



WEATHER FORECAST FOR BN

04 JAN - 07 JAN 2021





WEATHER FORECAST – DHAKA

04.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 16	25 / 15	22 / 16	20 / 16
Wind	5 km/h NW	6 km/h W	2 km/h WNW	2 km/h NW
Humidity	55%	54%	70%	79%
Chance of Precip	1%	1%	3%	5%
Cloud Cover	20%	26%	22%	18%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 41 AM 17: 23 PM			

Conditions

Pressure : 1016 hpa

Visibility : 4.25 km

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



WEATHER FORECAST – CHATTOGRAM

04.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 17	26 / 16	21 / 17	19 / 17
Wind	6 km/h WNW	7 km/h W	4 km/h WNW	2 km/h N
Humidity	53%	58%	81%	87%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	13%	17%	13%	10%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 32 AM			
Sunset	17: 20 PM			

Conditions

Pressure : 1015 hpa

Visibility : 3:22 Km

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



WEATHER FORECAST – KHULNA

04.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 14	27 / 14	20 / 15	17 / 14
Wind	6 km/h NNW	6 km/h NNW	2 km/h N	1 km/h NNW
Humidity	44%	45%	72%	81%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	4%	13%	4%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 29 PM			

Conditions

Pressure : 1015 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	05 Jan 2021	06 Jan 2021	07 Jan 2021
Temperature (C)	28°C/ 16°C	28°C/ 18°C	29°C/ 18°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h42m24s/17h25m36s	6h42m24s/17h25m36s	6h42m24s/17h25m36s
Day Length	10h43m12s	10h43m12s	10h43m12s
Moon Rise/ Set	11:27PM 11:14AM	11:11 PM 11:51AM	12:26AM 12:29PM
Moon Phase/ illu	Waning Gibbous, 60%	Last Quarter, 49%	Waning Crescent, 37%
NauticalTwilight	05:50,18:14	05:50,18:14	05:50,18:14
Civil Twilight	06:18,17:44	06:18,17:44	06:18,17:44
Humidity	D : 66% N : 77%	D : 63% N : 75%	D : 63% N : 75%
Barometer (mb)	1014	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	6 Km/h NNW	7 Km/h WNW	7 Km/h WSW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	05 Jan 2021	06 Jan 2021	07 Jan 2021
Temperature (C)	29°C/ 15°C	29°C/ 16°C	29°C/ 16°C
Summary	Partly Cloudy / Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h33m30s/17h23m00s	6h33m30s/17h23m00s	6h33m30s/17h23m00s
Day Length	10h49m30s	10h49m30s	10h49m30s
Moon Rise/ Set	11:27PM 11:14AM	11:11 PM 11:51AM	12:26AM 12:29PM
Moon Phase/ illu	Waning Gibbous, 60%	Last Quarter, 49%	Waning Crescent, 37%
Nautical Twilight	05:42 18:11	05:42 18:11	05:42 18:11
Civil Twilight	06:10, 17:43	06:10, 17:43	06:10, 17:43
Humidity	D : 66% N : 86%	D : 67% N : 86%	D : 63% N : 77%
Barometer (mb)	1014	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	7 Km/h NNW	8 Km/h NNW	8 Km/h NNW

