



# WEATHER FORECAST FOR BN

***05 - 08 FEB 2020***





# WEATHER FORECAST – DHAKA

## 05.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 12	24 / 12	19 / 13	18 / 13
Wind	10 km/h WNW	10 km/h WNW	4 km/h NW	3 km/h N
Humidity	46%	47%	64%	70%
Chance of Precip	1%	1%	2%	3%
Cloud Cover	14%	15%	20%	17%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 39 AM 5: 48 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 11.27 km

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





# WEATHER FORECAST – CHATTOGRAM

## 05.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 13	24 / 14	21 / 14	19 / 14
Wind	10 km/h WNW	12 km/h WNW	8 km/h NW	8 km/h N
Humidity	48%	54%	65%	73%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	30%	30%	18%	18%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	6: 31 AM 5: 44 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 3.86 Km

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



# WEATHER FORECAST – KHULNA

## 05.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 12	24 / 13	20 / 14	18 / 14
Wind	8 km/h W	8 km/h W	4 km/h SW	2 km/h SSW
Humidity	45%	48%	66%	80%
Chance of Precip.	1%	1%	1%	4%
Cloud Cover	45%	32%	28%	38%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 41 AM 5: 54 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	06 Feb 2020	07 Feb 2020	08 Feb 2020
<b>Temperature (C)</b>	26 °C/ 15 °C	24 °C/ 17 °C	24 °C/ 17 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h37m24s/17h47m36s	6h36m54s/17h48m24s	6h36m24s/17h49m06s
<b>Day Length</b>	11h10m12s	11h11m30s	11h12m42s
<b>Moon Rise/ Set</b>	2:45 AM 3:45AM	3:46 AM 4:44AM	4:50 AM 5:42AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 87%	Waxing Gibbous, 93%	Waxing Gibbous, 98%
<b>NauticalTwilight</b>	0546,1838	0546,1838	0546,1839
<b>Civil Twilight</b>	0613,1811	0613,1811	0612,1812
<b>Humidity</b>	D : 58%    N : 68%	D : 61%    N : 71%	D : 63%    N : 73%
<b>Barometer (mb)</b>	1015	1015	1017
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	1%	10%	10%
<b>Wind (mph)</b>	10 Km/h NNW	7 Km/h NNW	11 Km/h N

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	06 Feb 2020	07 Feb 2020	08 Feb 2020
<b>Temperature (C)</b>	27 °C/ 15 °C	25 °C/ 19 °C	25 °C/ 18 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h29m42s/17h43m48s	6h29m12s/17h44m36s	6h28m42s/17h45m18s
<b>Day Length</b>	11h14m06s	11h15m24s	11h16m36s
<b>Moon Rise/ Set</b>	2:42AM 3:36AM	3:43 AM 4:35AM	4:47 AM 5:33AM
<b>Moon Phase/ illu</b>	Waxing Gibbous.87%	Waxing Gibbous, 93%	Waxing Gibbous, 98%
<b>NauticalTwilight</b>	0539, 1833	0539, 1834	0538, 1835
<b>Civil Twilight</b>	0606.,1807	0605.,1807	0605.,1808
<b>Humidity</b>	D : 55% N : 68%	D : 55% N : 58%	D : 59% N : 71%
<b>Barometer (mb)</b>	1015	1016	1016
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	1%	1%	1%
<b>Wind (mph)</b>	12 km/h NNW	13 km/h N	12 km/h N

