



# WEATHER FORECAST FOR BN

**03 - 06 FEB 2020**





# WEATHERFORECAST – DHAKA

## 03.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 9	22 / 9	17 / 19	15 / 9
Wind	15 km/h NW	14 km/h WNW	6 km/h WNW	5 km/h NW
Humidity	41%	42%	57%	67%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	25%	18%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 40 AM 5: 46 PM			

### Conditions

Pressure : 1017 hpa

Visibility : 3.54 km

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





# WEATHER FORECAST – CHATTOGRAM

## 03.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 6	23 / 8	20 / 11	17 / 10
Wind	15 km/h NW	15 km/h NW	12 km/h NW	11 km/h NNW
Humidity	32%	37%	56%	63%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	25%	18%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 32 AM 5: 43 PM			

### Conditions

Pressure : 1017 hpa

Visibility : 6.44 Km

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



# WEATHER FORECAST – KHULNA

## 03.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 8	23 / 8	17 / 10	15 / 10
Wind	12 km/h NW	12 km/h NW	4 km/h NNW	3 km/h NNE
Humidity	38%	39%	63%	73%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 42 AM 5: 52 PM			

### Conditions

Pressure : 1018 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	04 Feb 2020	05 Feb 2020	06 Feb 2020
<b>Temperature (C)</b>	24°C/ 14°C	23°C/ 14°C	26°C/ 16°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h38m12s/17h46m24s	6h37m54s/17h47m00s	6h37m24s/17h47m36s
<b>Day Length</b>	11h08m12s	11h09m06s	11h10m12s
<b>Moon Rise/ Set</b>	1:04 AM 1:49AM	1:52 AM 2:46AM	2:45 AM 3:45AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 69%	Waxing Gibbous, 78%	Waxing Gibbous, 87%
<b>NauticalTwilight</b>	0547,1837	0547,1837	0546,1838
<b>Civil Twilight</b>	0614,1810	0614,1810	0613,1811
<b>Humidity</b>	D : 57%    N : 72%	D : 62%    N : 74%	D : 60%    N : 70%
<b>Barometer (mb)</b>	1017	1015	1014
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	1%	10%
<b>Wind (mph)</b>	9 Km/h NW	9 Km/h WNW	6 Km/h NNE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	04 Feb 2020	05 Feb 2020	06 Feb 2020
<b>Temperature (C)</b>	25°C/ 13°C	25°C/ 15°C	27°C/ 17°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h30m24s/17h42m42s	6h30m06s/17h43m12s	6h29m42s/17h43m48s
<b>Day Length</b>	11h12m18s	11h13m06s	11h14m06s
<b>Moon Rise/ Set</b>	1:00 AM 1:41 AM	1:48 AM 2:37AM	2:42AM 3:36AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 69%	Waxing Gibbous.78%	Waxing Gibbous.87%
<b>NauticalTwilight</b>	0540, 1832	0540, 1833	0539, 1833
<b>Civil Twilight</b>	0607.,1806	0606.,1806	0606.,1807
<b>Humidity</b>	D : 52% N : 71%	D : 57% N : 71%	D : 54% N : 65%
<b>Barometer (mb)</b>	1017	1016	1014
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	1%	1%	1%
<b>Wind (mph)</b>	13 km/h NNW	11 km/h NNW	11 km/h N