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



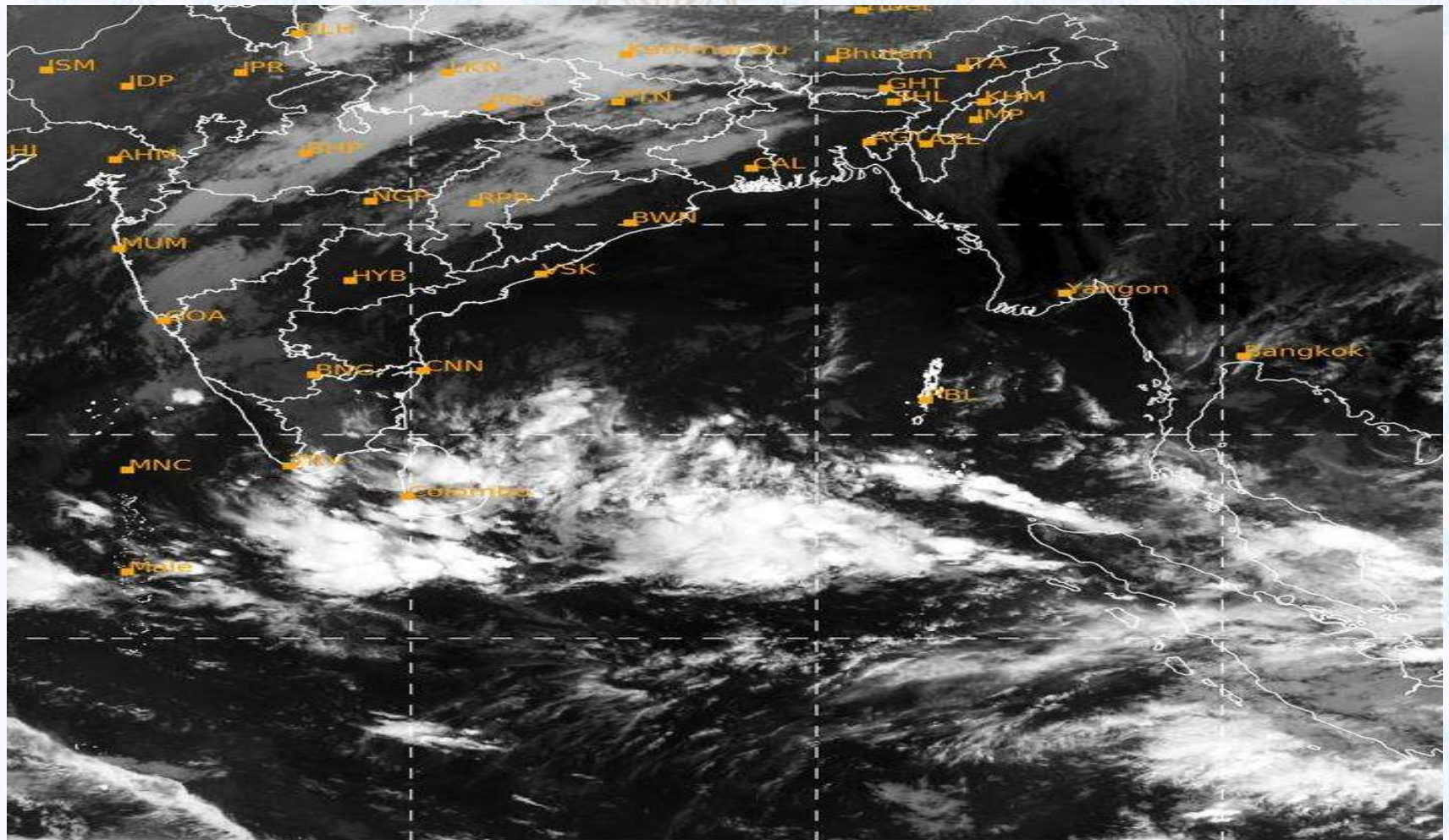
GENERAL WEATHER FORECAST – KHULNA

Description	05 Jan 2021	06 Jan 2021	07 Jan 2021
Temperature(C)	28°C/ 16°C	29°C/ 16°C	30°C/ 19°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h43m42s/17h31m00s	6h43m42s/17h31m00s	6h43m42s/17h31m00s
Day Length	10h47m18s	10h47m18s	10h47m18s
Moon Rise/Set	11:27PM 11:14AM	11:11 PM 11:51AM	12:26AM 12:29PM
Moon Phase/illu	Waning Gibbous, 60%	Last Quarter, 49%	Waning Crescent, 37%
NauticalTwilight	05:52, 18:19	05:52, 18:19	05:52, 18:19
Civil Twilight	06:20, 17:50	06:20, 17:50	06:20, 17:50
Humidity	D : 63% N : 79%	D : 59% N : 79%	D : 59% N : 79%
Barometer (mb)	1014	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	8 km/h NNW	7 km/h WNW	7 km/h WNW

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



SATELLITE VIEW OF BAY OF BENGAL

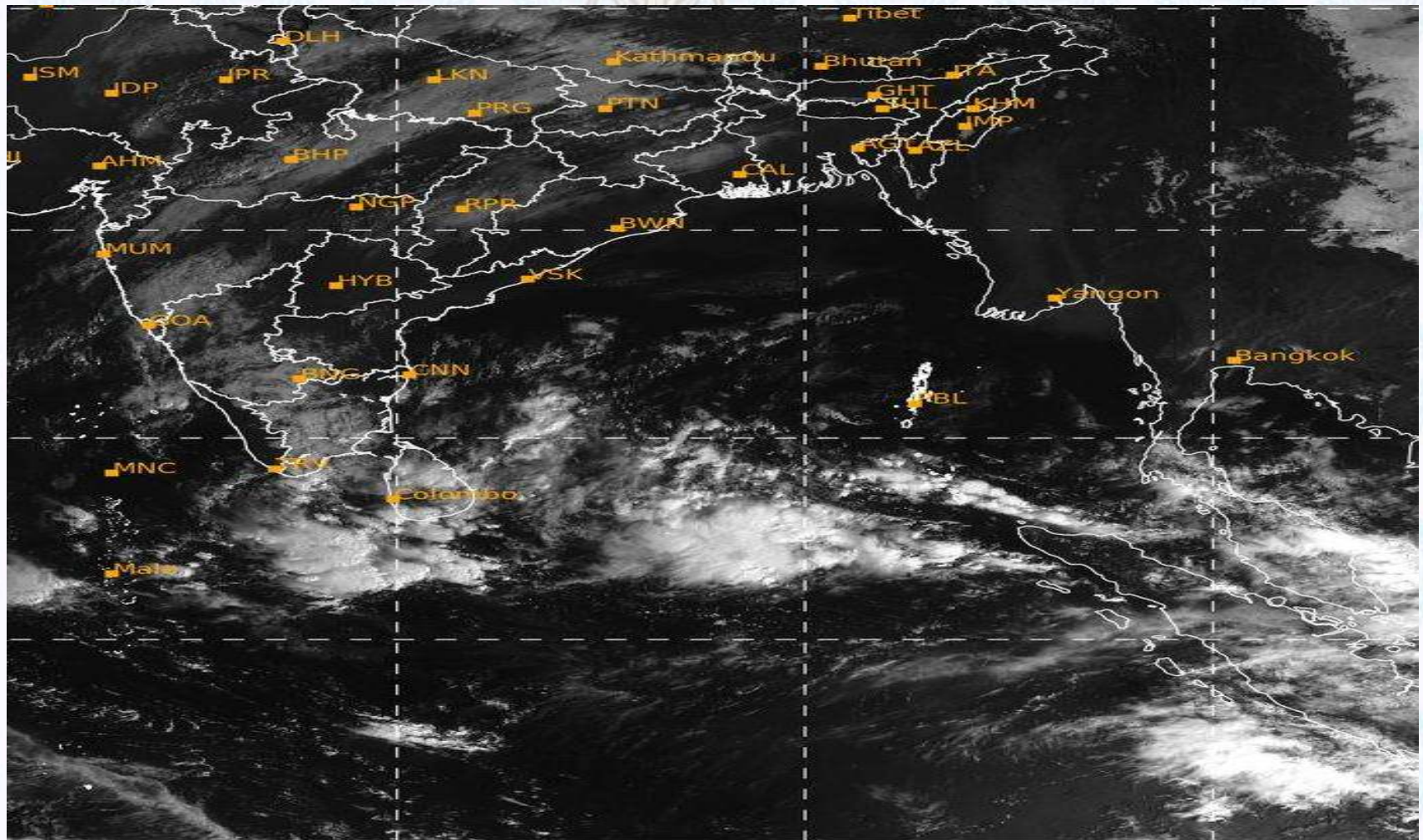


04/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



04/01/2021, 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 04.01.2021)

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 = 04,0000 UTC. CHATTOGRAM =1015 HPA



Inland River Port Warning (VALID TILL 06 PM OF 04.01.2020)

