



# **WEATHER FORECAST FOR BN**

***06 - 09 FEB 2020***





# WEATHER FORECAST – DHAKA

## 06.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 12	24 / 12	20 / 12	18 / 12
Wind	7 km/h NW	9 km/h WNW	5 km/h NW	4 km/h N
Humidity	46%	47%	60%	68%
Chance of Precip	1%	1%	1%	3%
Cloud Cover	27%	15%	10%	20%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 38 AM 5: 48 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 3.22 km

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



# WEATHER FORECAST – CHATTOGRAM

## 06.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 10	25 / 13	22 / 13	20 / 12
Wind	15 km/h NW	12 km/h WNW	9 km/h NW	10 km/h N
Humidity	38%	50%	60%	62%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	25%	18%	10%	12%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 31 AM 5: 45 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 4.02 Km

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



# WEATHER FORECAST – KHULNA

## 06.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 14	24 / 13	20 / 14	18 / 15
Wind	7 km/h NNW	7 km/h NNW	3 km/h W	1 km/h NE
Humidity	53%	50%	68%	82%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	21%	19%	25%	27%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 41 AM 5: 54 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	07 Feb 2020	08 Feb 2020	09 Feb 2020
<b>Temperature (C)</b>	25 °C / 17 °C	24 °C / 17 °C	24 °C / 15 °C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	6h36m54s/17h48m24s	6h36m24s/17h49m06s	6h35m54s/17h49m54s
<b>Day Length</b>	11h11m30s	11h12m42s	11h14m00s
<b>Moon Rise/ Set</b>	3:46 AM 4:44AM	4:50 AM 5:42AM	5:57 AM 6:35AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 93%	Waxing Gibbous, 98%	Full Moon, 99%
<b>NauticalTwilight</b>	0546,1838	0546,1839	0545,1839
<b>Civil Twilight</b>	0613,1811	0612,1812	0612,1813
<b>Humidity</b>	D : 57% N : 68%	D : 62% N : 70%	D : 68% N : 79%
<b>Barometer (mb)</b>	1016	1017	1017
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	20%
<b>Wind (mph)</b>	8 Km/h N	10 Km/h N	11 Km/h NNW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	07 Feb 2020	08 Feb 2020	09 Feb 2020
<b>Temperature (C)</b>	25 °C/ 18 °C	25 °C/ 18 °C	25 °C/ 17 °C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	6h29m12s/17h44m36s	6h28m42s/17h45m18s	6h28m12s/17h46m06s
<b>Day Length</b>	11h15m24s	11h16m36s	11h17m54s
<b>Moon Rise/ Set</b>	3:43 AM 4:35AM	4:47 AM 5:33AM	5:53 AM 6:27AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 93%	Waxing Gibbous, 98%	Full Moon, 99%
<b>Nautical Twilight</b>	0539, 1834	0538, 1835	0538, 1835
<b>Civil Twilight</b>	0605.,1807	0605.,1808	0605.,1808
<b>Humidity</b>	D : 53% N : 55%	D : 55% N : 66%	D : 66% N : 81%
<b>Barometer (mb)</b>	1016	1016	1016
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	1%	1%	20%
<b>Wind (mph)</b>	13 km/h N	13 km/h N	15 km/h NNW