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





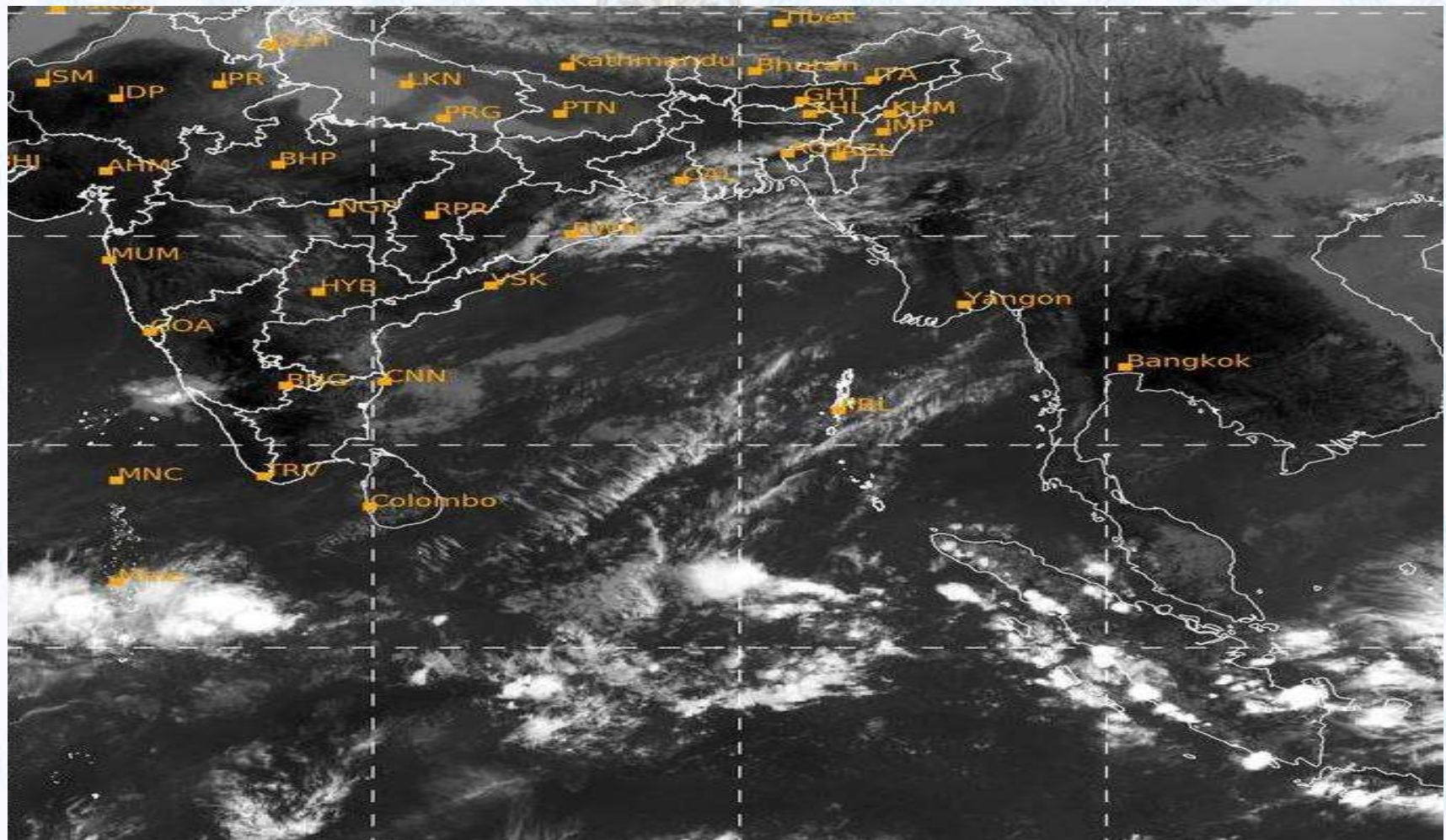
# GENERAL WEATHER FORECAST – KHULNA

Description	04 Feb 2020	05 Feb 2020	06 Feb 2020
<b>Temperature(C)</b>	24°C/ 14°C	23°C/ 13°C	25°C/ 16°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h40m18s/17h51m06s	6h39m54s/17h51m42s	6h39m30s/17h52m18s
<b>Day Length</b>	11h10m48s	11h11m48s	11h12m48s
<b>Moon Rise/Set</b>	1:10 AM 1:51 AM	1:58 AM 2:48AM	2:52 AM 3:47AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 69%	Waxing Gibbous, 78%	Waxing Gibbous.87%
<b>NauticalTwilight</b>	0550, 1841	0549, 1842	0549, 1842
<b>Civil Twilight</b>	0616.,1814	0616.,1815	0616.,1815
<b>Humidity</b>	D : 57% N : 71%	D : 62% N : 78%	D : 66% N : 76%
<b>Barometer (mb)</b>	1017	1015	1014
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	11 km/h NNW	8 km/h WNW	8 km/h NNE

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



# SATELLITE VIEW OF BAY OF BENGAL



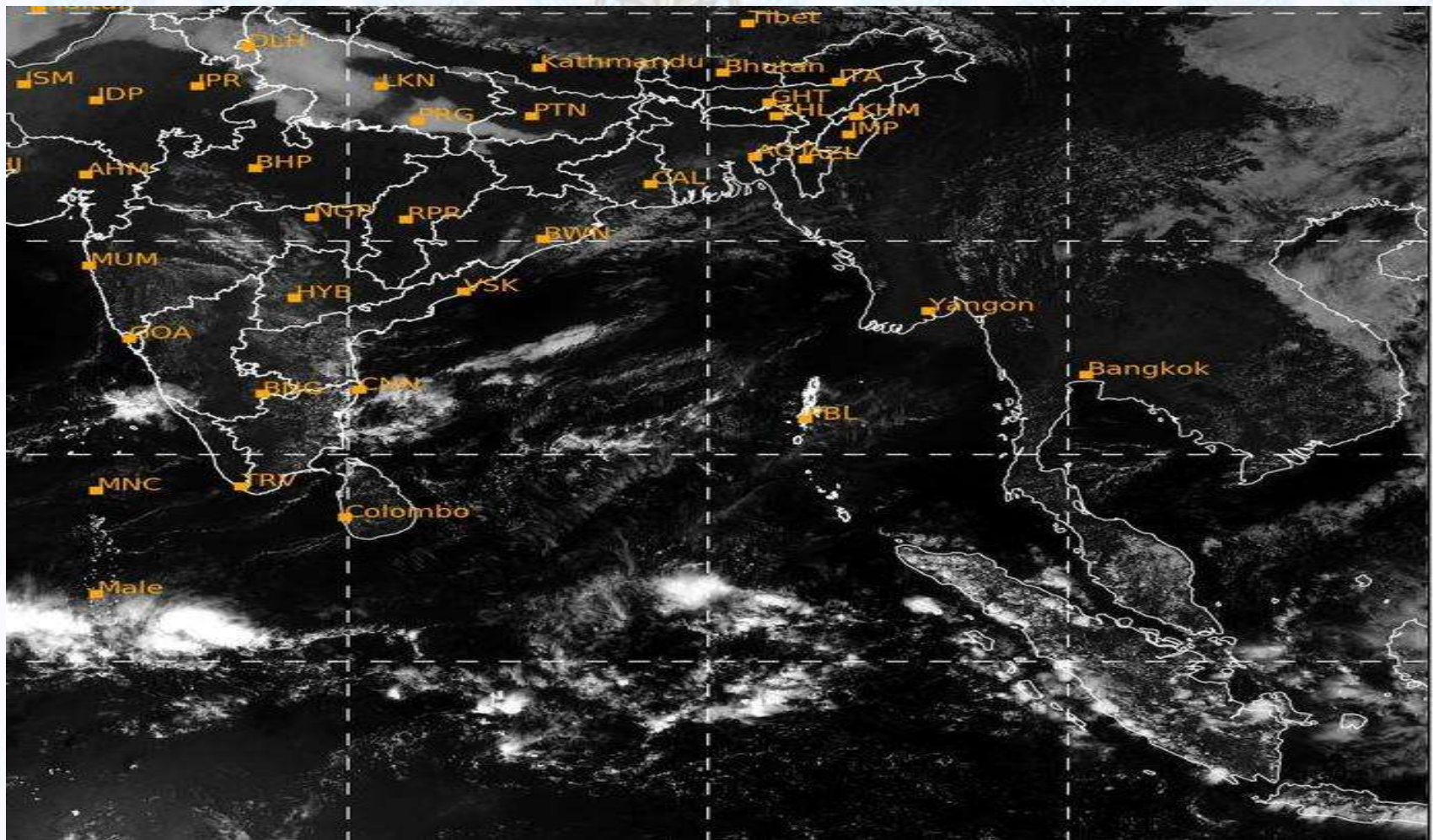
03/02/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



03/02/2020, 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 03.02.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY, 08-12 KTS.
	Visibility	02-04 KMS, REDUCING TO 1000 M OR LESS IN FOG/MIST.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =03,0000 UTC. CHATTOGRAM =1017HPA





