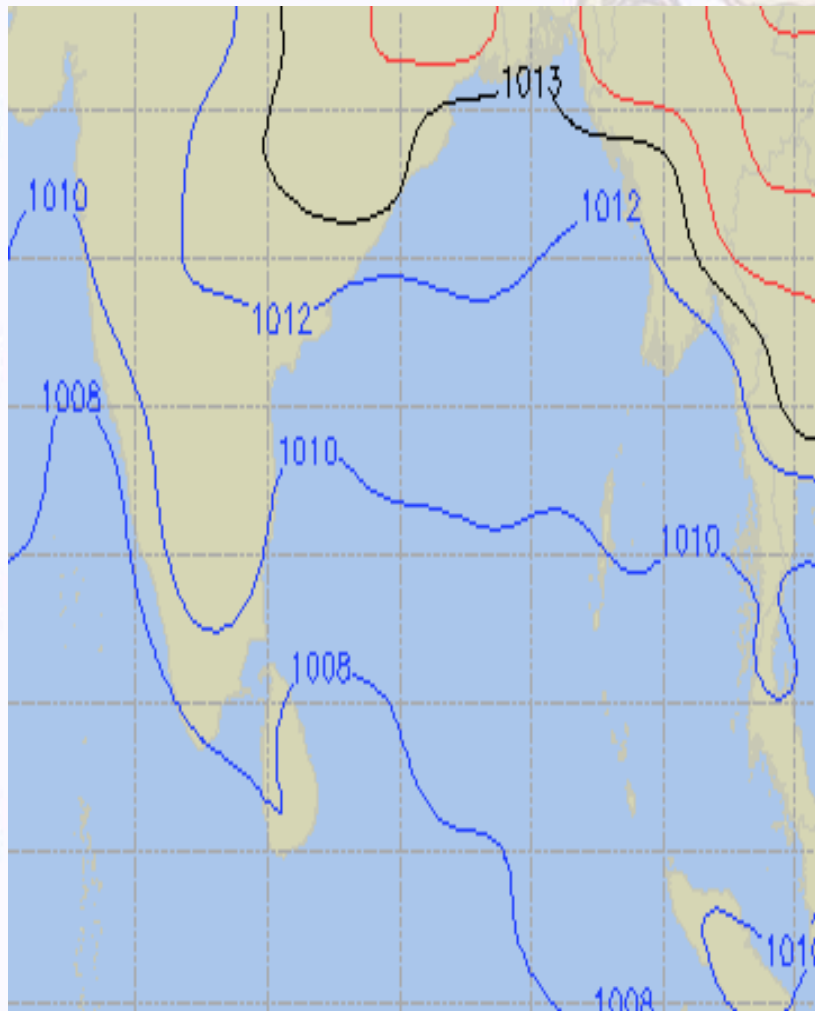
07 Jan 21 Thursday



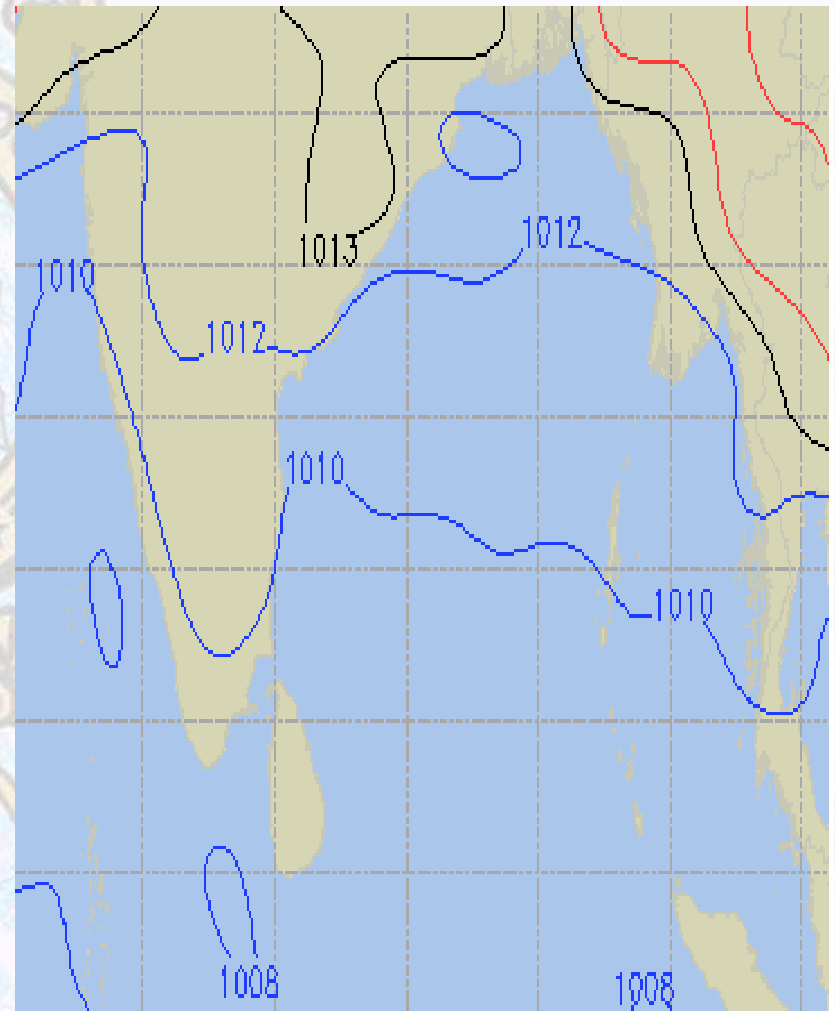