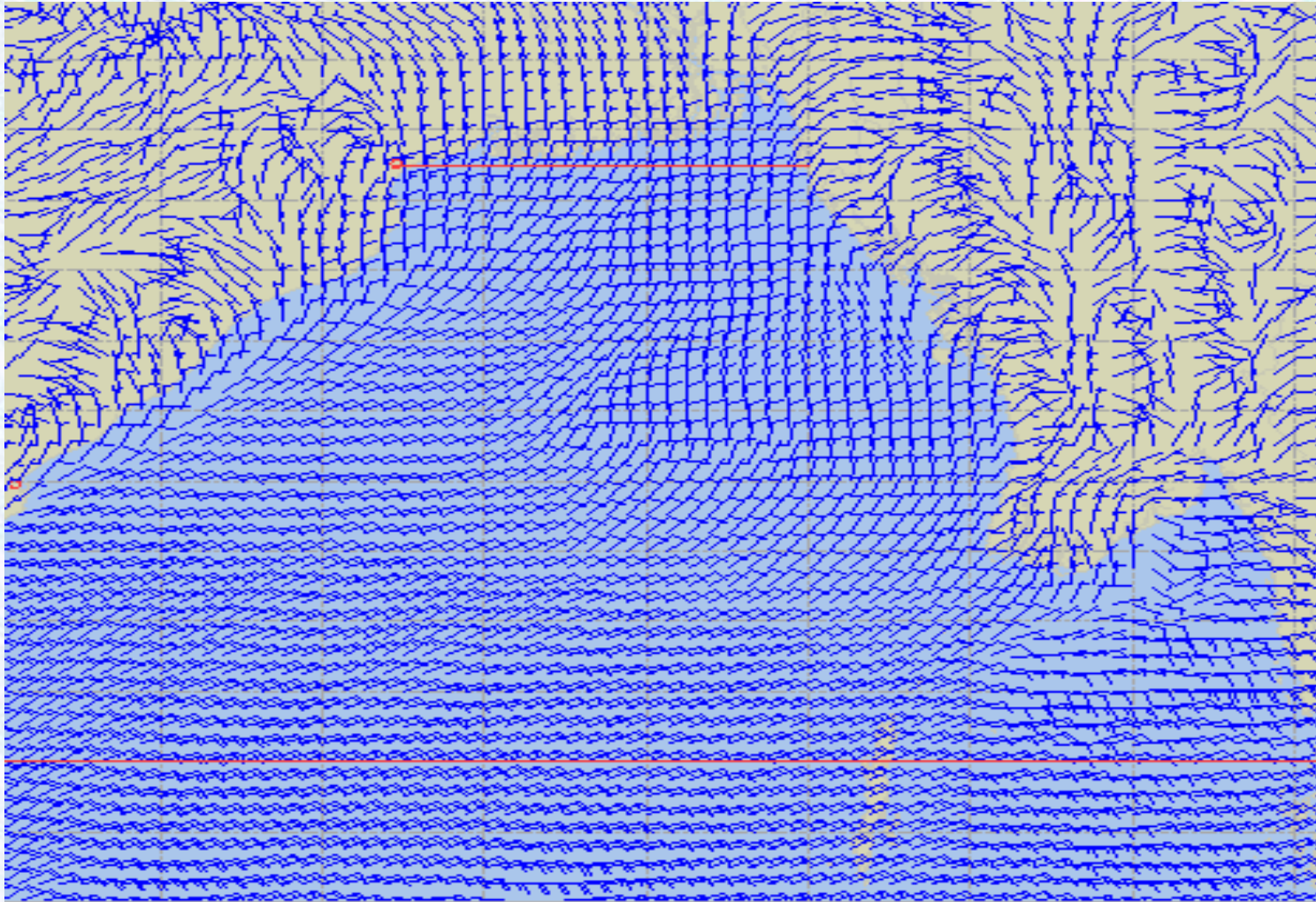
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 05 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



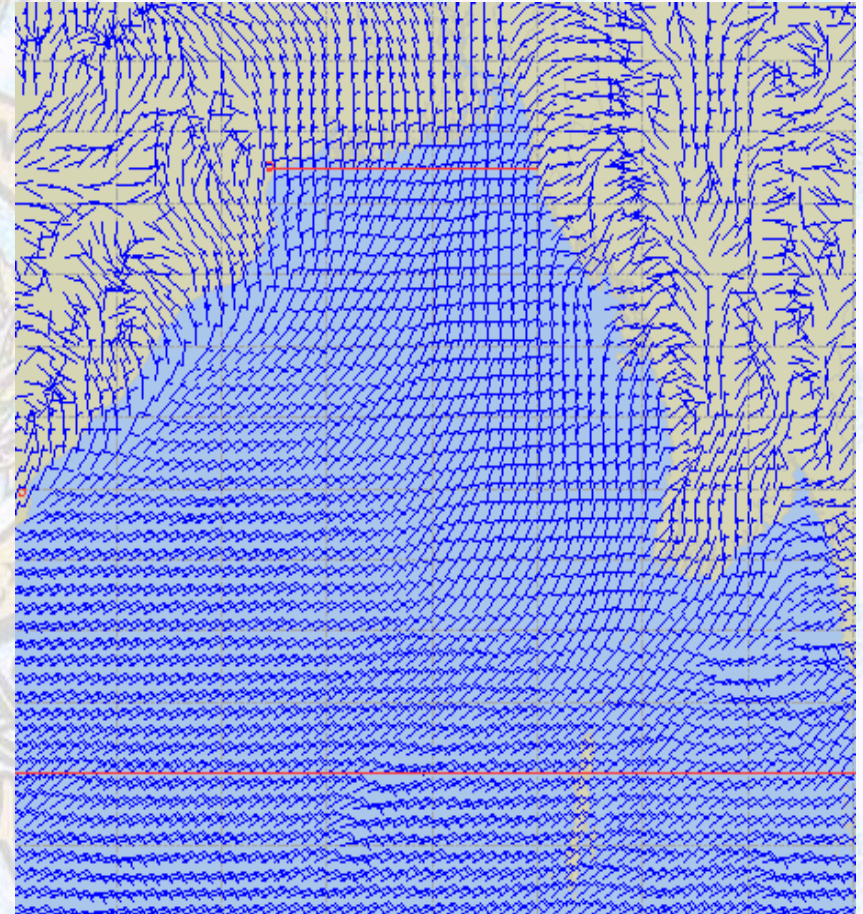
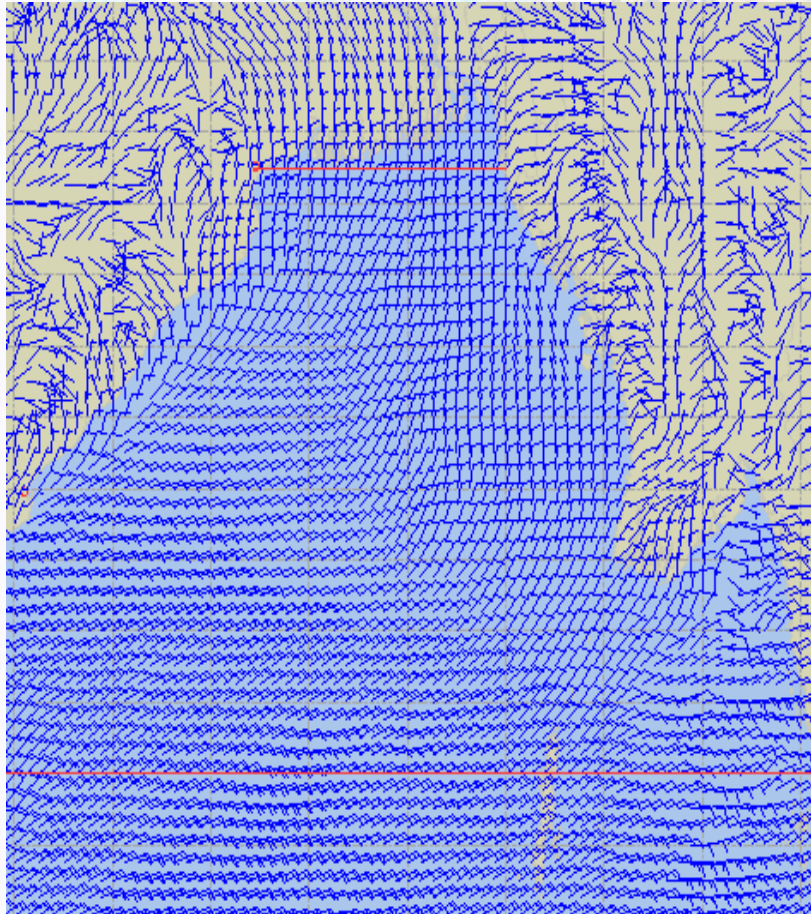
60 Knots