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





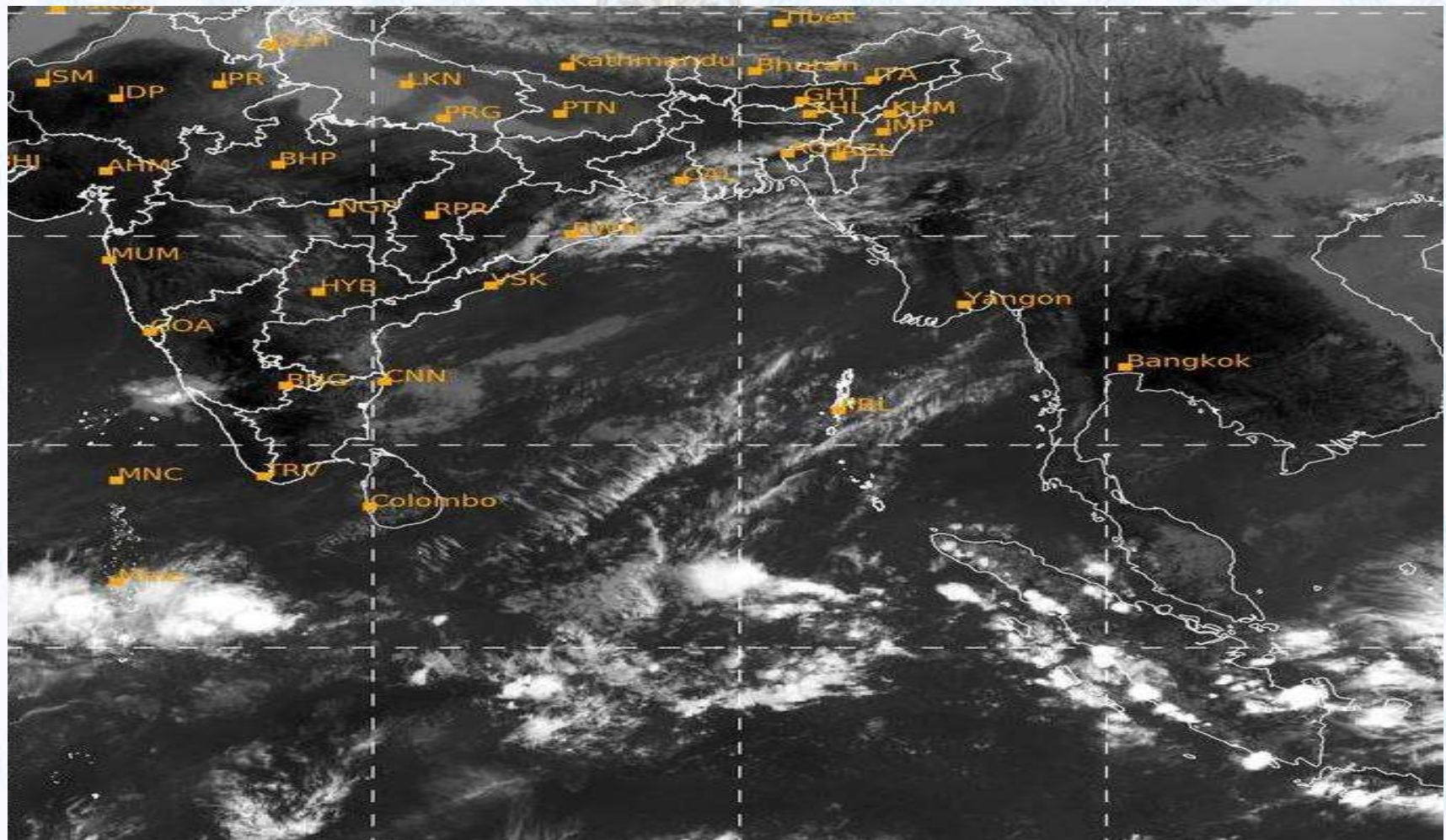
# GENERAL WEATHER FORECAST – KHULNA

Description	06 Feb 2020	07 Feb 2020	08 Feb 2020
<b>Temperature(C)</b>	26 °C/ 15 °C	21 °C/ 16 °C	22 °C/ 15 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h39m330s/17h52m18s	6h39m00s/17h53m06s	6h38m30s/17h53m48s
<b>Day Length</b>	11h12m48s	11h014m04s	11h015m18s
<b>Moon Rise/Set</b>	2:52 AM 3:47AM	3:53 AM 4:46AM	4:57AM 5:44AM
<b>Moon Phase/illu</b>	Waxing Gibbous.87%	Waxing Gibbous, 93%	Waxing Gibbous, 98%
<b>NauticalTwilight</b>	0549, 1842	0548, 1843	0548, 1843
<b>Civil Twilight</b>	0616.,1815	0615.,1816	0615.,1816
<b>Humidity</b>	D : 59%    N : 73%	D : 68%    N : 81%	D : 73%    N : 82%
<b>Barometer (mb)</b>	1015	1016	1017
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	20%	10%
<b>Wind (mph)</b>	9 km/h N	7 km/h N	12 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



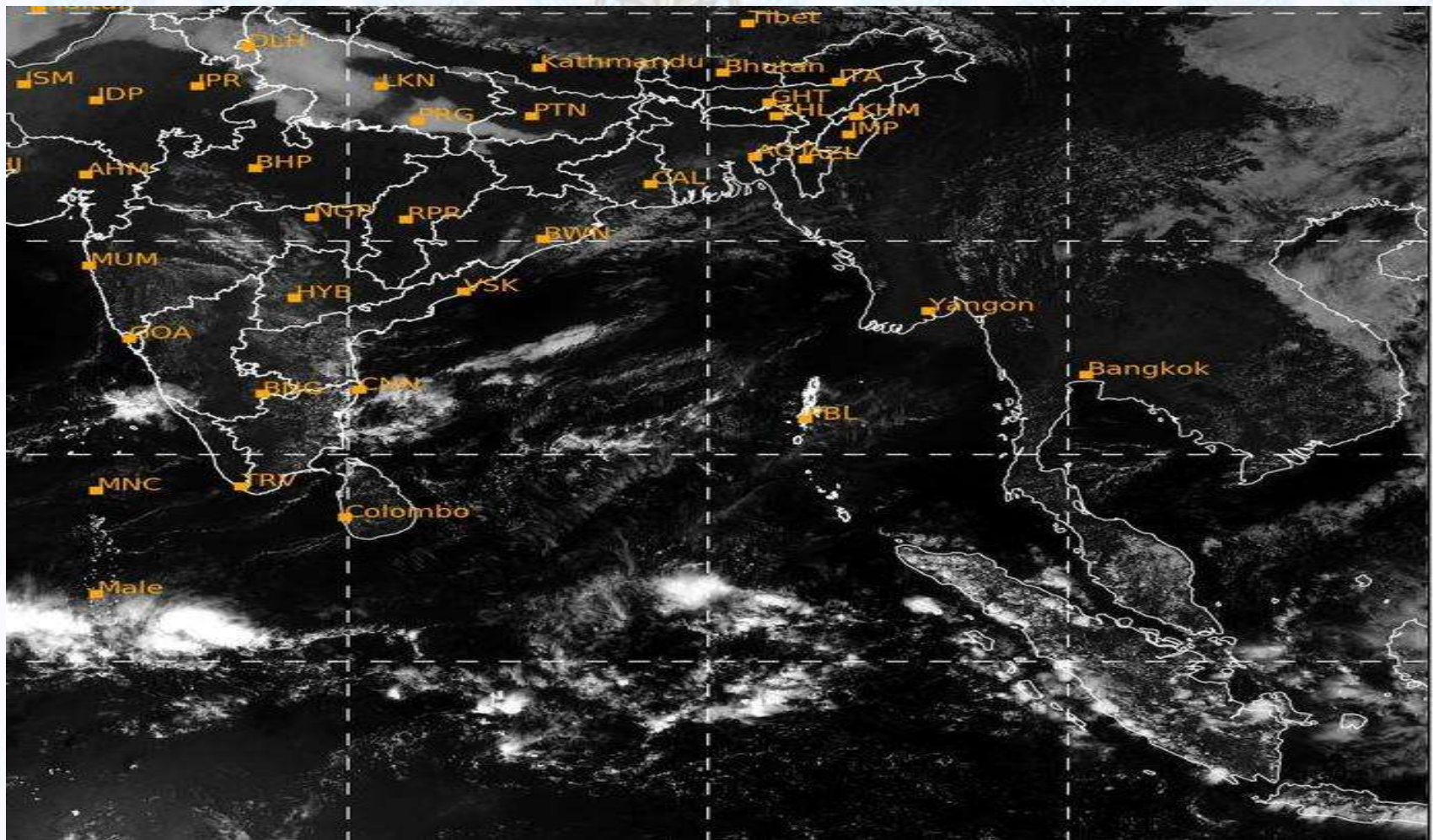
05/02/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



05/02/2020, 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 05.02.2020)

<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 MIST/FOG
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =05,0000 UTC. CHATTOGRAM =1014 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 05.02.2020)