Surface Pressure forecast – 06 & 07 Jan 2021

06 Jan 21 Wednesday



07 Jan 21 Thursday

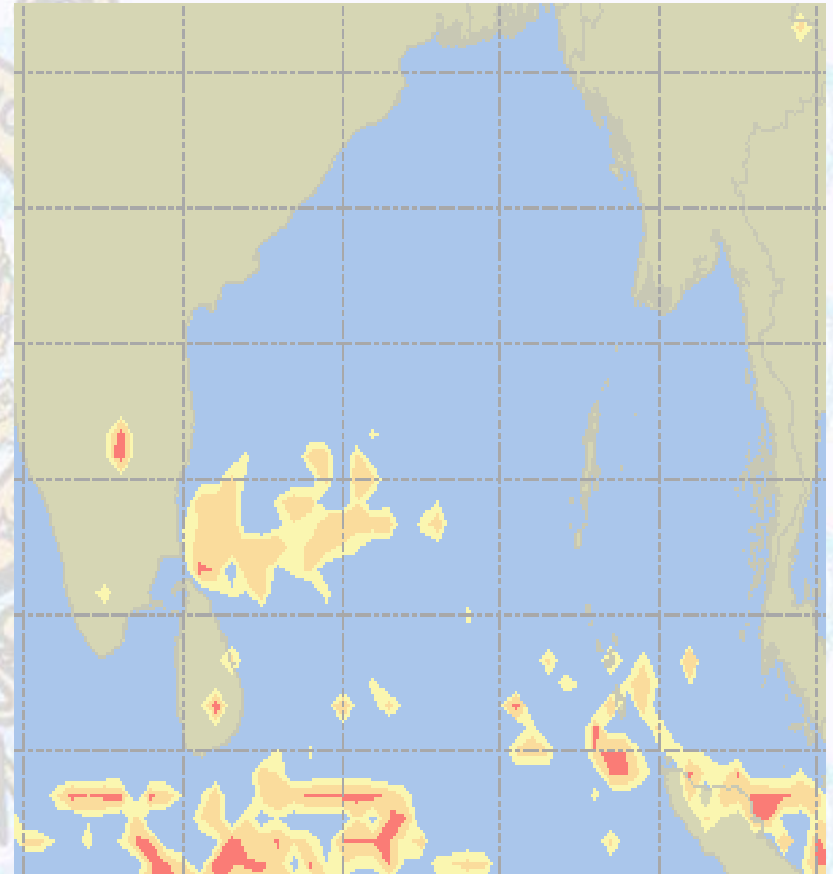
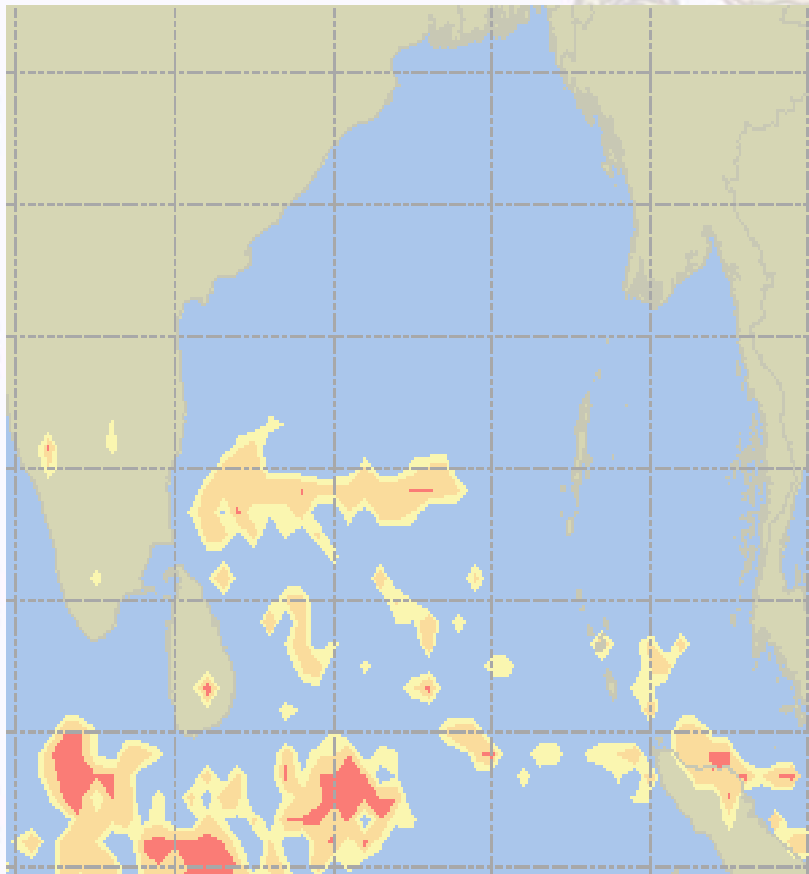