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



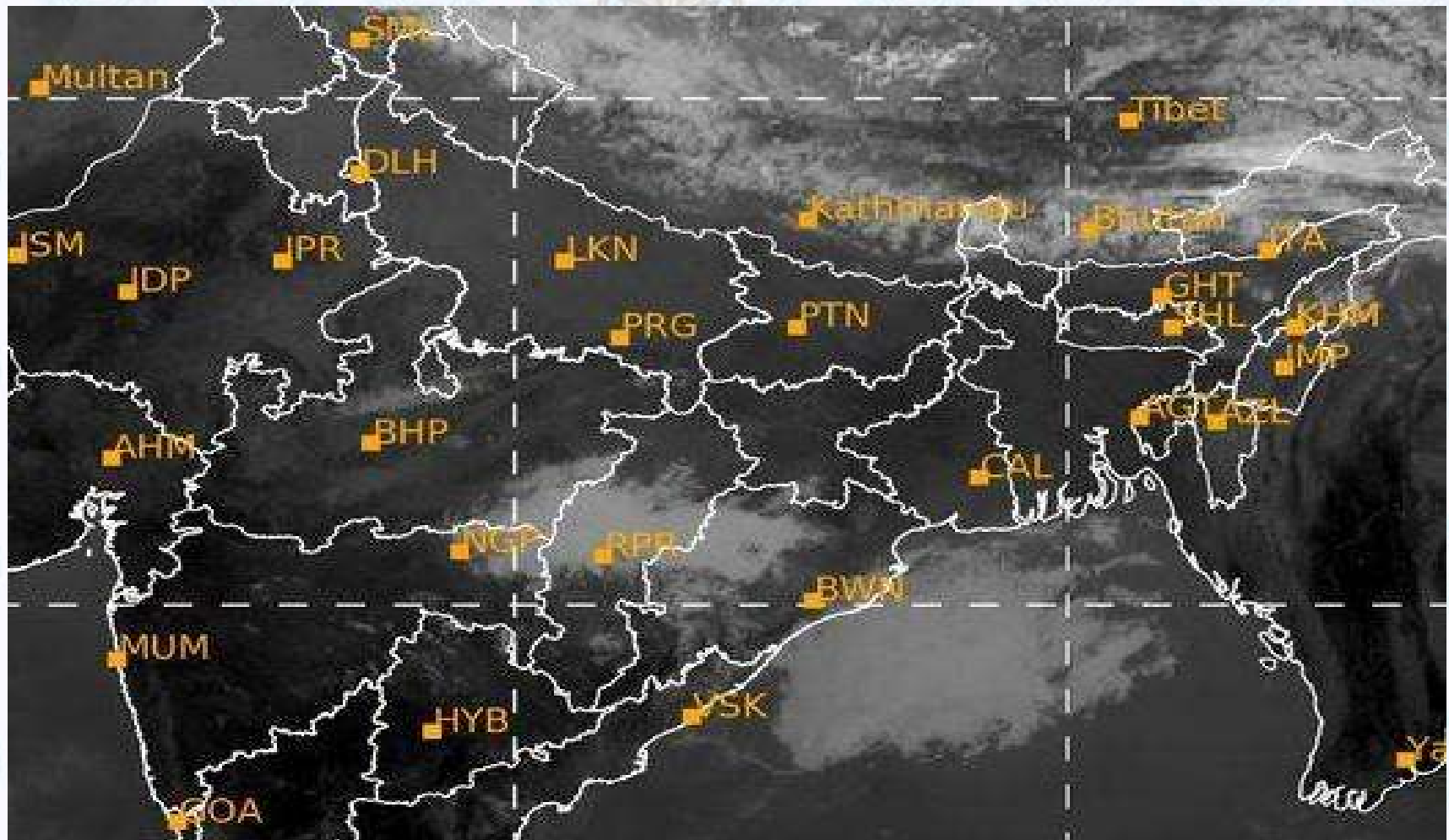
# GENERAL WEATHER FORECAST – KHULNA

Description	07 Feb 2020	08 Feb 2020	09 Feb 2020
<b>Temperature(C)</b>	24 °C/ 16 °C	23 °C/ 15 °C	24 °C/ 13 °C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	6h39m00s/17h53m06s	6h38m30s/17h53m48s	6h38m00s/17h54m36s
<b>Day Length</b>	11h14m04s	11h15m18s	11h16m36s
<b>Moon Rise/Set</b>	3:53 AM 4:46AM	4:57AM 5:44AM	6:03 AM 6:37AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 93%	Waxing Gibbous, 98%	Full Moon, 99%
<b>Nautical Twilight</b>	0548, 1843	0548, 1843	0548, 1844
<b>Civil Twilight</b>	0615.,1816	0615.,1816	0614.,1817
<b>Humidity</b>	D : 62%    N : 72%	D : 68%    N : 76%	D : 67%    N : 78%
<b>Barometer (mb)</b>	1016	1017	1017
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	10%	20%
<b>Wind (mph)</b>	7 km/h NNE	11 km/h NNW	11 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



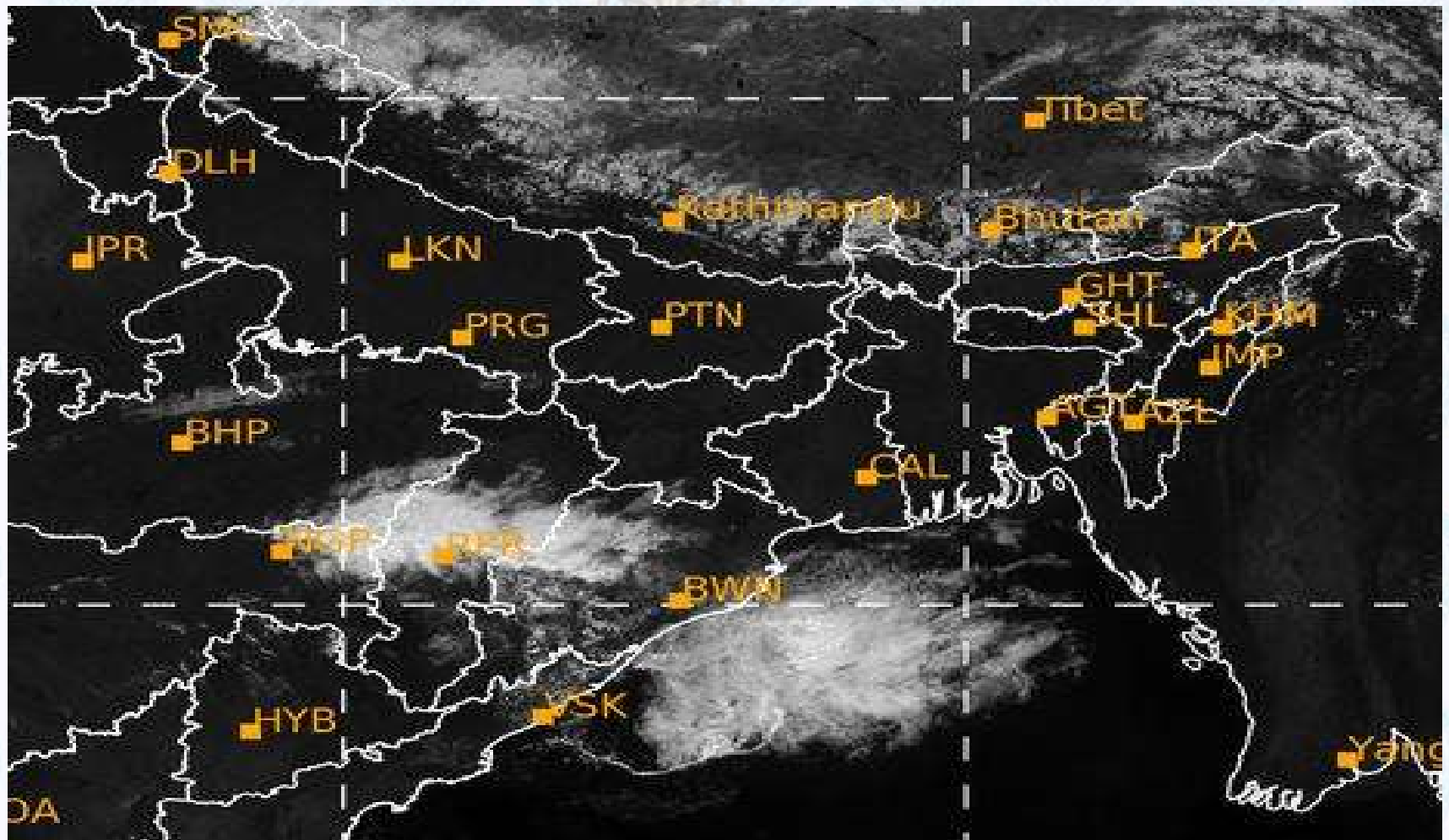
06/02/2020, 10:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