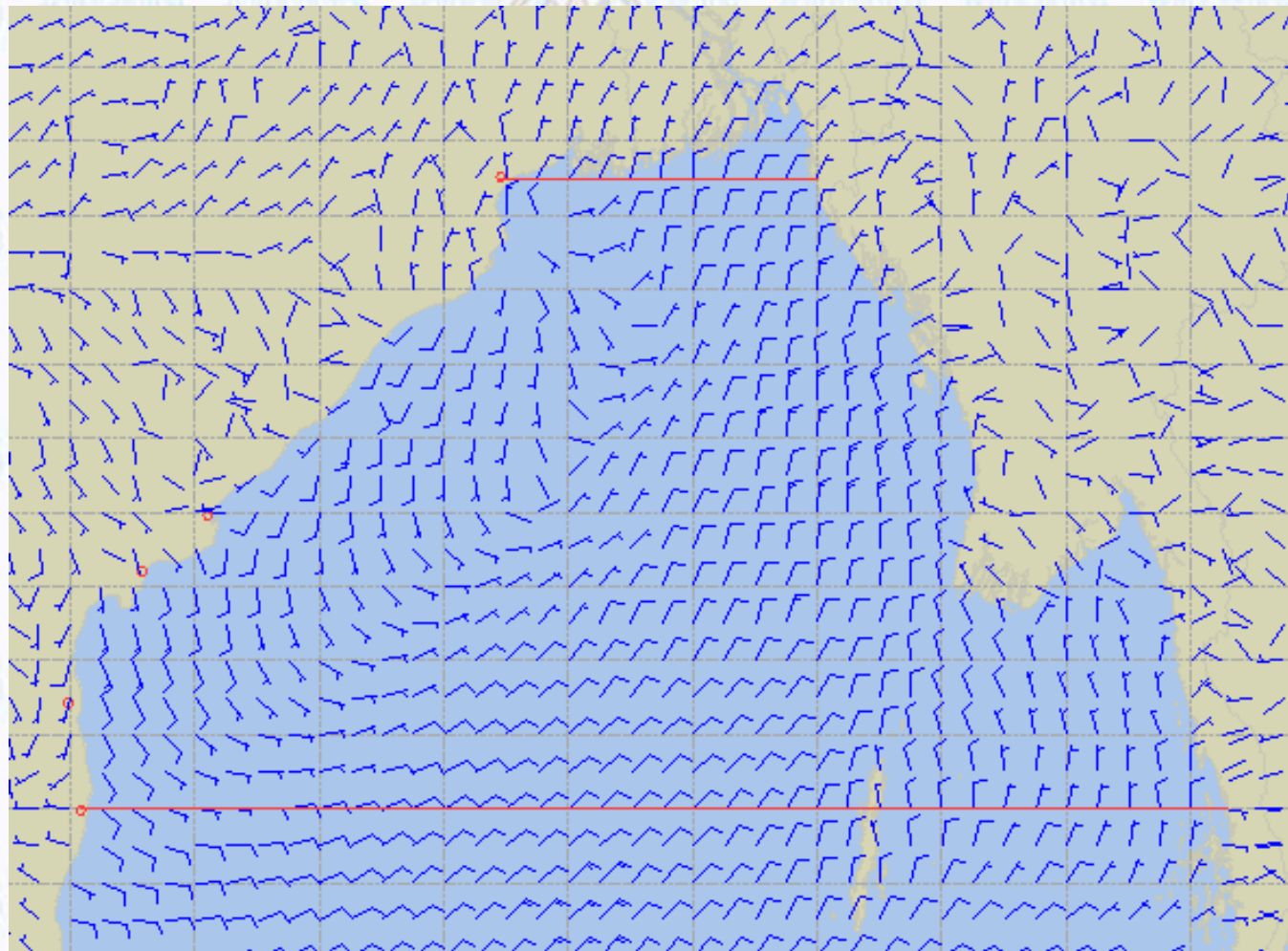
THERE IS NO INLAND RIVERPORTS WARNING & NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 06 Feb - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



60 Knots

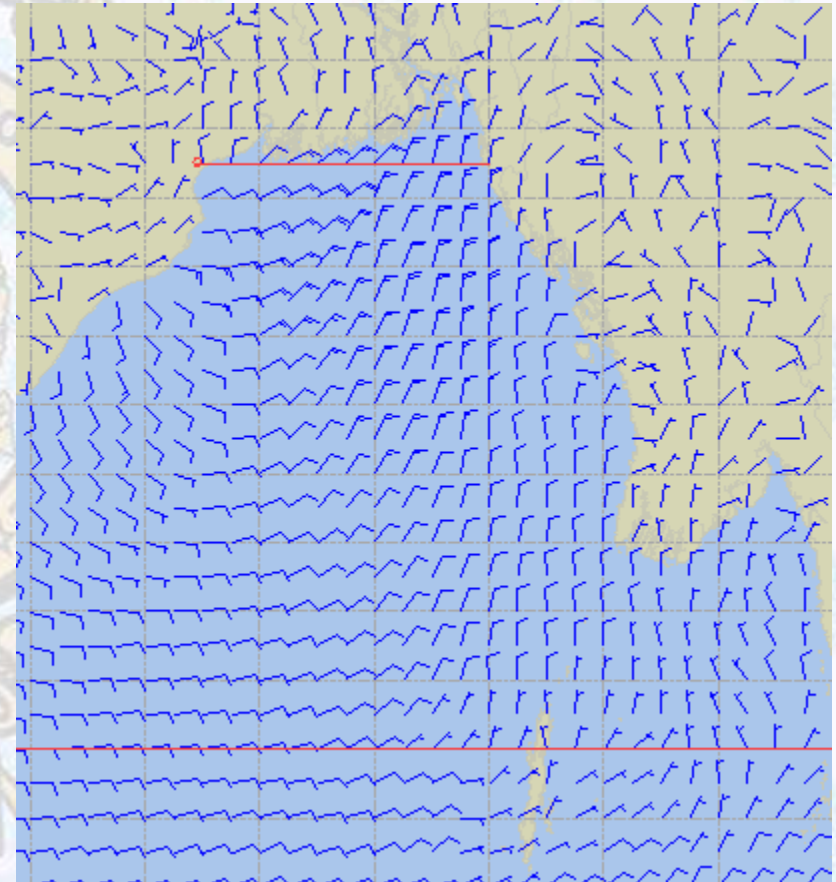
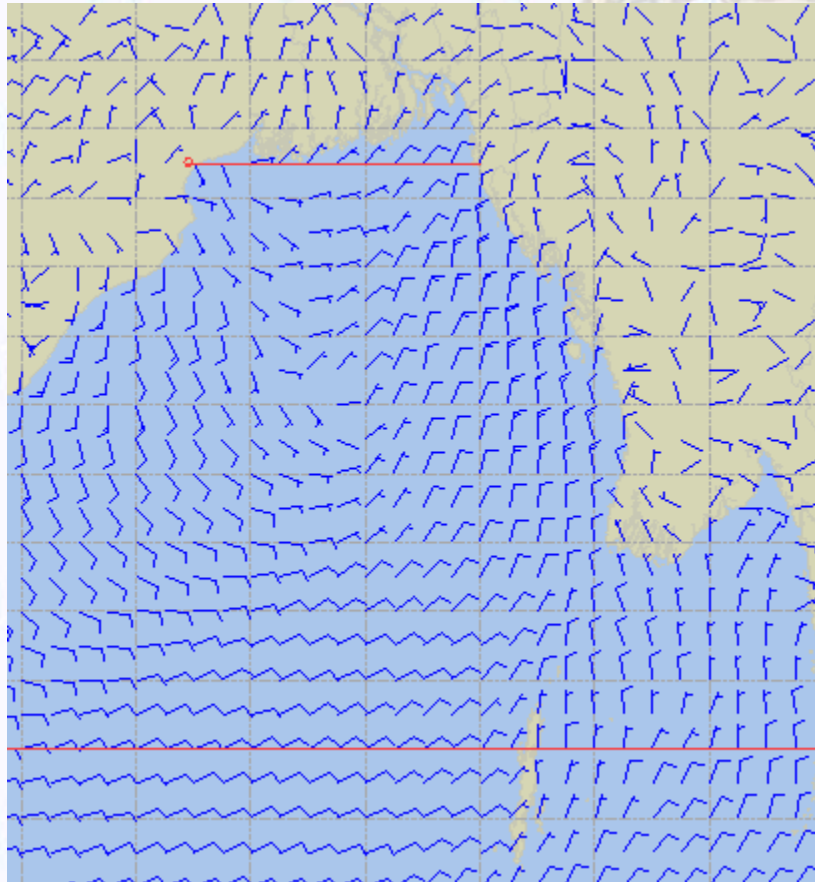