Surface Wind Forecast – 06 & 07 Jan - 2021

06 Jan 21 Wednesday

07 Jan 21 Thursday



Legend:



Calm
Winds



5 Knots



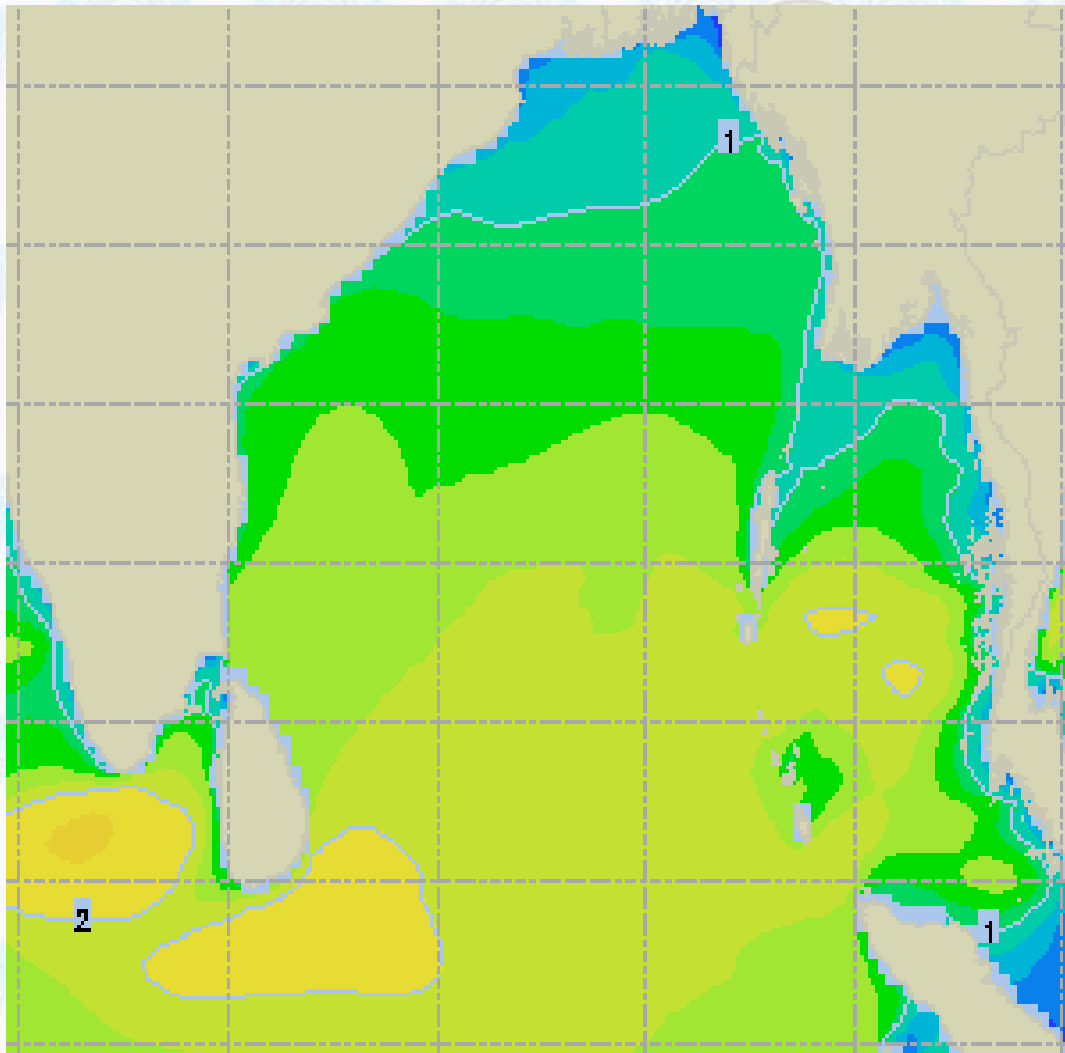
10 Knots



60 Knots



Sea State Forecast – 05 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

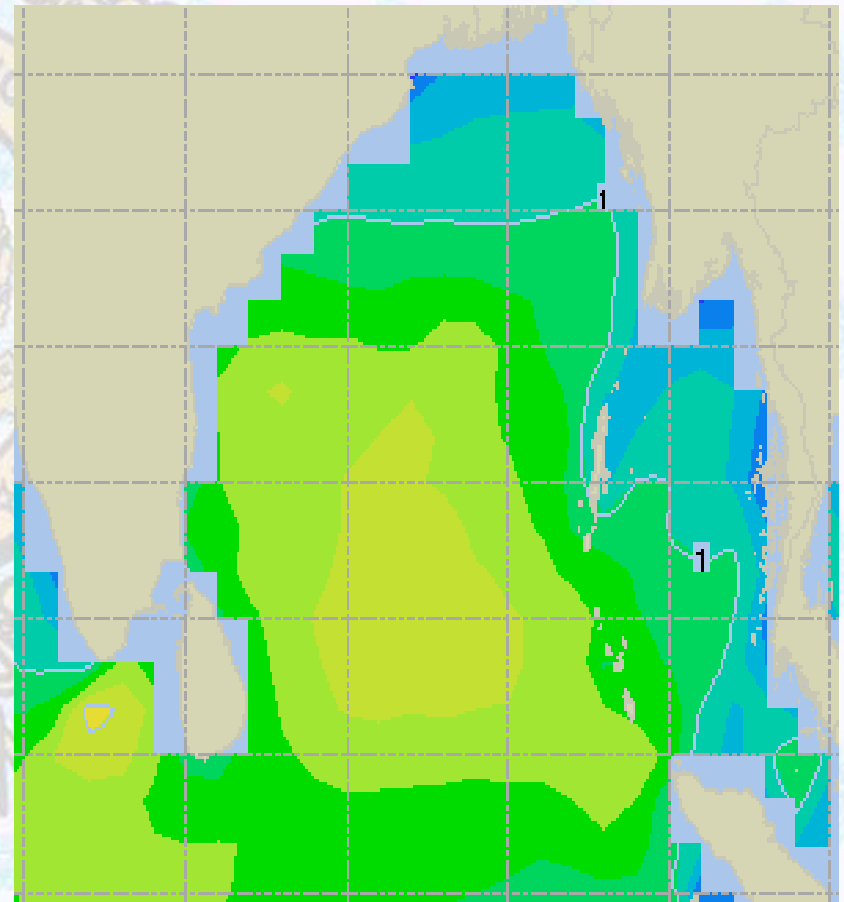
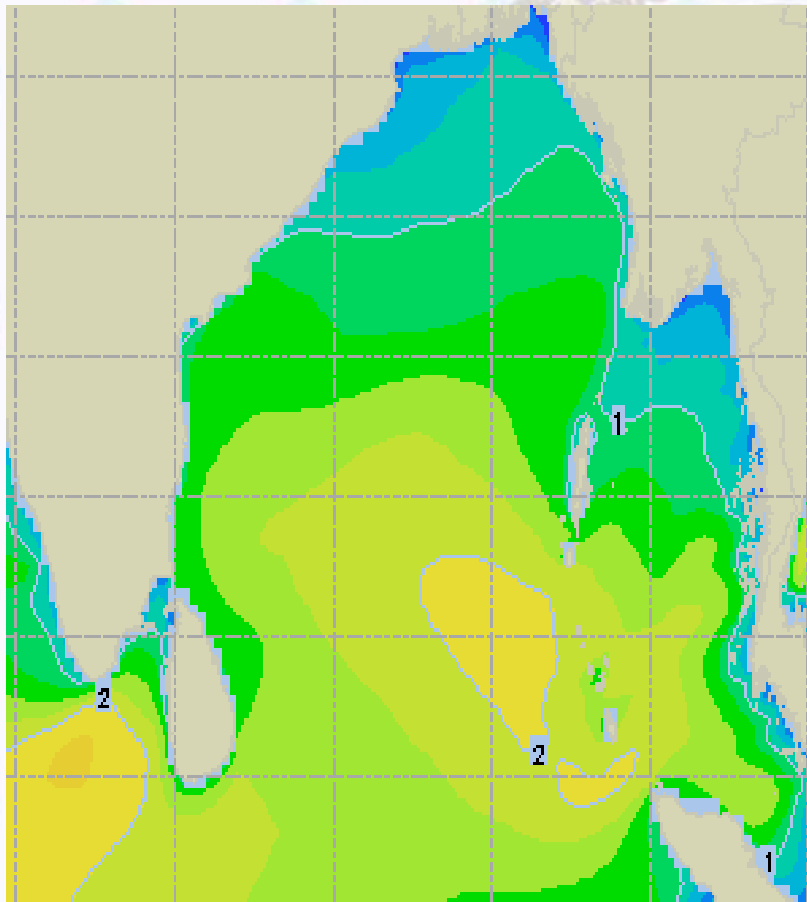