06/02/2020, 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 06.02.2020)

<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	N/NE'LY, 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/FOG
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =06,0000 UTC. CHATTOGRAM =1015 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 06.02.2020)

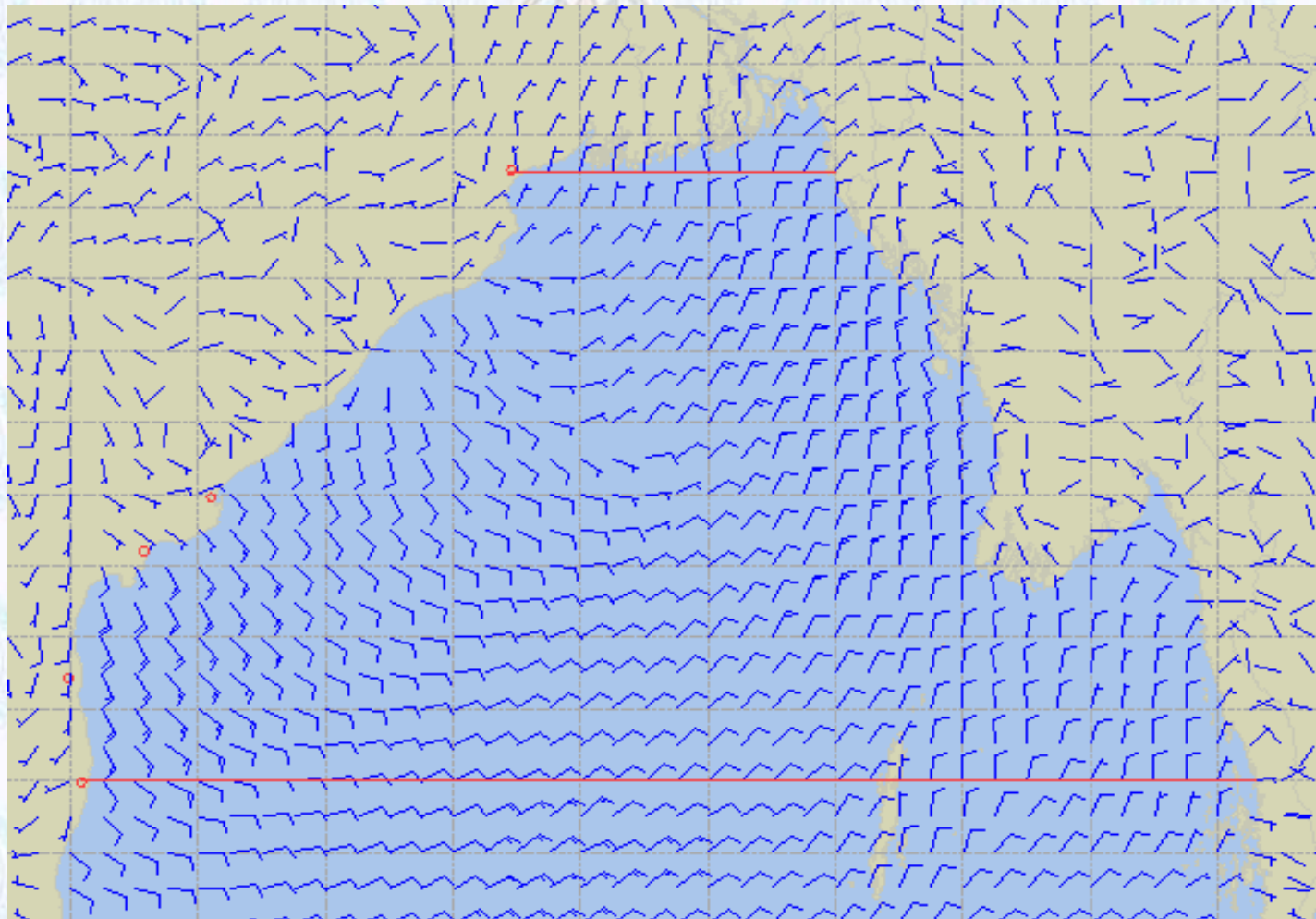
THERE IS NO INLAND RIVERPORTS WARNING & NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 07 Feb - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