# Inland River Port Warning (VALID TILL 06 PM OF 03.02.2020)

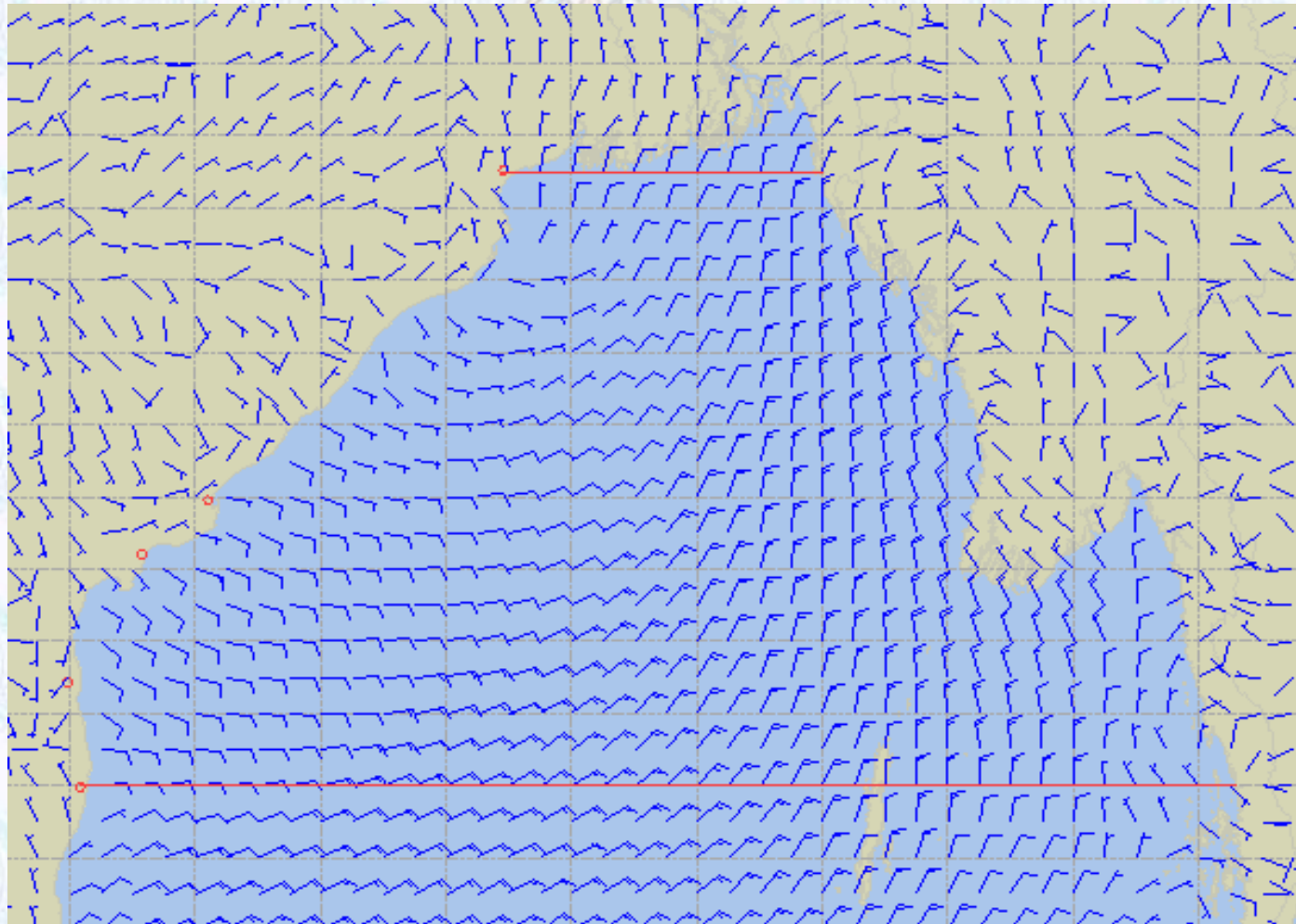
THERE IS NO INLAND RIVERPORTS WARNING & NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 04 Feb - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