Sea State Forecast – 06 & 07 Jan - 2021

06 Jan 21 Wednesday

07 Jan 21 Thursday

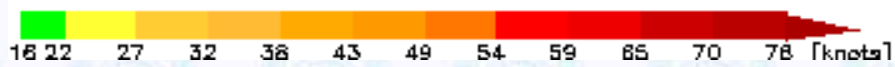
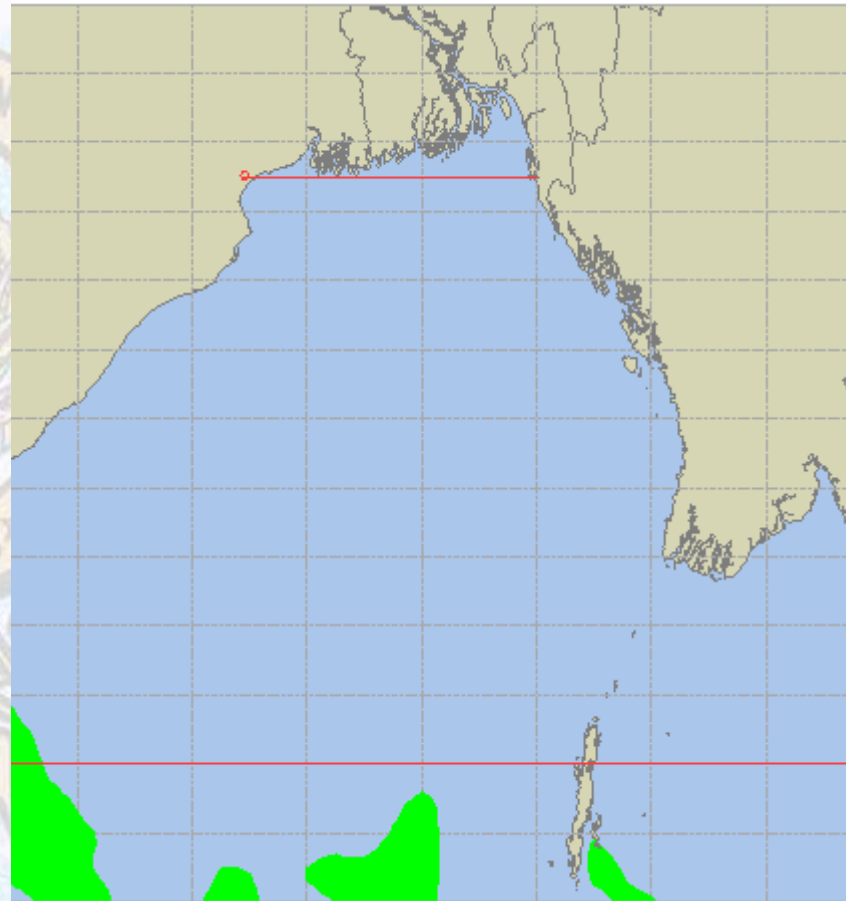
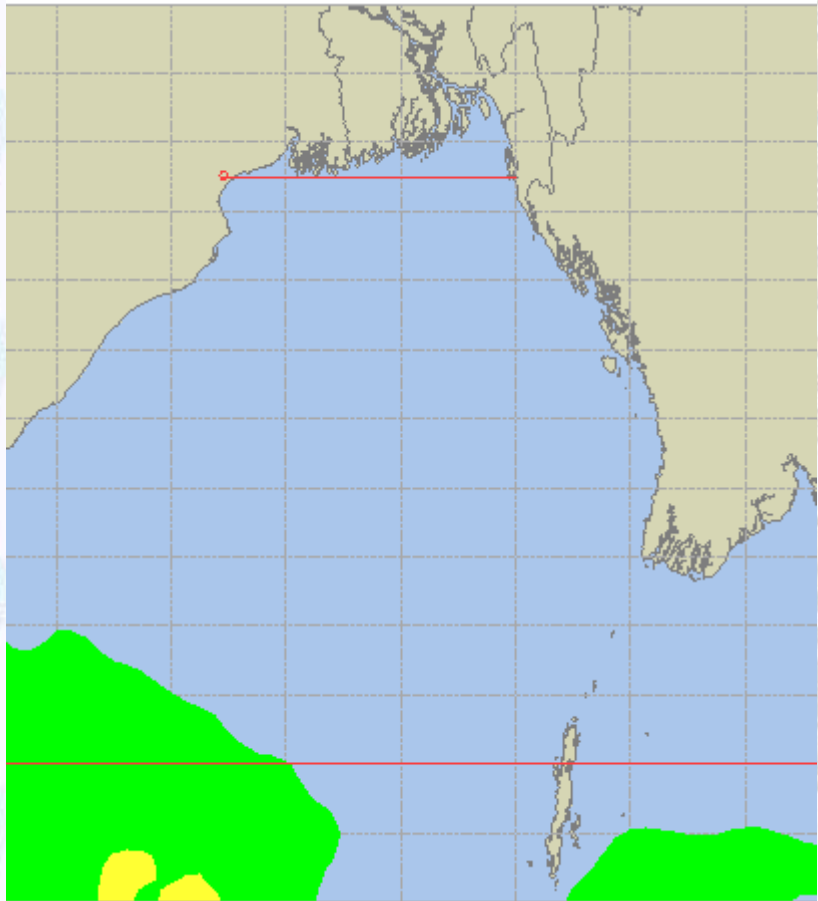