# Surface Wind Forecast – 07 & 08 Feb - 2020

07 Feb 2020 Friday

08 Feb 2020 Saturday



**Legend:**



**Calm  
Winds**



**5 Knots**



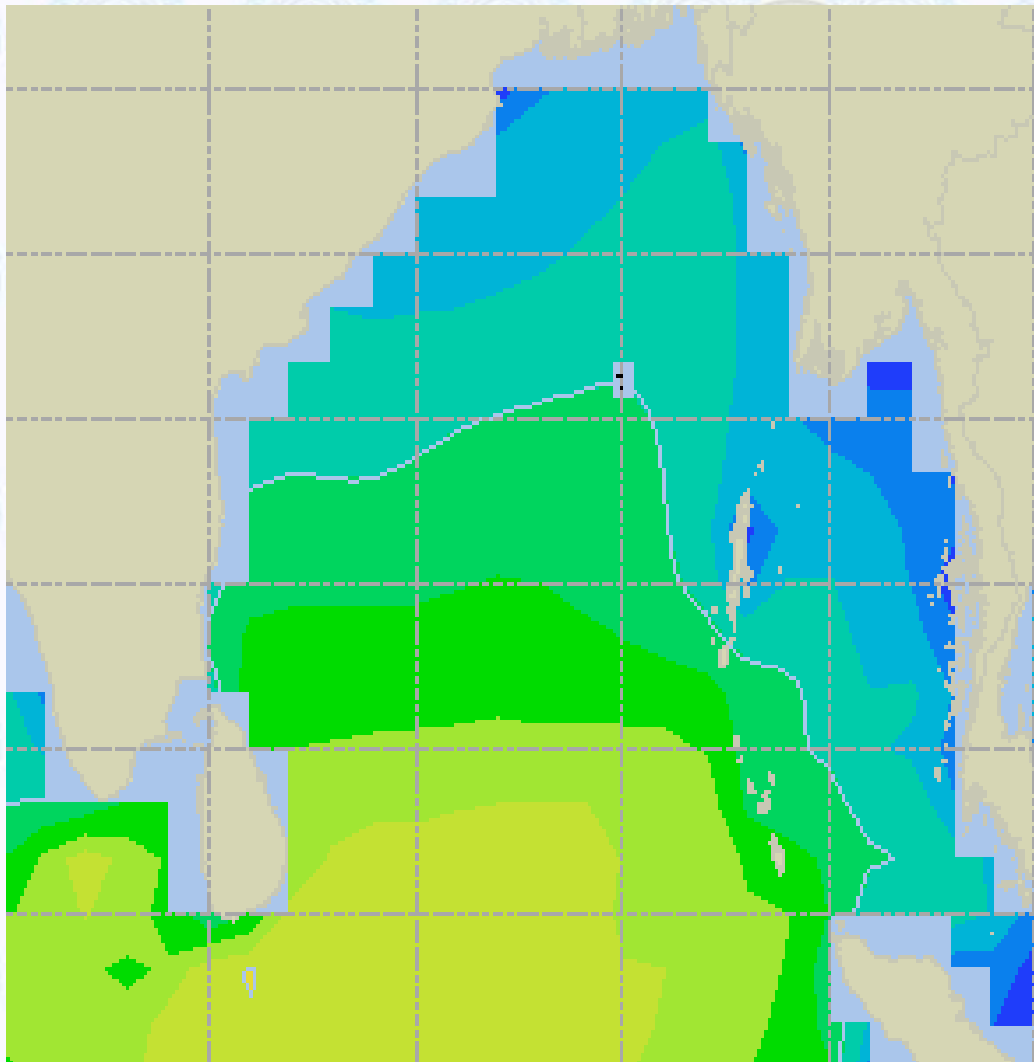
**10 Knots**



**60 Knots**



# Sea State Forecast - 06 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



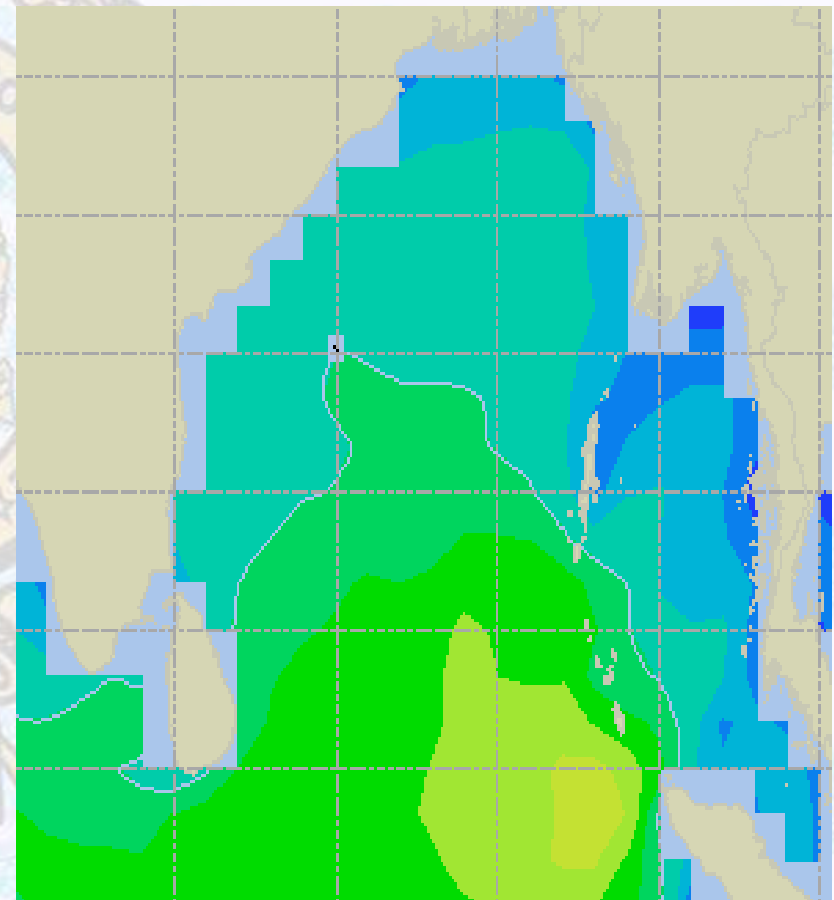
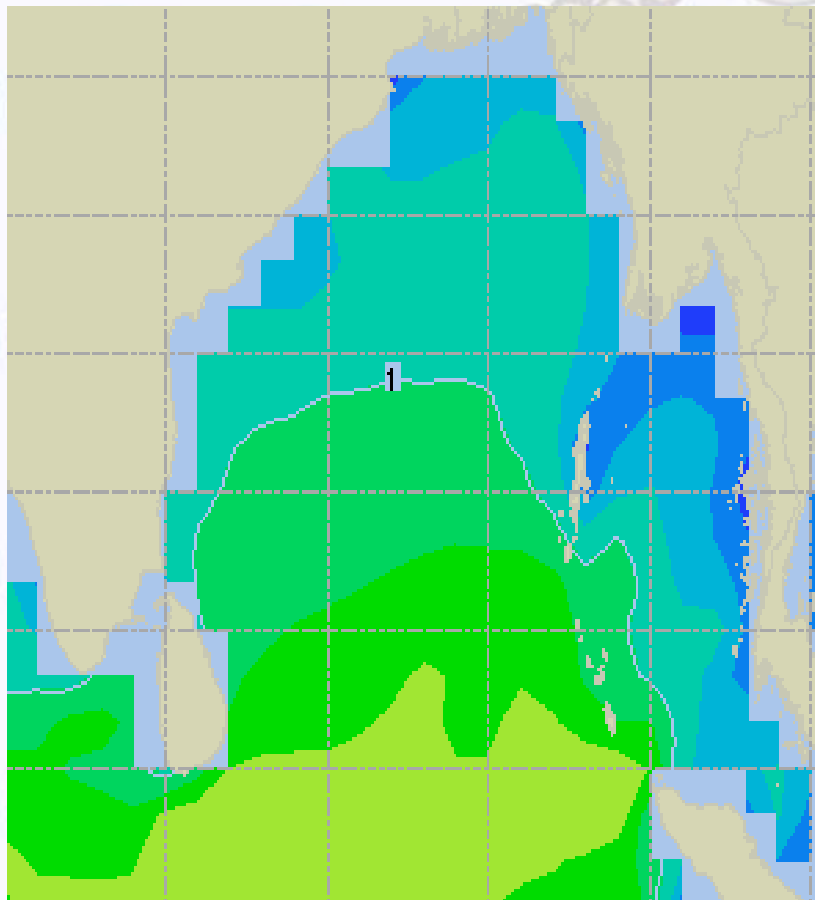