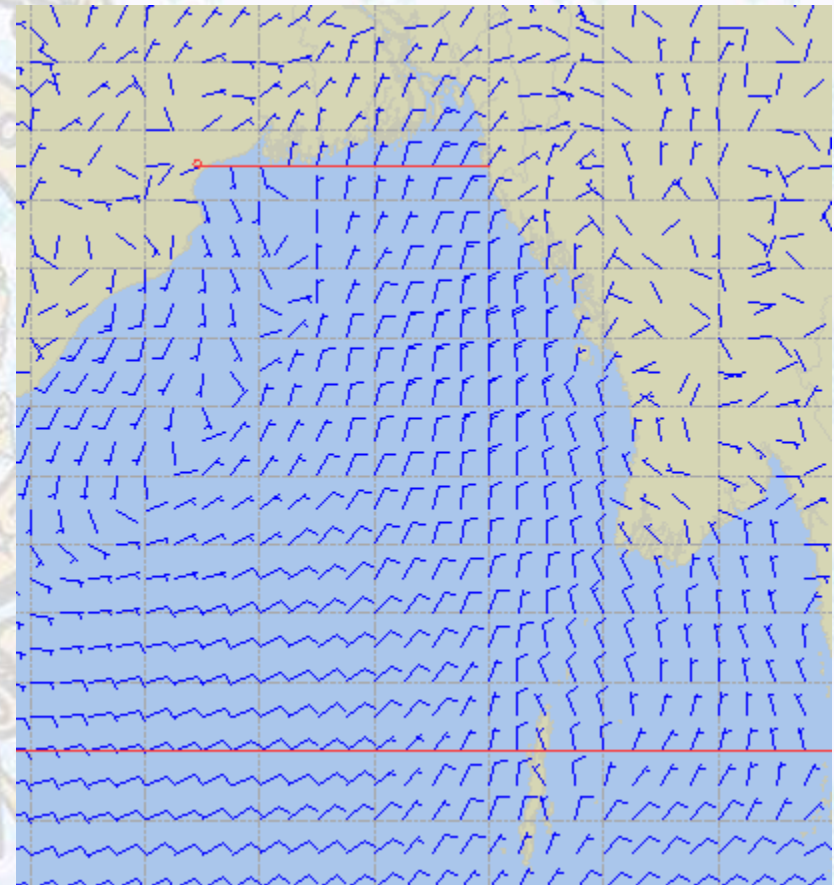
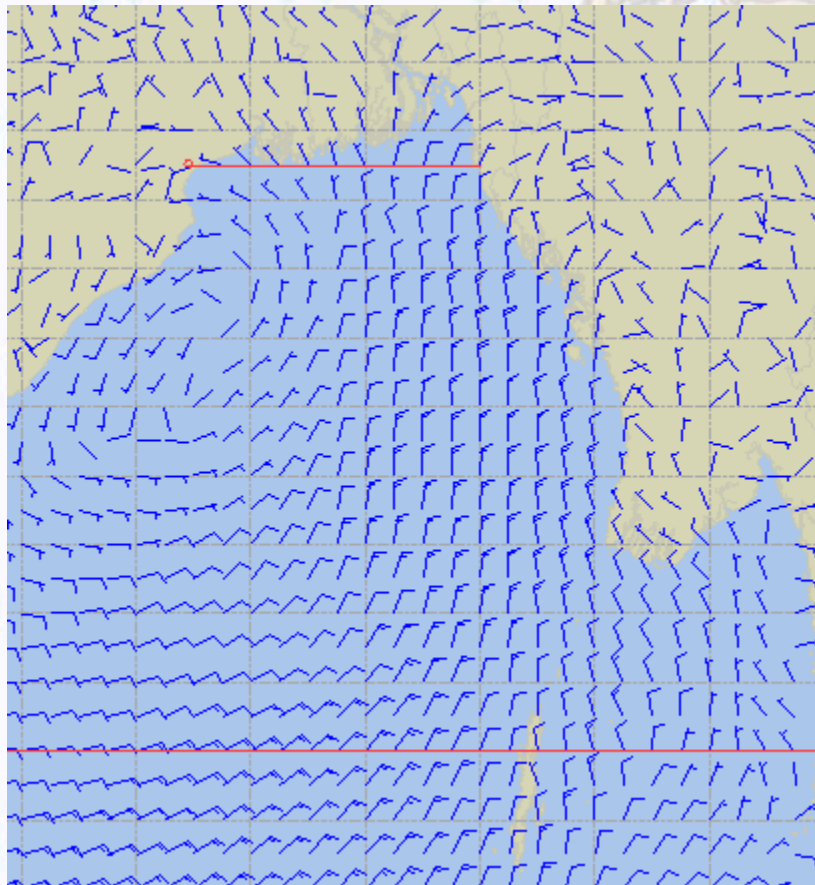