Peak Gusting Possibilities– 05 & 06 Jan 2021

05 Jan 21 Monday

06 Jan 21 Wednesday

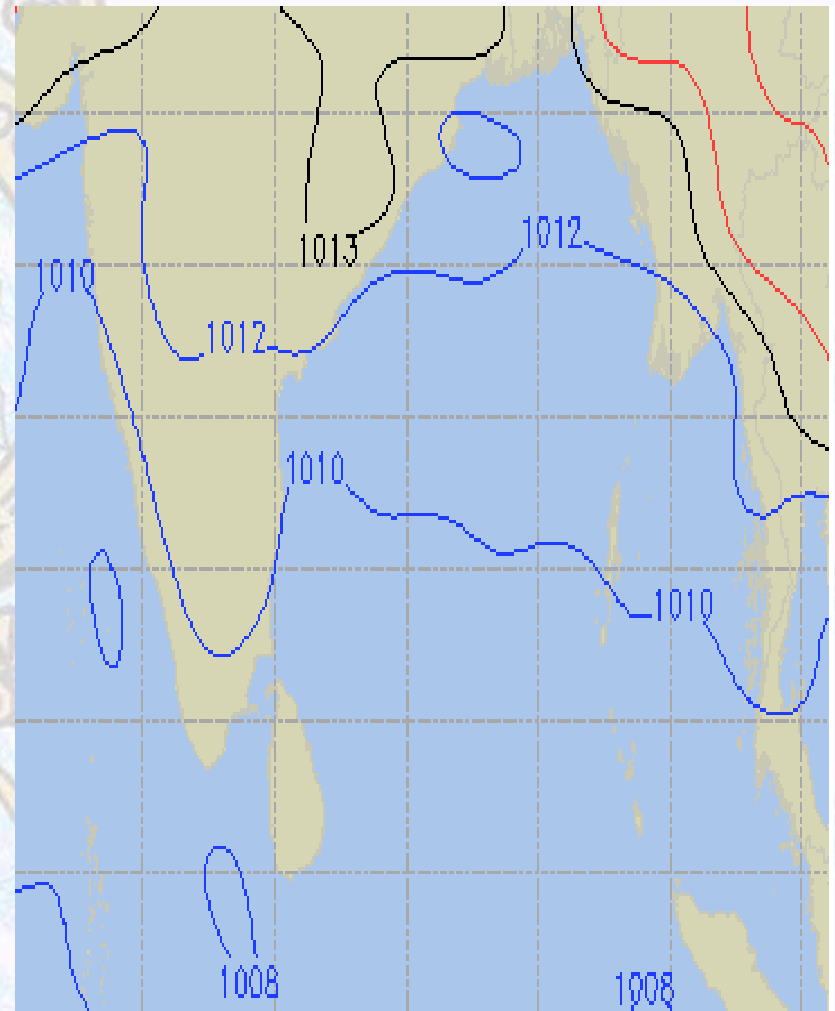
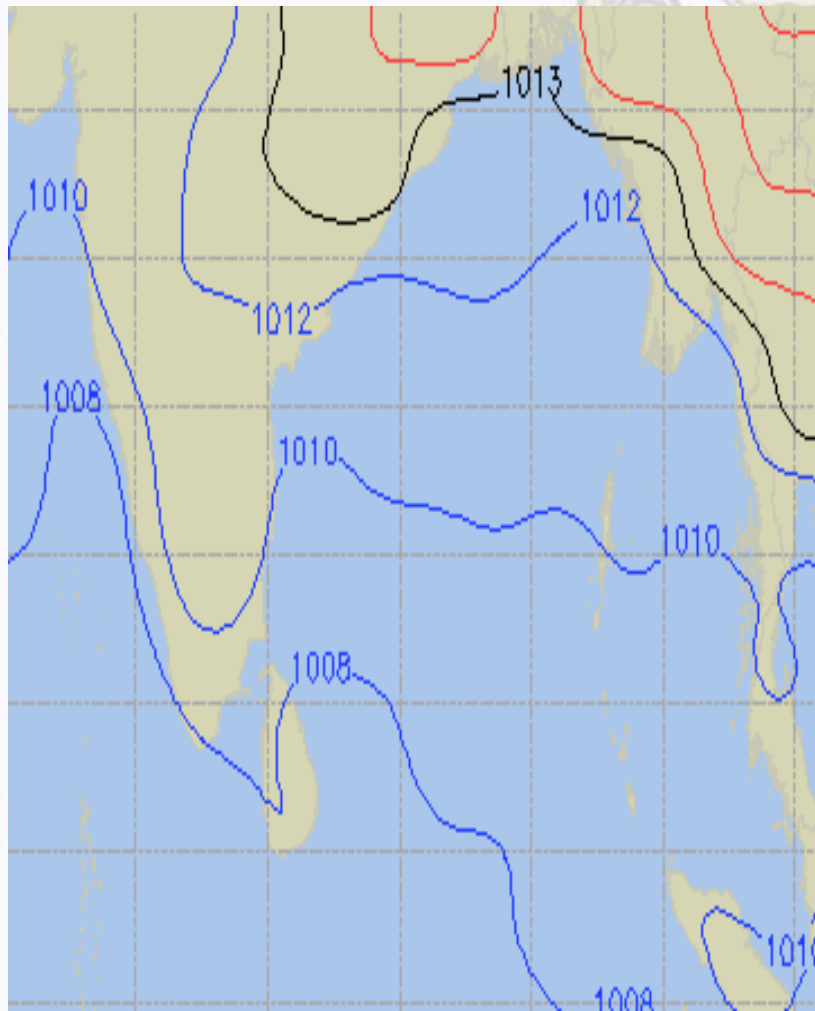