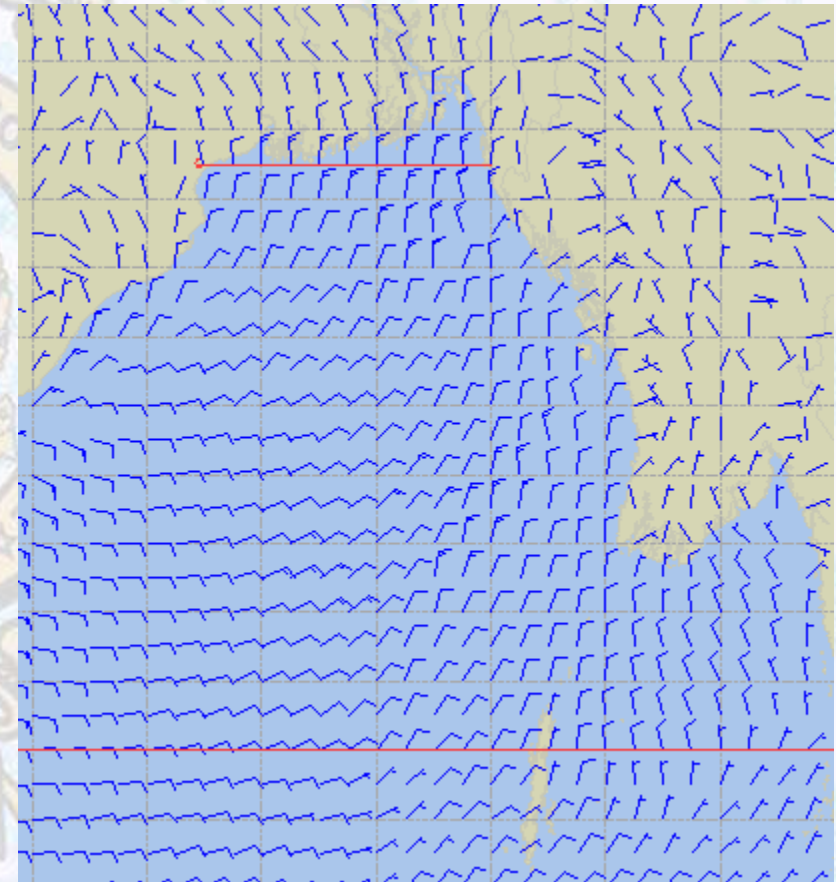
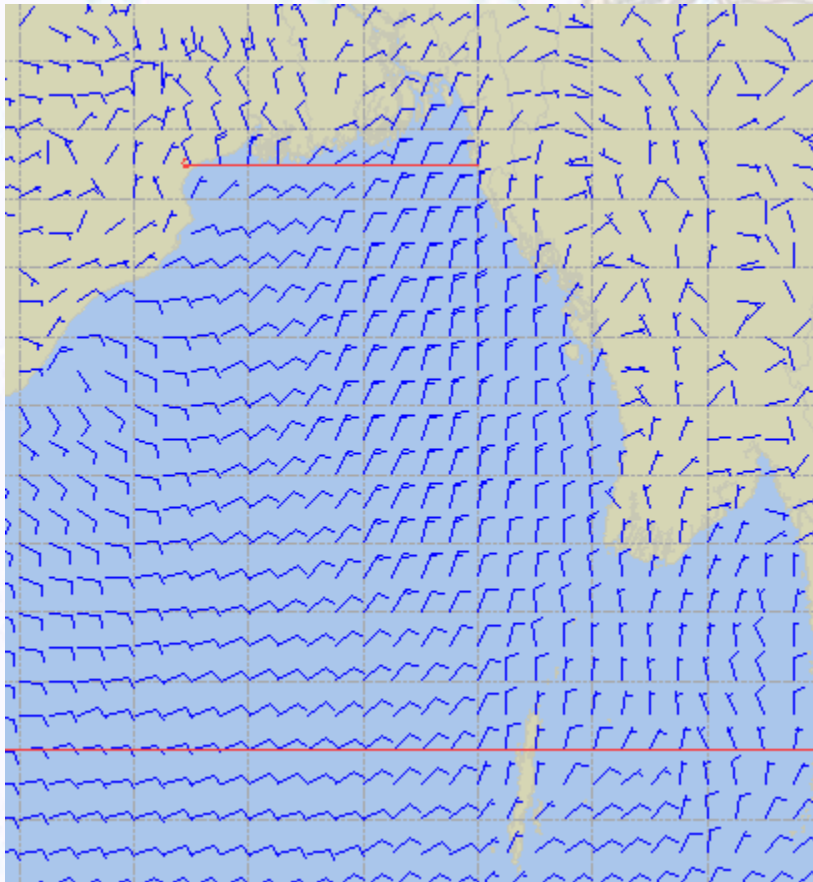
**60 Knots**