# Surface Wind Forecast – 04 & 05 Feb - 2020

05 Feb 2020 Wednesday

06 Feb 2020 Thursday



**Legend:**



**Calm  
Winds**



**5 Knots**



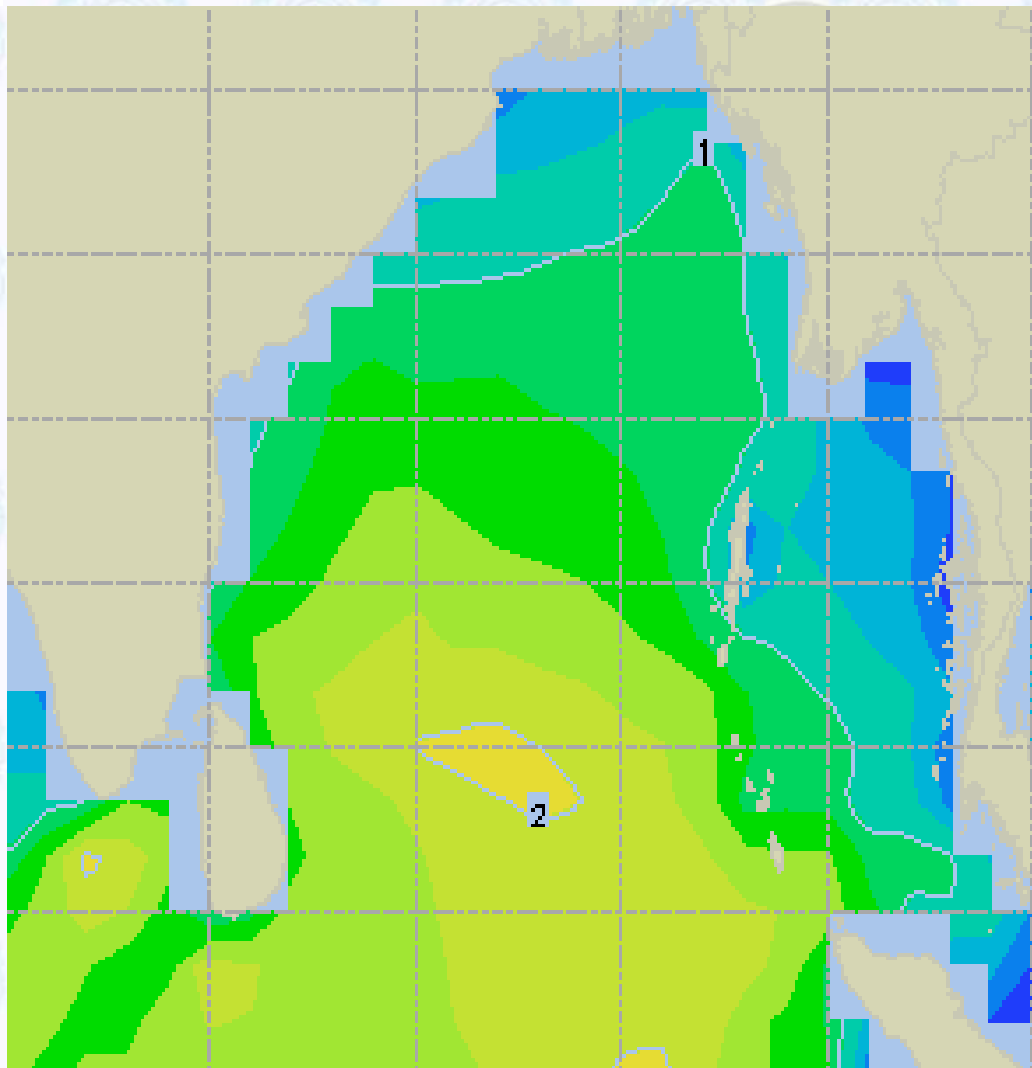
**10 Knots**



**60 Knots**



# Sea State Forecast- 04 Feb - 2020



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



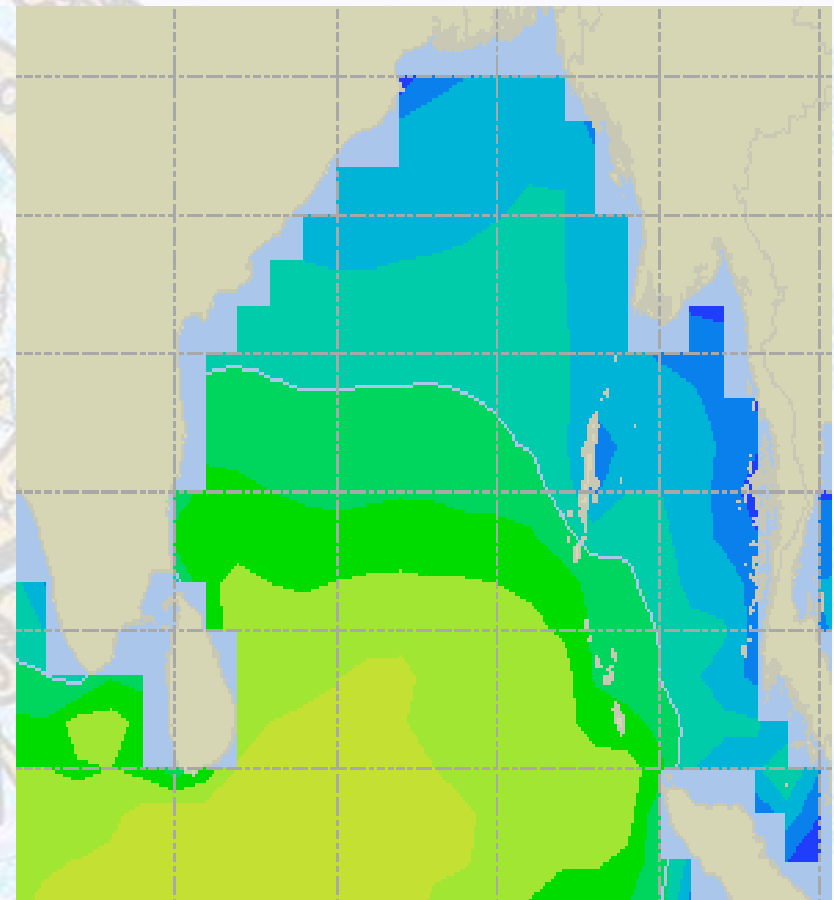
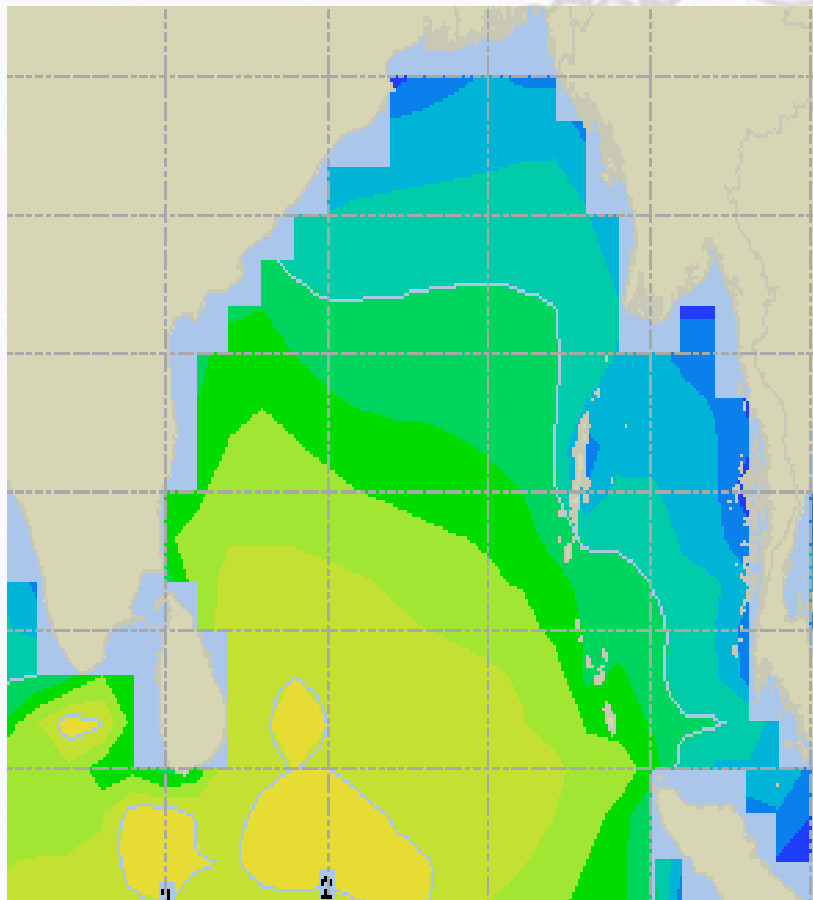