Surface Pressure forecast – 05 & 06 Jan 2021

05 Jan 21 Tuesday

06 Jan 21 Wednesday

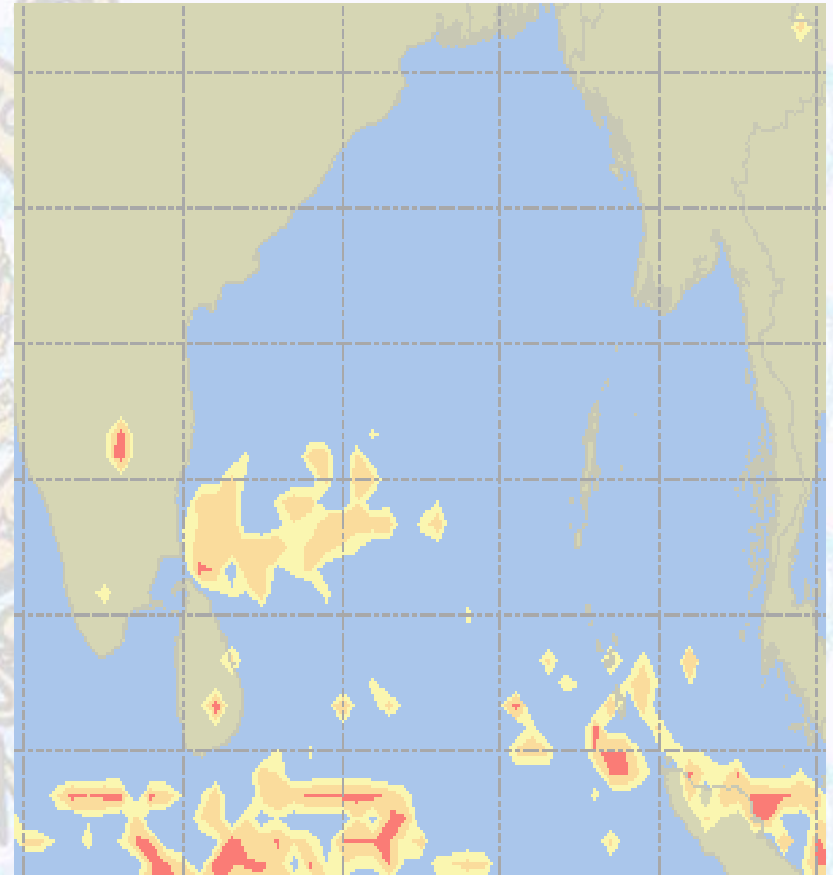
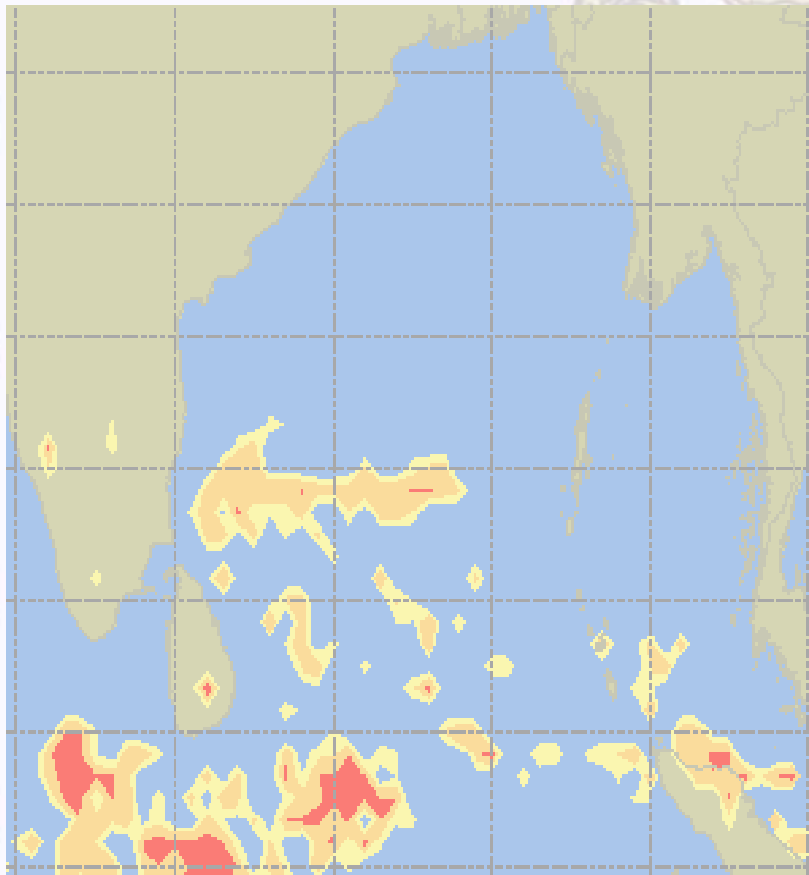