# Surface Wind Forecast – 08 & 09 Feb - 2020

08 Feb 2020 Saturday

09 Feb 2020 Sunday



**Legend:**



Calm  
Winds



5 Knots



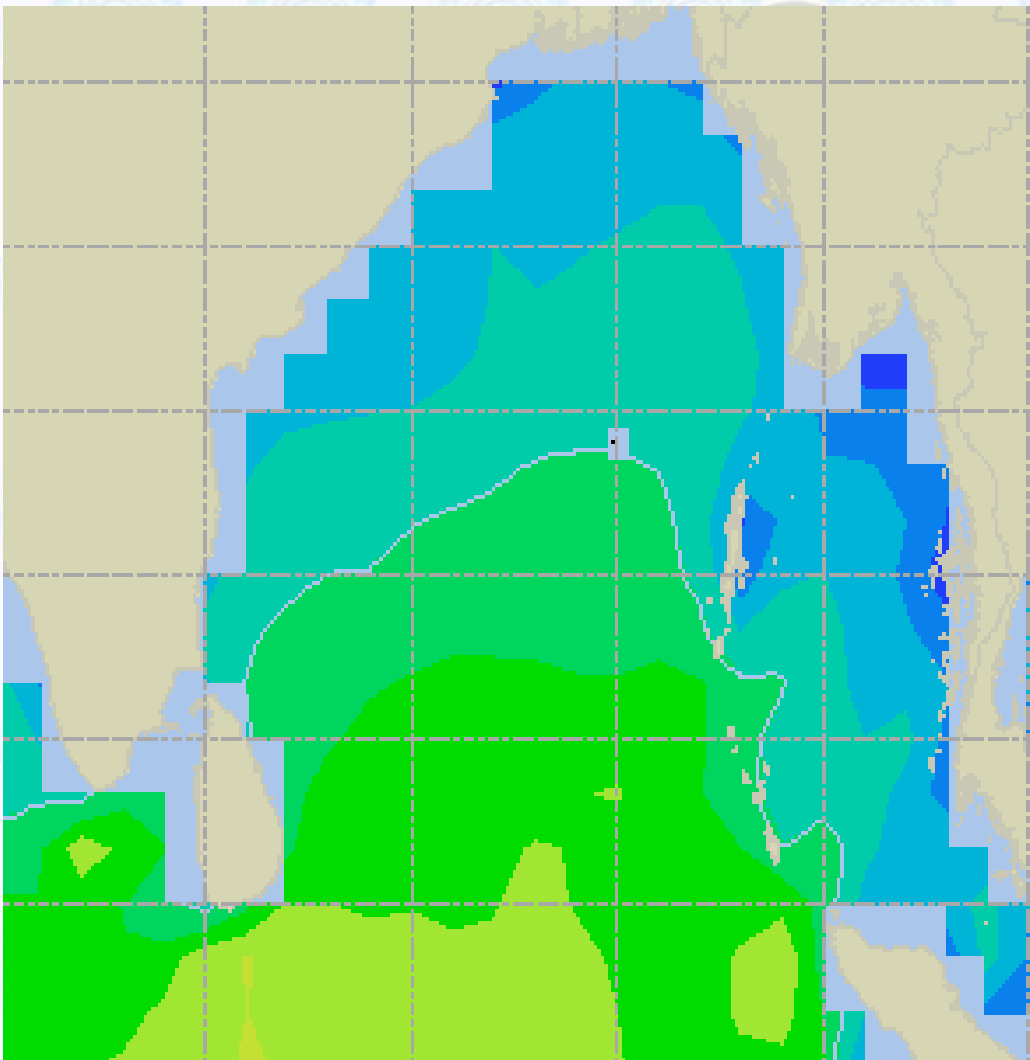
10 Knots



60 Knots



# Sea State Forecast - 07 