# Surface Wind Forecast – 05 & 06 Feb - 2020

05 Feb 2020 Wednesday

06 Feb 2020 Thursday

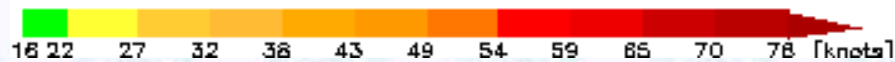
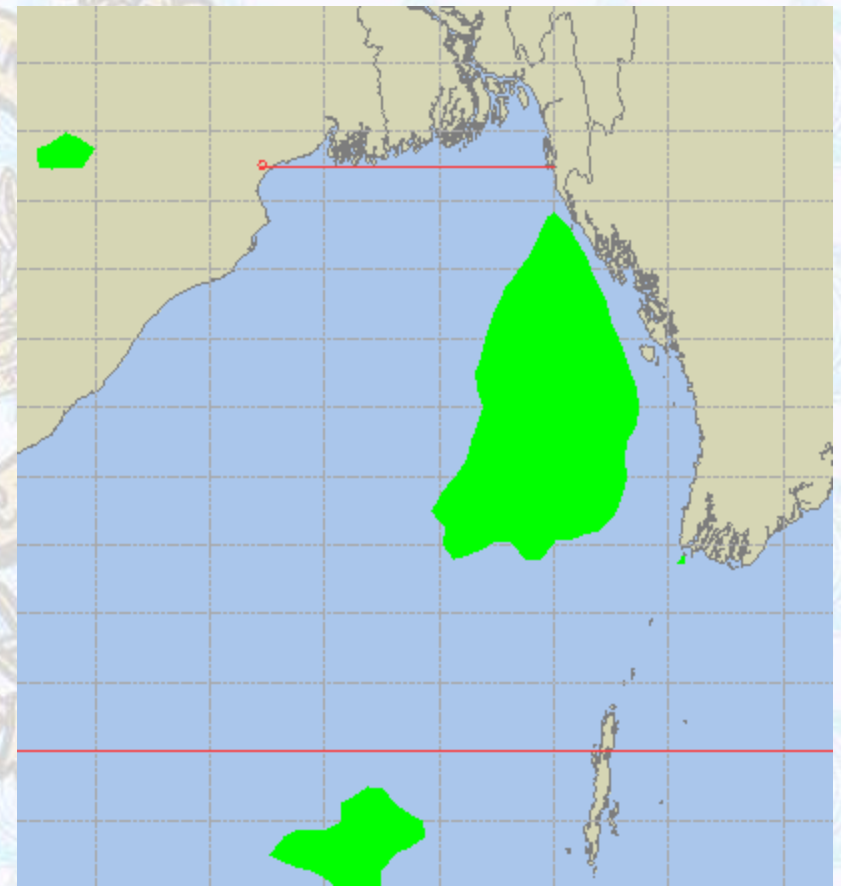
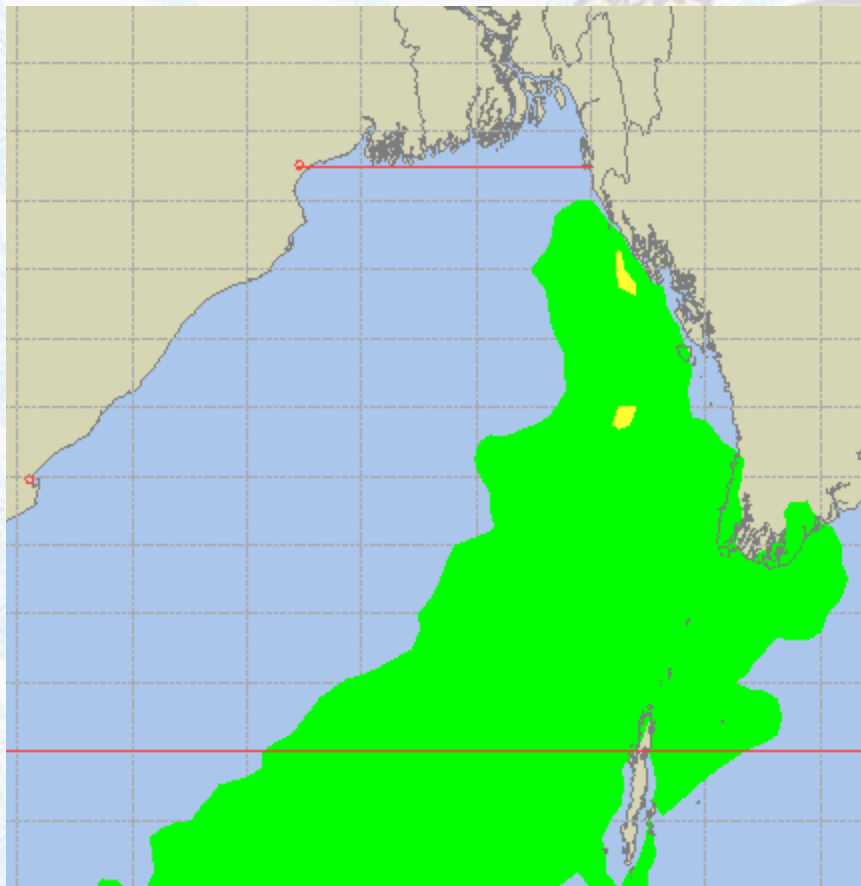