Visibility at Sea Forecast – 05 & 06 Jan 2021

05 Jan 21 Tuesday

06 Jan 21 Wednesday



Visibility Scale:

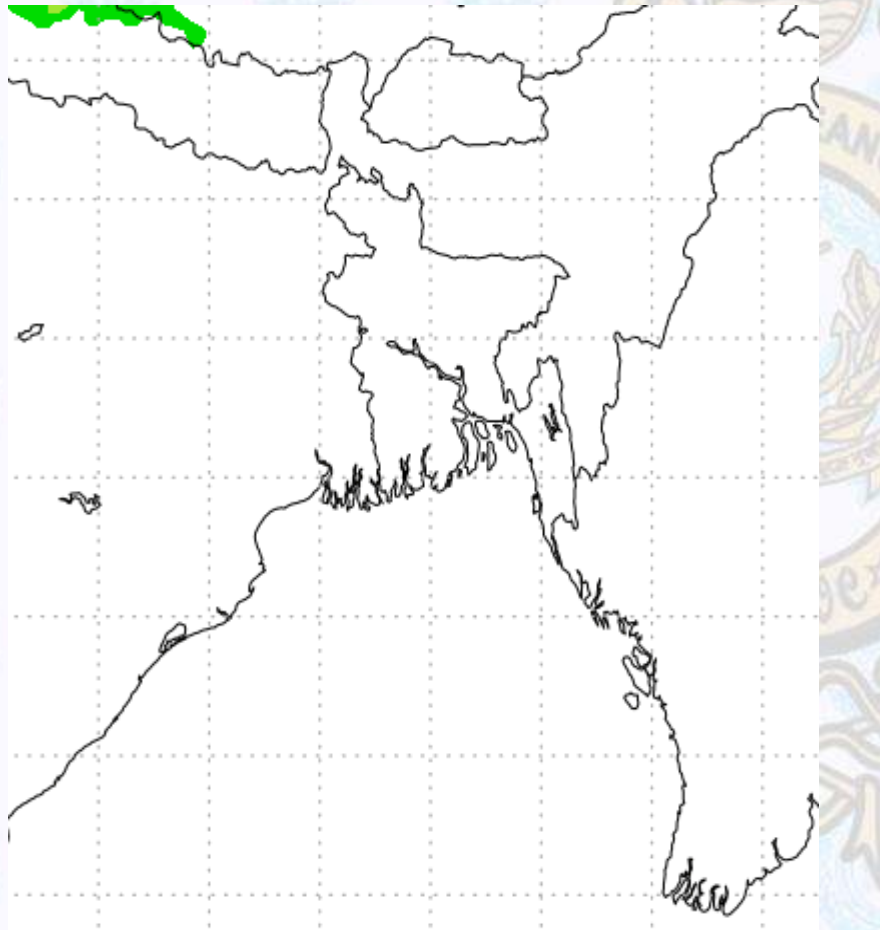


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

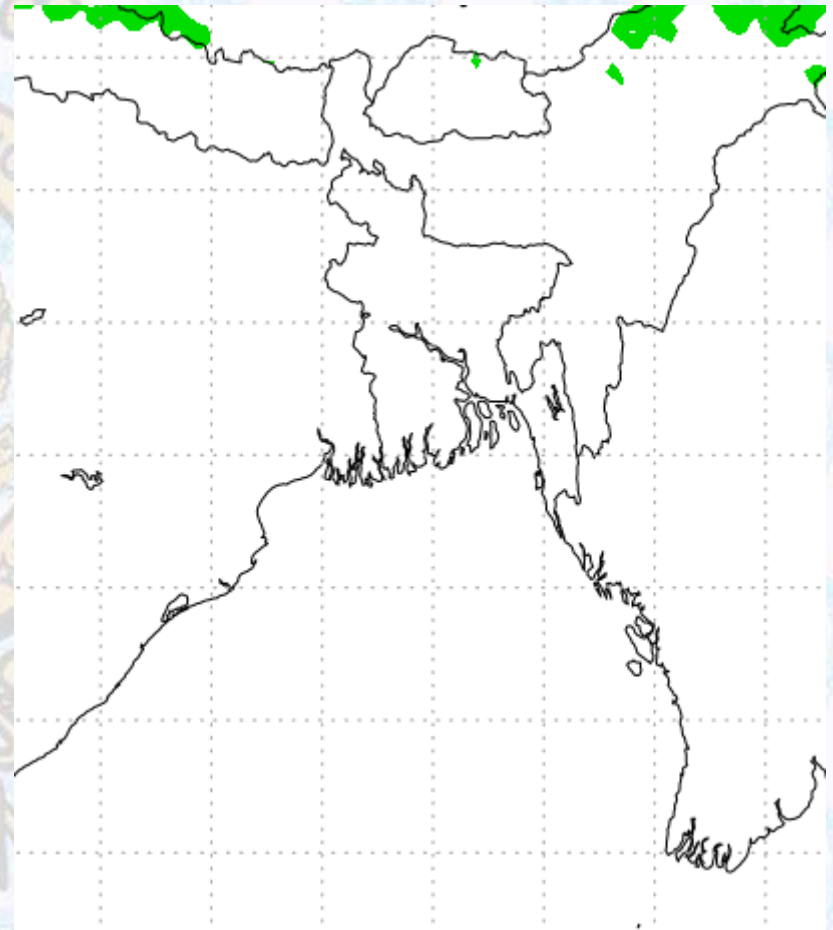


Precipitation

Rain(mm) 05 & 06 Jan 2021



Rain(mm) 06 & 07 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

05 Jan 2021	Time	Height		Time	Height		Time	Height
	0439	4.06		0229	2.97		0219	2.67
	1131	0.57		0900	0.62		0856	0.67
	1726	3.77		1458	2.62		1501	2.45
	2349	0.91		2119	0.76		2108	0.91
06 Jan 2021	Time	Height		Time	Height		Time	Height
	0543	3.85		0322	2.79		0309	2.54
	1230	0.63		0953	0.70		0947	0.73
	1836	3.75		1559	2.57		1603	2.42
	-	-		2224	0.84		2212	1.04
07 Jan 2021	Time	Height		Time	Height		Time	Height
	0101	1.00		0424	2.62		0409	2.39
	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