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

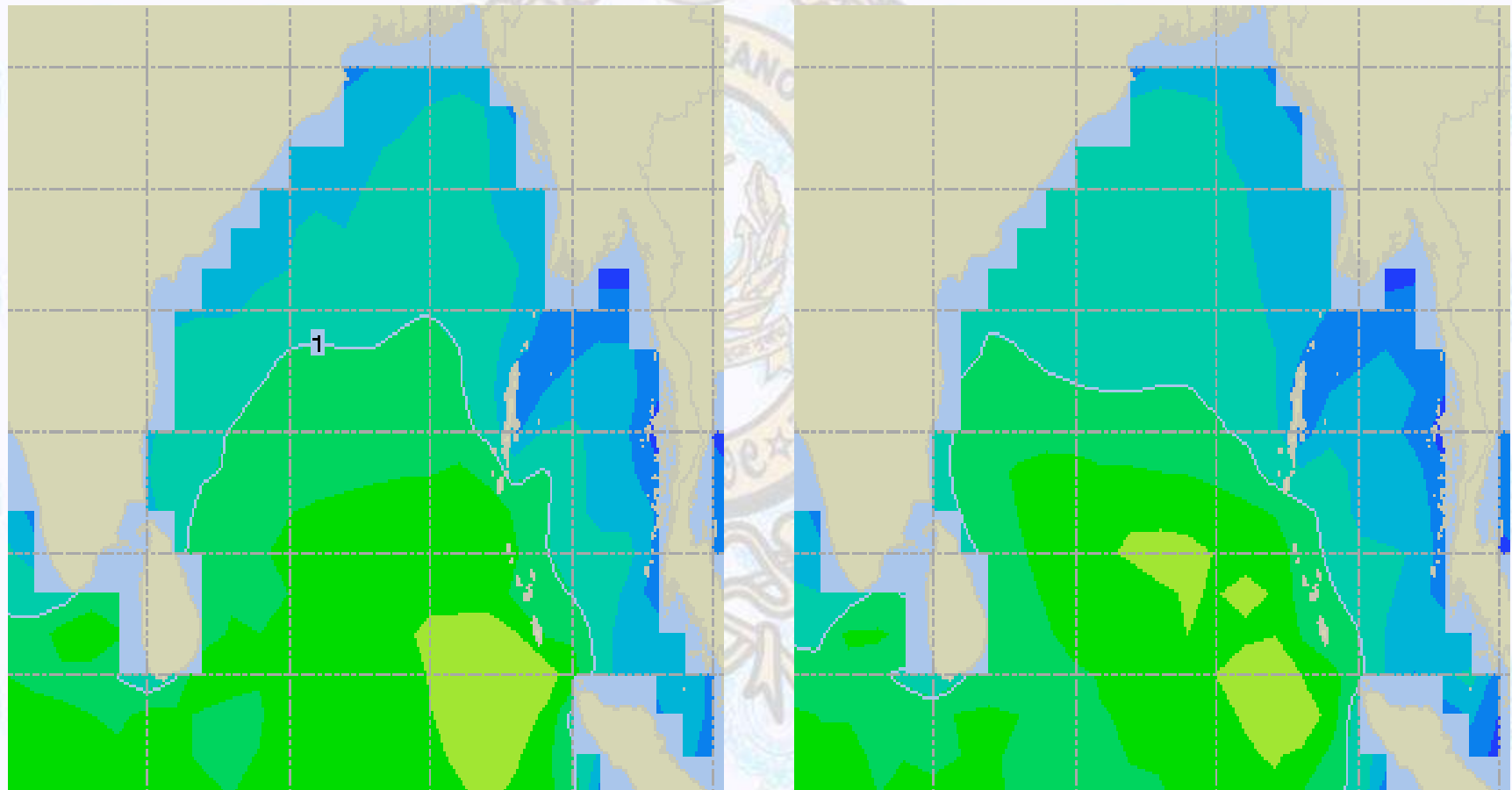




# Sea State Forecast - 08 & 09 Feb - 2020

08 Feb 2020 Saturday

09 Feb 2020 Sunday

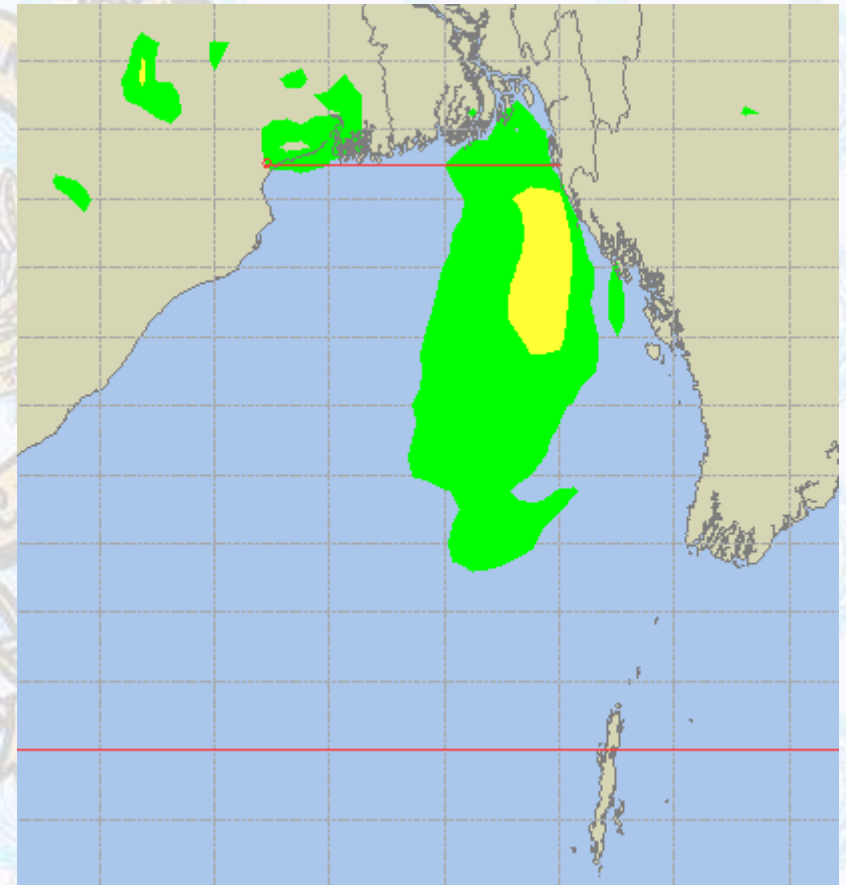
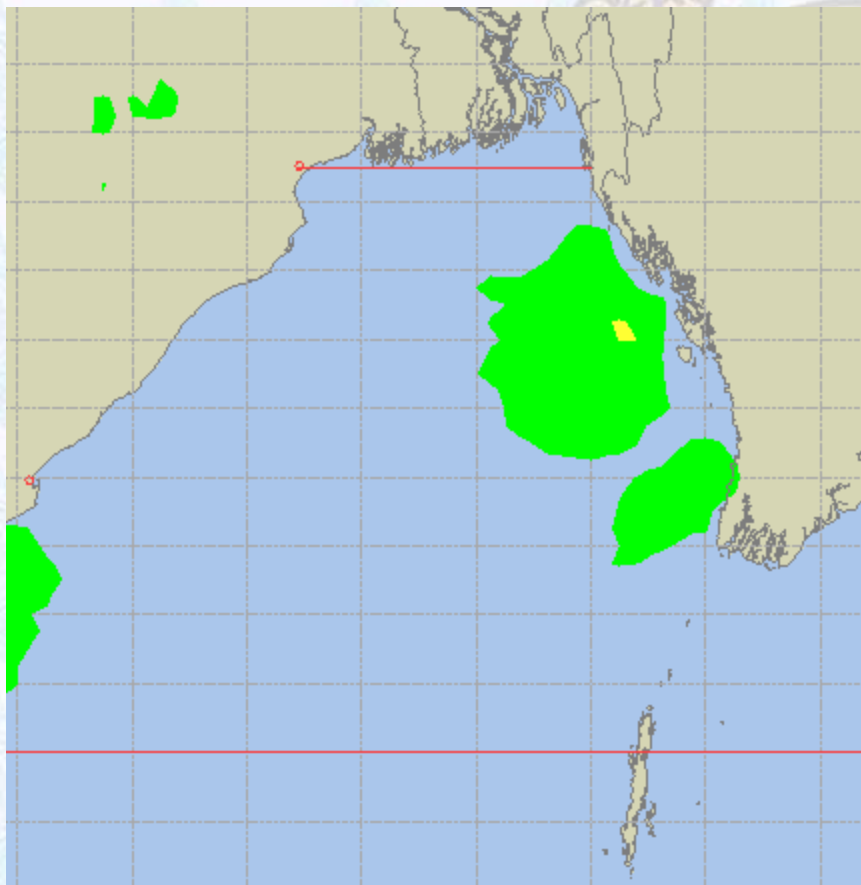