# Peak Gusting Possibilities – 04 & 05 Feb - 2020

04 Feb 2020 Tuesday

05 Feb 2020 Wednesday



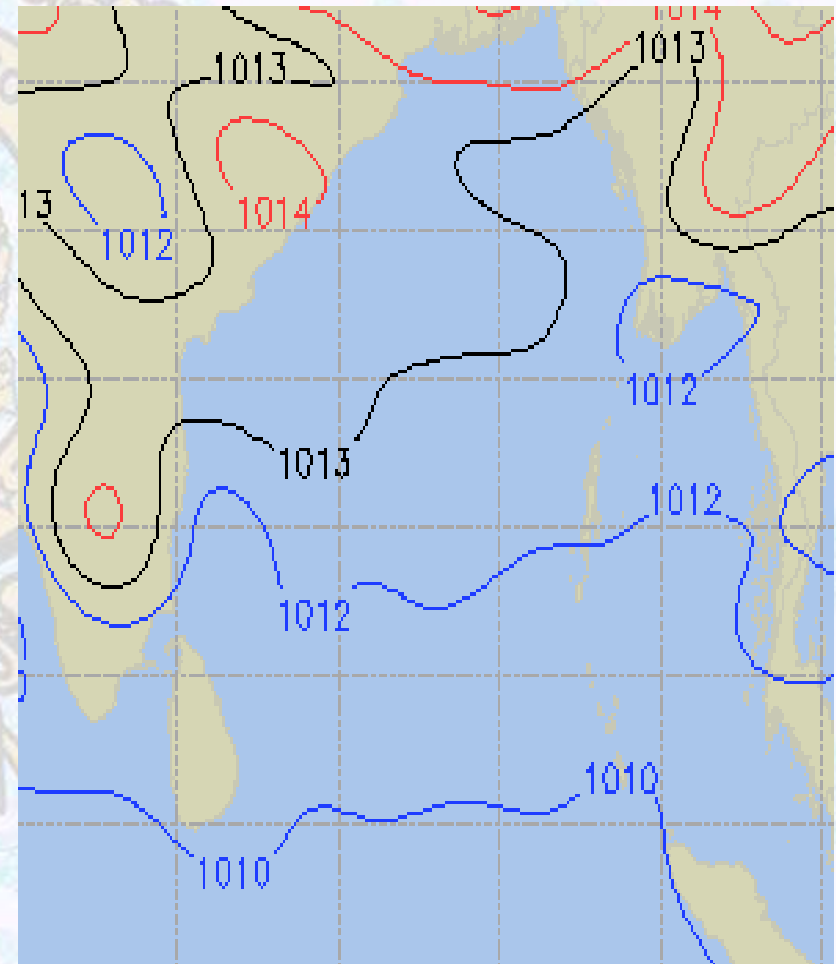
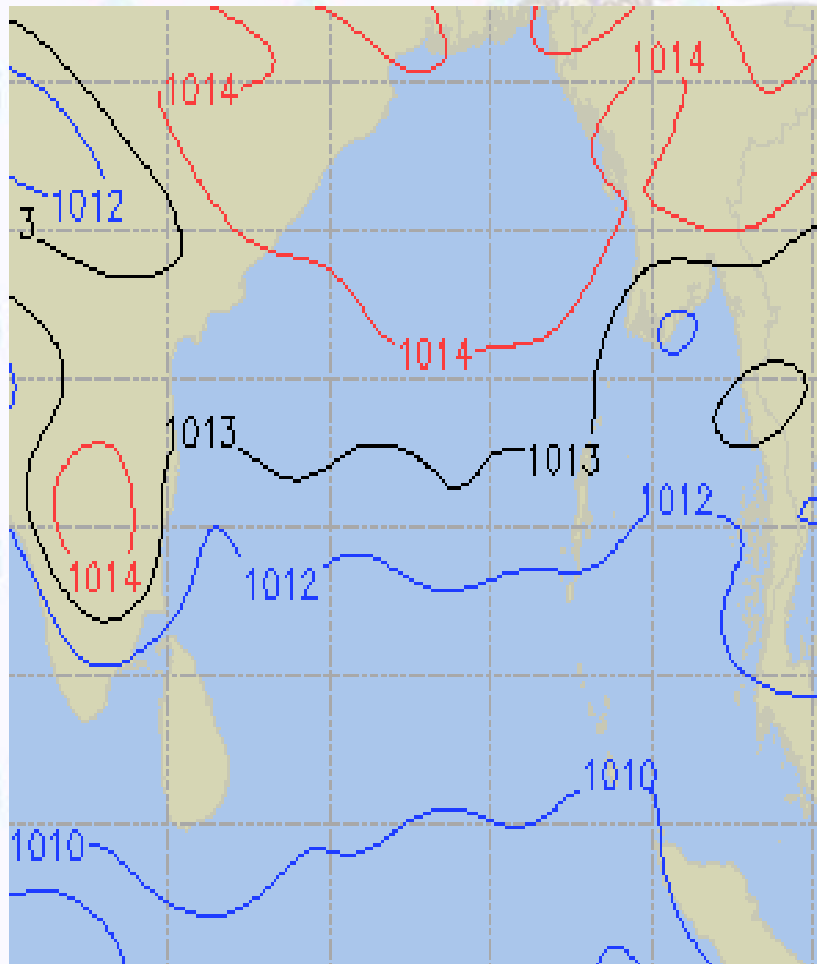