# Sea State Forecast - 07 & 08 Feb - 2020

07 Feb 2020 Friday

08 Feb 2020 Saturday

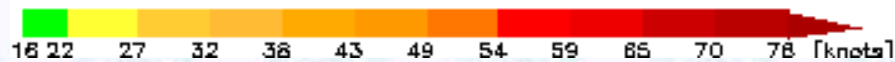
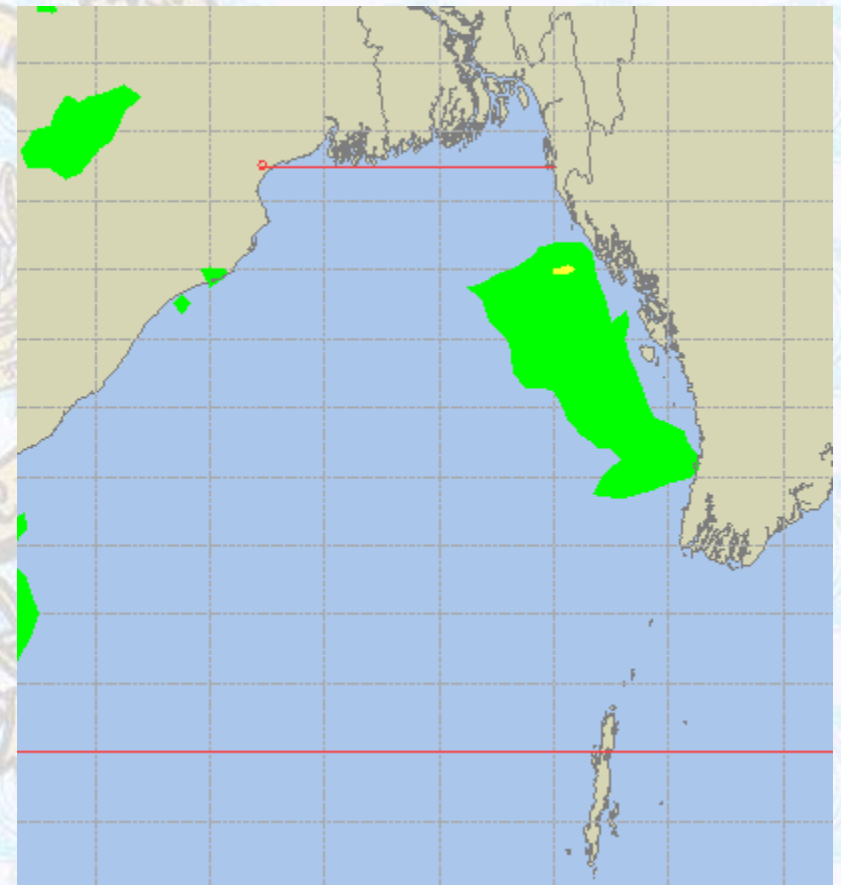
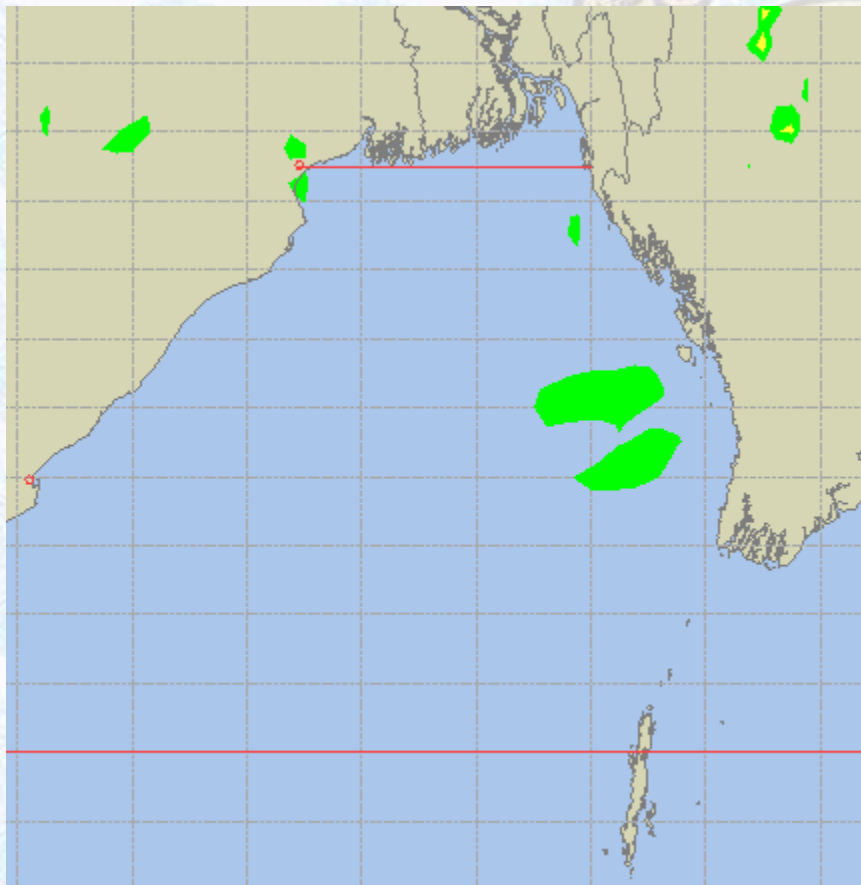