# Peak Gusting Possibilities – 07 & 08 Feb - 2020

07 Feb 2020 Friday

08 Feb 2020 Saturday



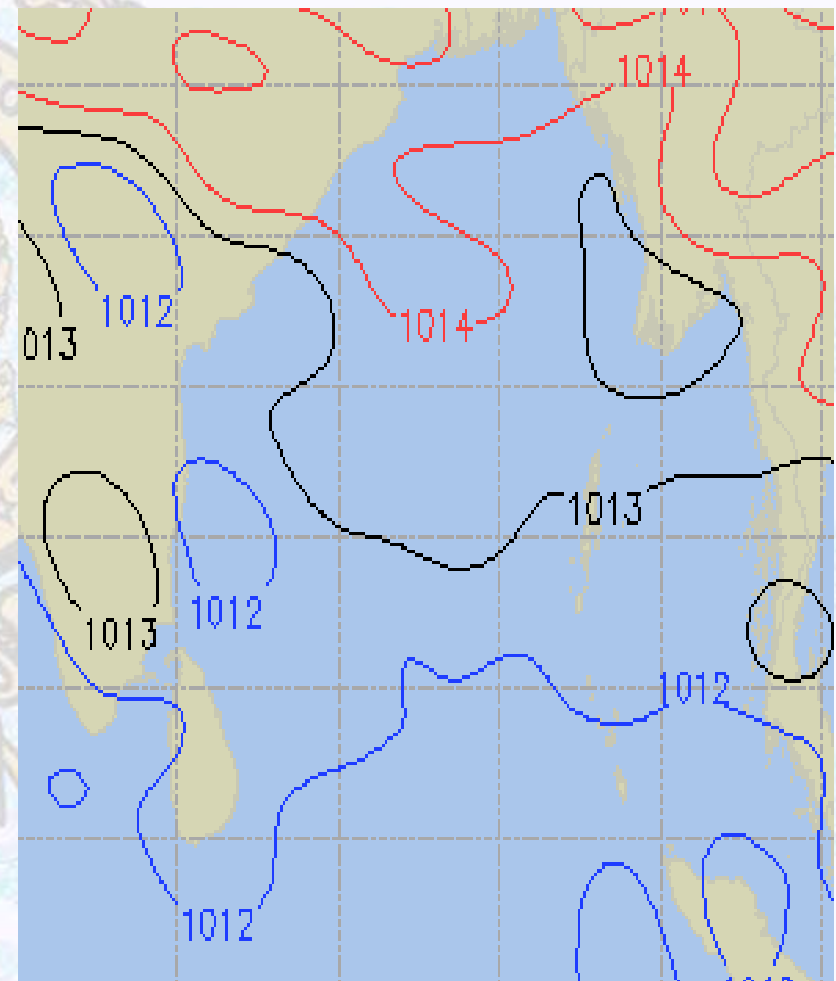
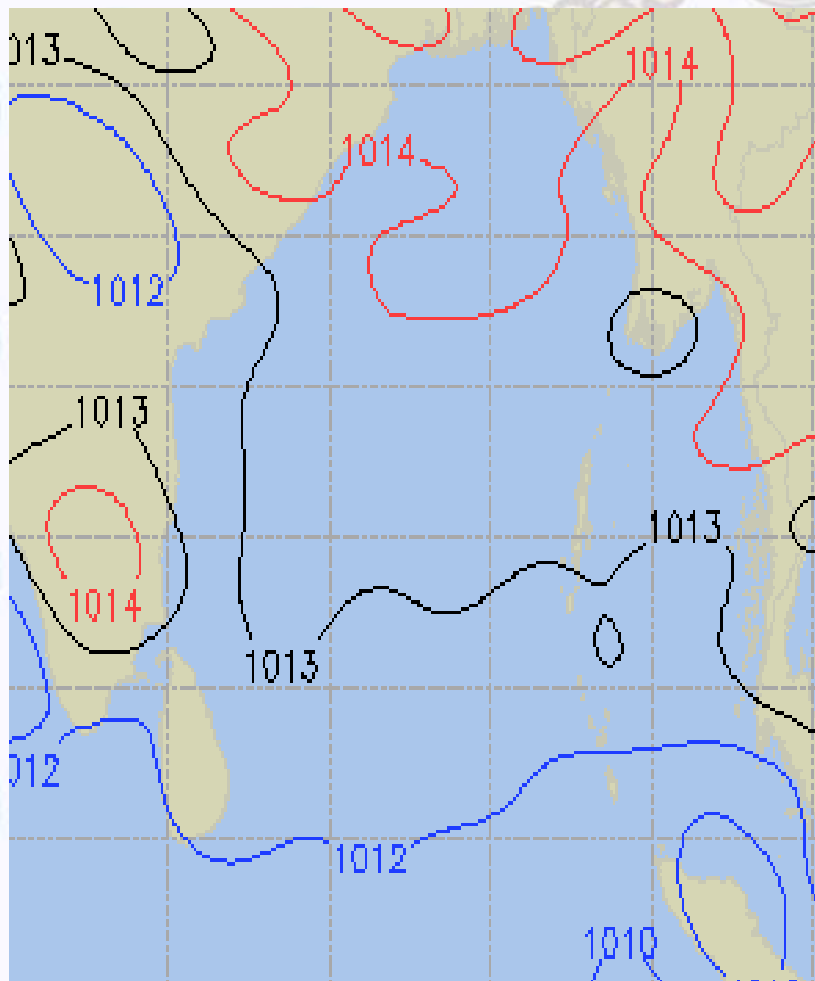