# Surface Pressure forecast – 04 & 05 Feb - 2020

04 Feb 2020 Tuesday

05 Feb 2020 Wednesday

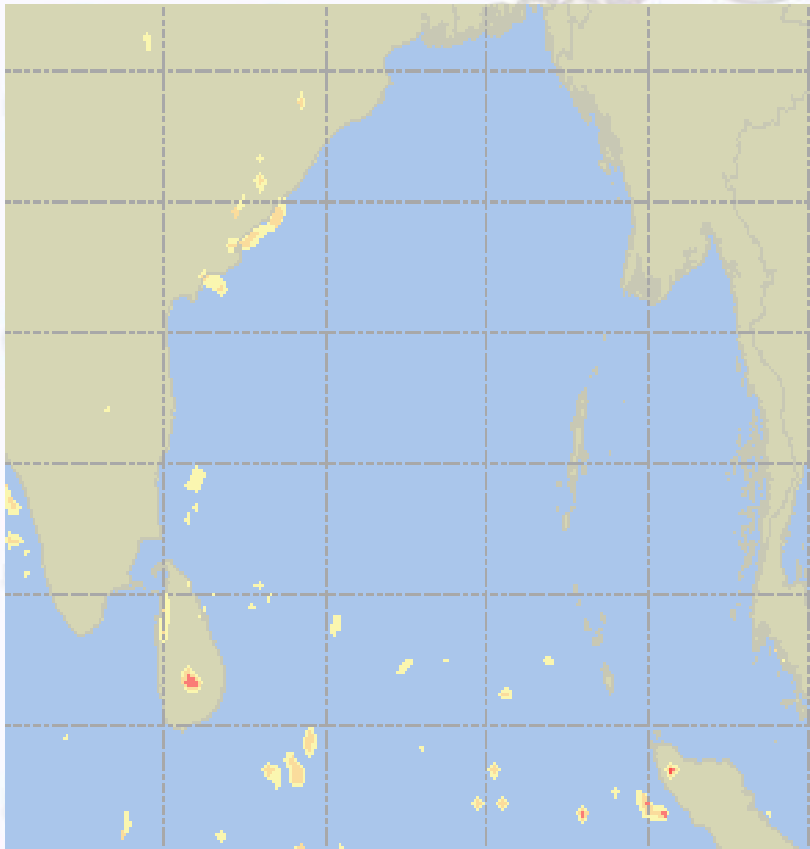




# Visibility at Sea Forecast – 04 & 05 Feb - 2020

04 Feb 2020 Tuesday

05 Feb 2020 Wednesday



**Visibility Scale:**



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

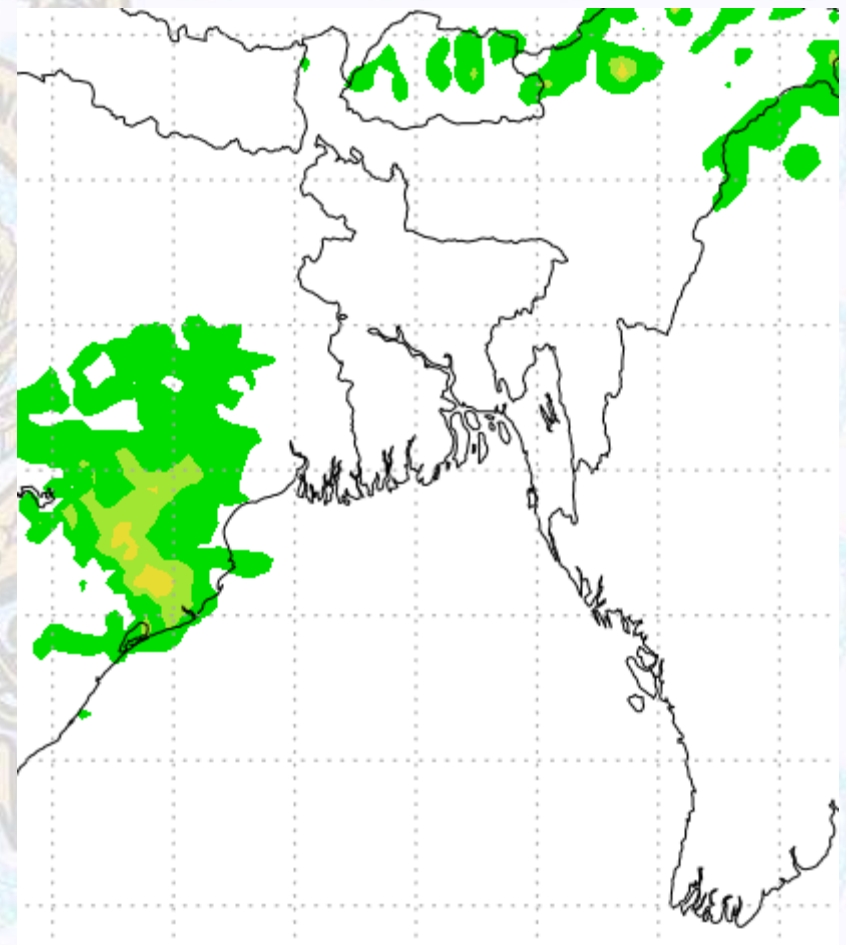
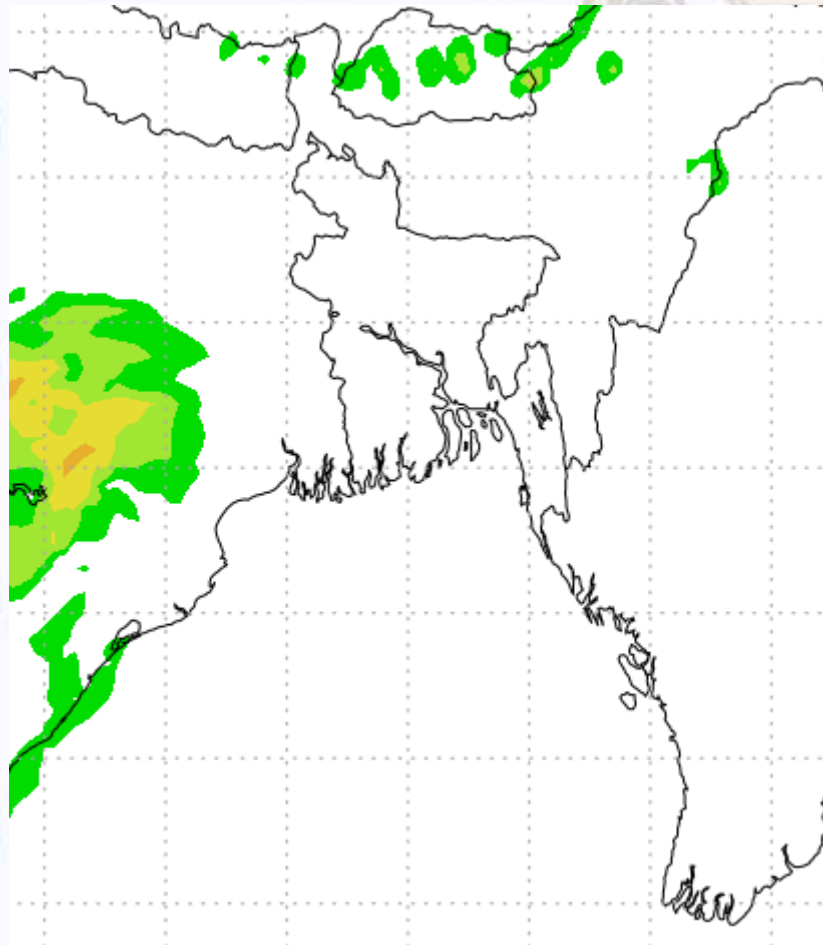




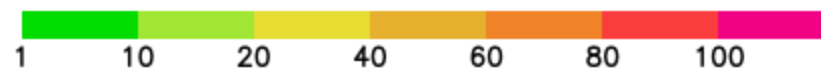
# Precipitation

Rain(mm) 04 & 05 Feb 20

Rain(mm) 05 & 06 Feb 20



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>04Feb 2020</b>	0221	1.29		0550	2.12		0526	1.93
	0816	2.95		1222	0.89		1201	1.03
	1437	1.09		1852	2.39		1844	2.21
	2102	3.48		-	-		-	-
<b>05Feb 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0352	1.23		0125	0.93		0127	1.24
	0937	2.99		0710	2.18		0707	1.93
	1553	1.06		1341	0.80		1323	0.95
	2209	3.66		1959	2.63		2003	2.36
<b>06Feb 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0506	1.06		0236	0.78		0245	1.06
	1050	3.17		0818	2.37		0832	2.07
	1702	0.94		1449	0.65		1434	0.80
	2306	3.88		2053	2.91		2103	2.55