# Peak Gusting Possibilities – 06 & 07 Feb - 2020

06 Feb 2020 Thursday

07 Feb 2020 Friday

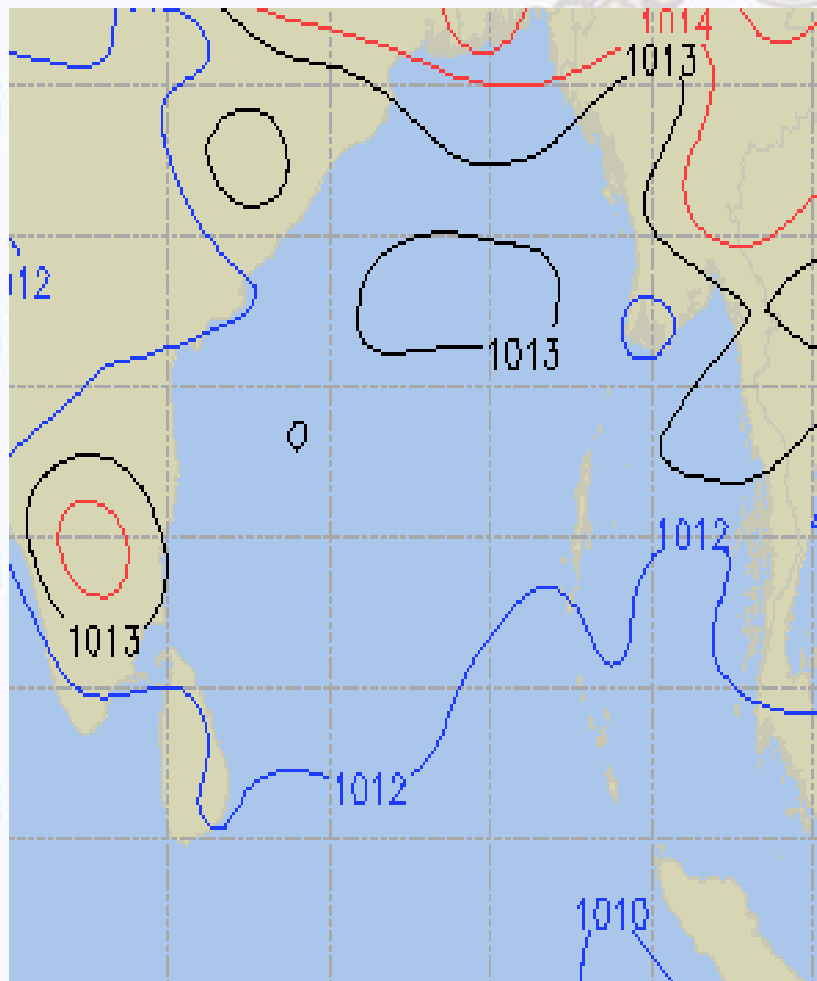




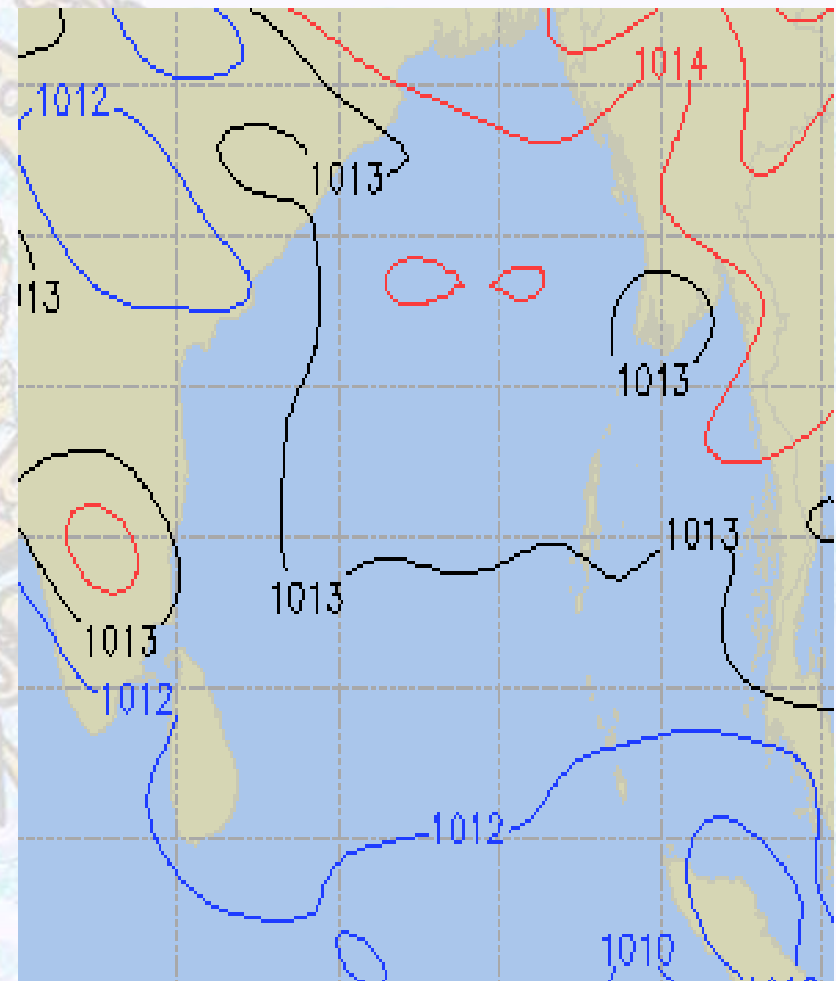


# Surface Pressure forecast – 06 & 07 Feb - 2020

06 Feb 2020 Thursday



07 Feb 2020 Friday

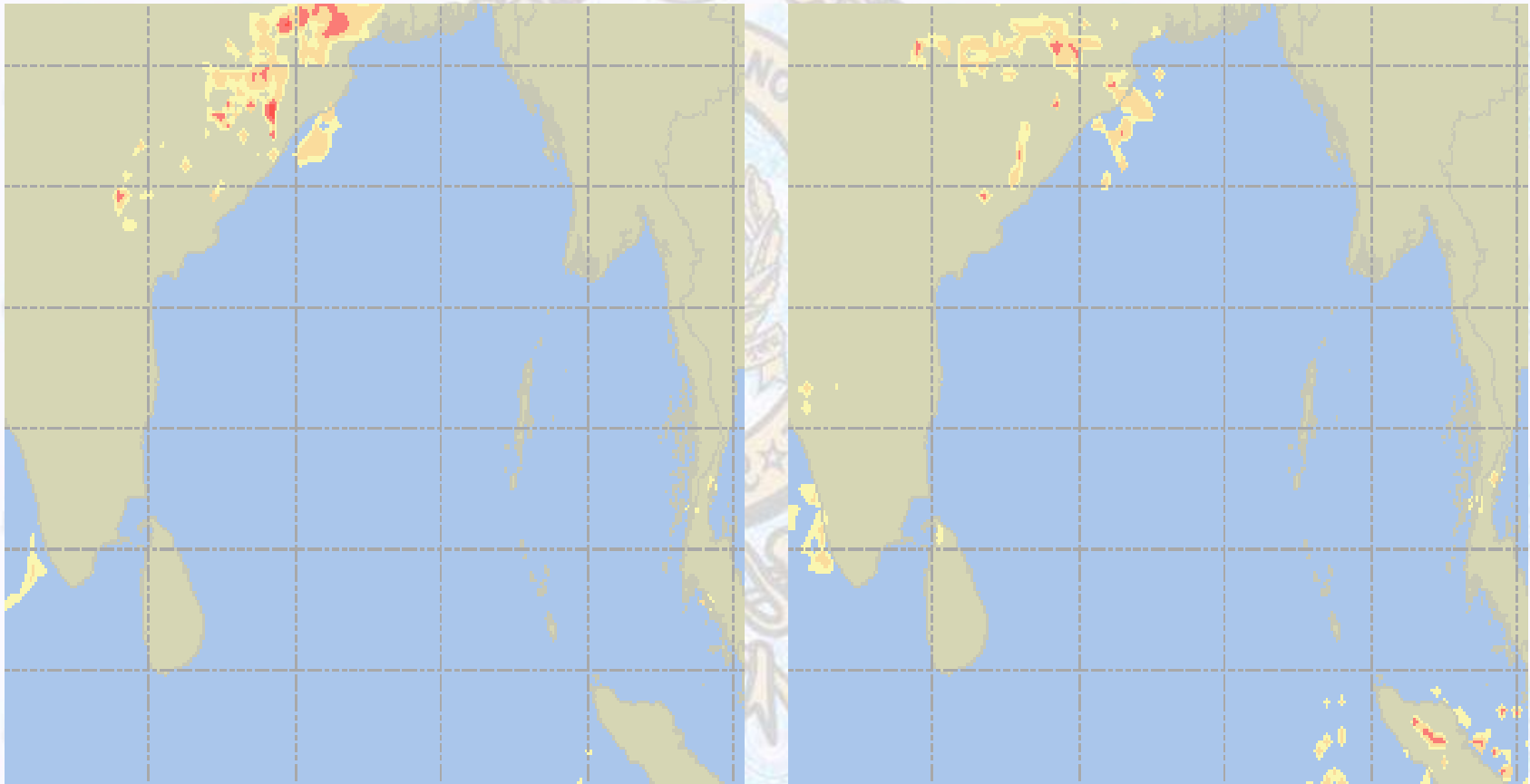




# Visibility at Sea Forecast – 06 & 07 Feb - 2020

06 Feb 2020 Thursday