Visibility at Sea Forecast – 06 & 07 Jan 2021

06 Jan 21 Wednesday

07 Jan 21 Thursday



Visibility Scale:



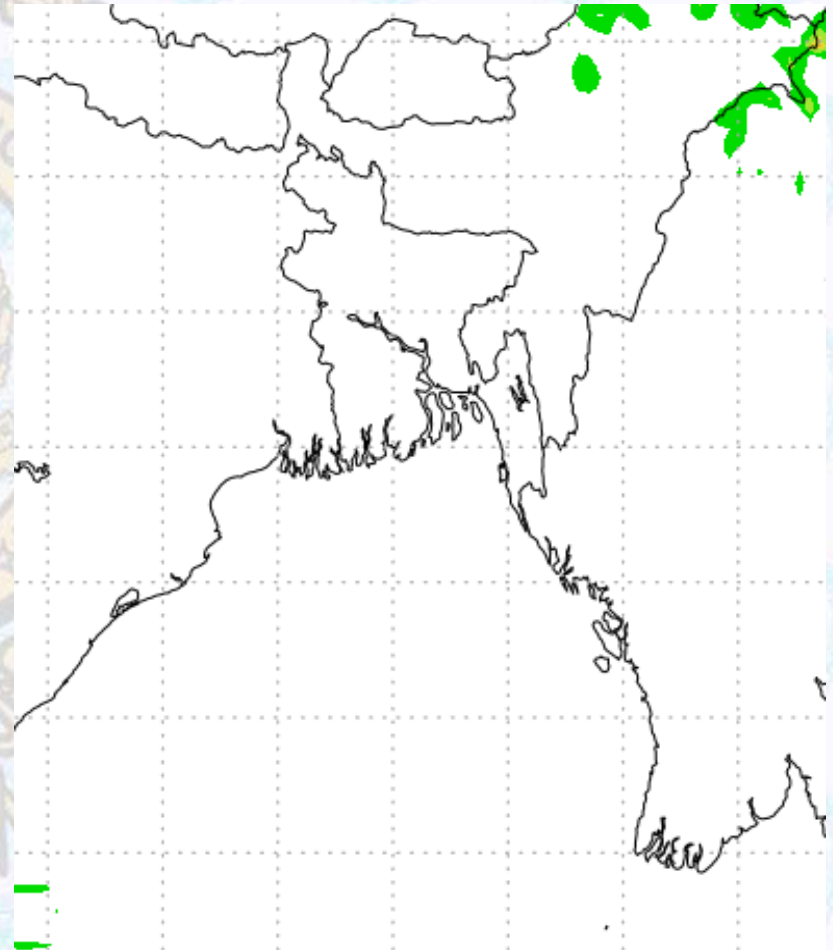
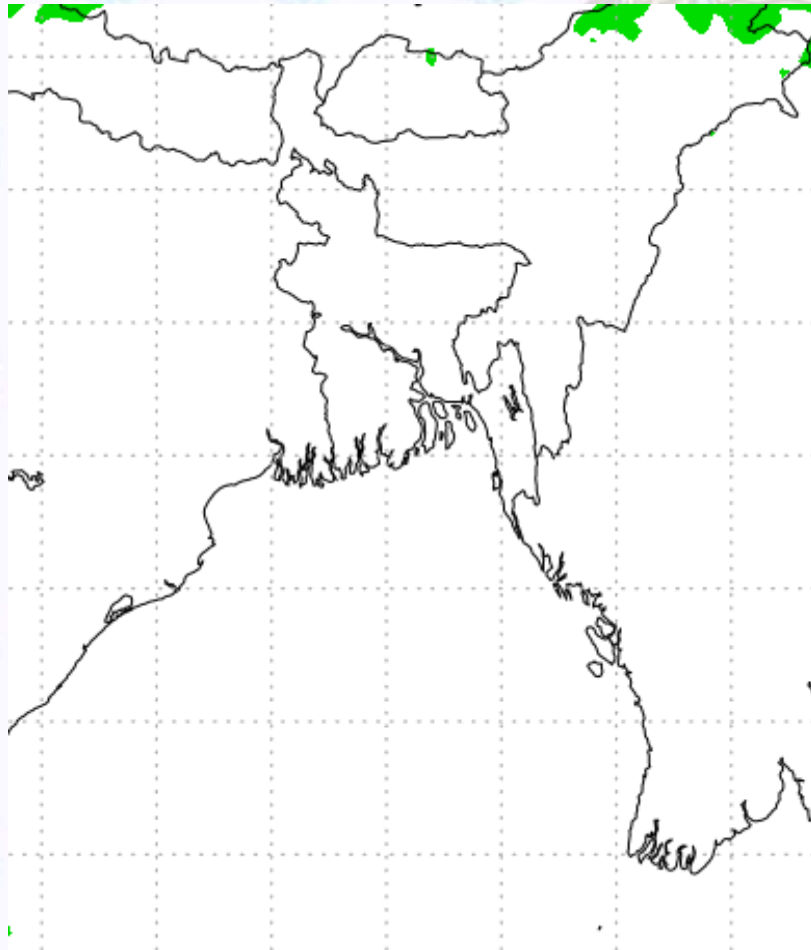
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 06 & 07 Jan 2021

Rain(mm) 07 & 08 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0543		3.85			0322	2.79
06 Jan 2021	1230	0.63		0953	0.70		0947	0.73
	1836	3.75		1559	2.57		1603	2.42
	-	-		2224	0.84		2212	1.04
	Time	Height		Time	Height		Time	Height
		0101		1.00			0424	2.62
07 Jan 2021	0656	3.65		1100	0.76		1050	0.80
	1338	0.68		1711	2.57		1716	2.42
	1952	3.79		2339	0.89		2331	1.12
	Time	Height		Time	Height		Time	Height
		0222		1.01			0535	2.51
08 Jan 2021	0815	3.52		1214	0.76		1203	0.82
	1450	0.70		1828	2.67		1836	2.48
	2106	3.90		-	-		-	-