07 Feb 2020 Friday



**Visibility Scale:**



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

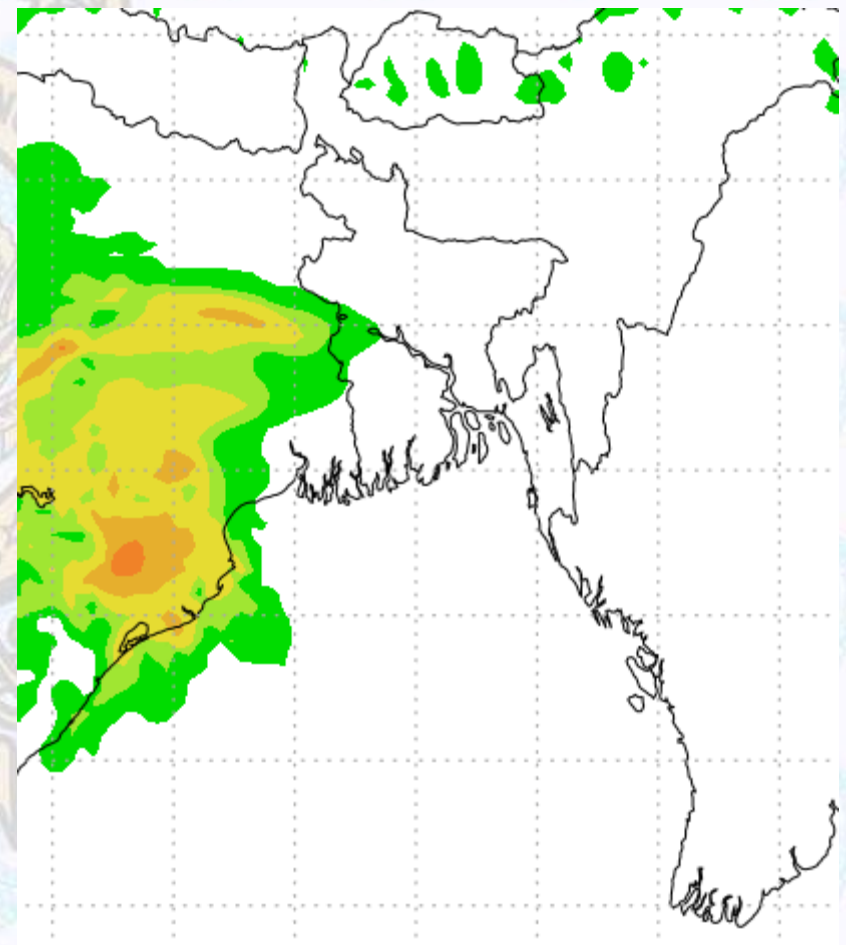
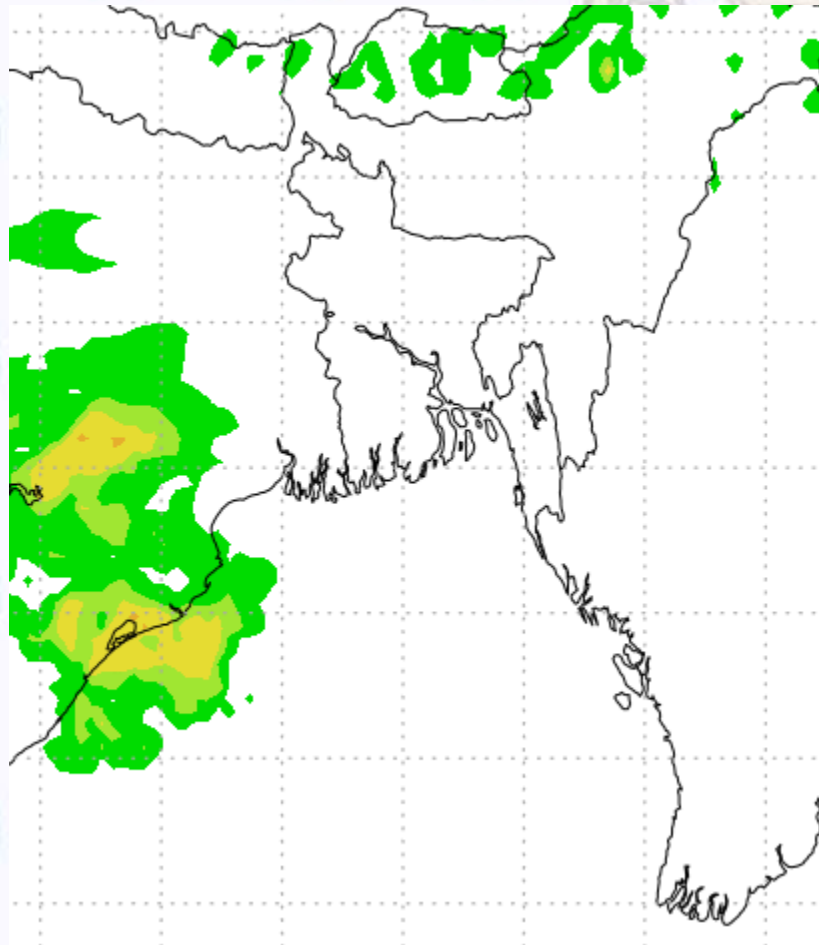




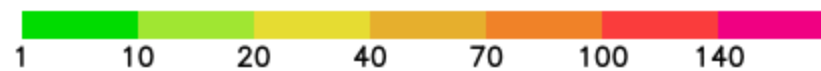
# Precipitation

Rain(mm) 06 & 07 Feb 20

Rain(mm) 07 & 08 Feb 20



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
	<b>06Feb 2020</b>	0506		1.06			0236	0.78
	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
	Time	Height		Time	Height		Time	Height
	<b>07Feb 2020</b>	0604		0.86			0333	0.61
	1145	3.41		0911	2.62		0930	2.27
	1801	0.79		1545	0.47		1532	0.61
	2354	4.09		2140	3.19		2151	2.74
	Time	Height		Time	Height		Time	Height
	<b>08Feb 2020</b>	0652		0.69			0421	0.43
	1229	3.66		0956	2.87		1016	2.46
	1851	0.63		1633	0.30		1622	0.43
	-	-		2223	3.43		2234	2.89