# Surface Pressure forecast – 07 & 08 Feb - 2020

07 Feb 2020 Friday

08 Feb 2020 Saturday

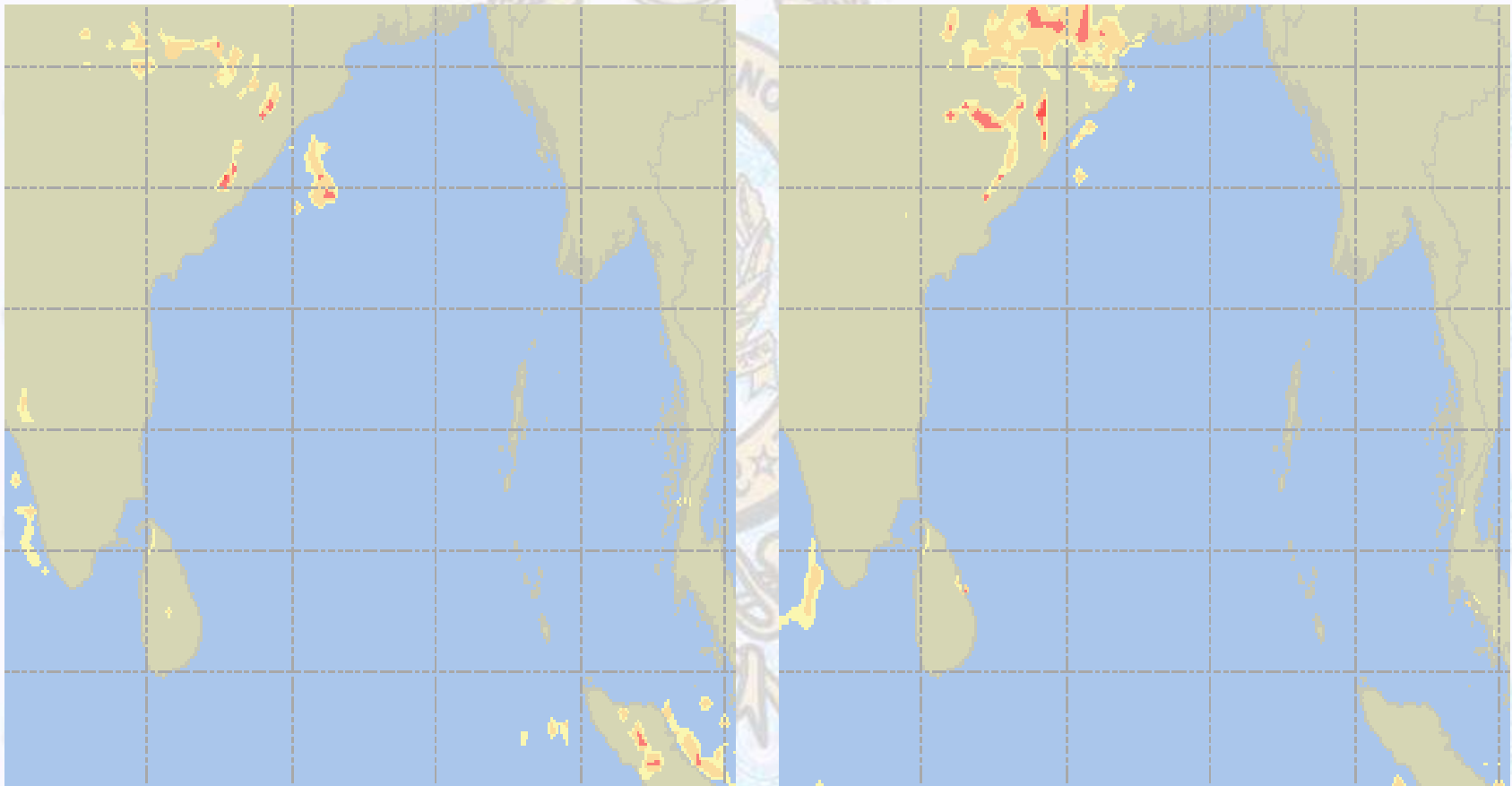




# Visibility at Sea Forecast – 07 & 08 Feb - 2020

07 Feb 2020 Friday

08 Feb 2020 Saturday



**Visibility Scale:**



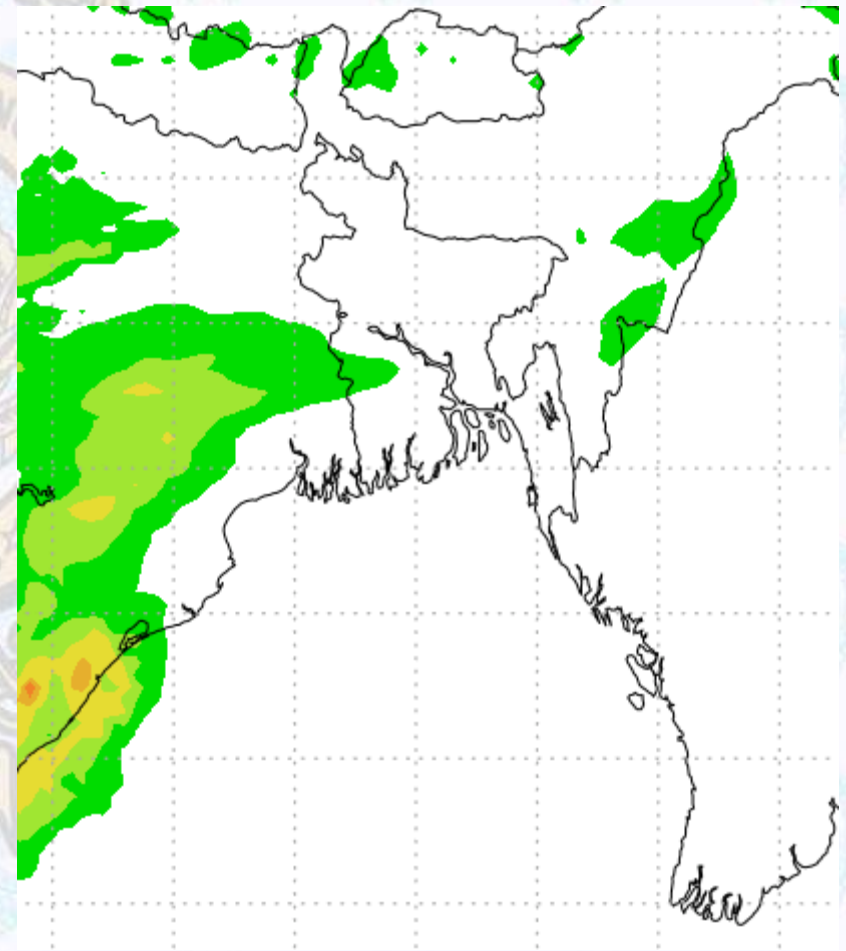
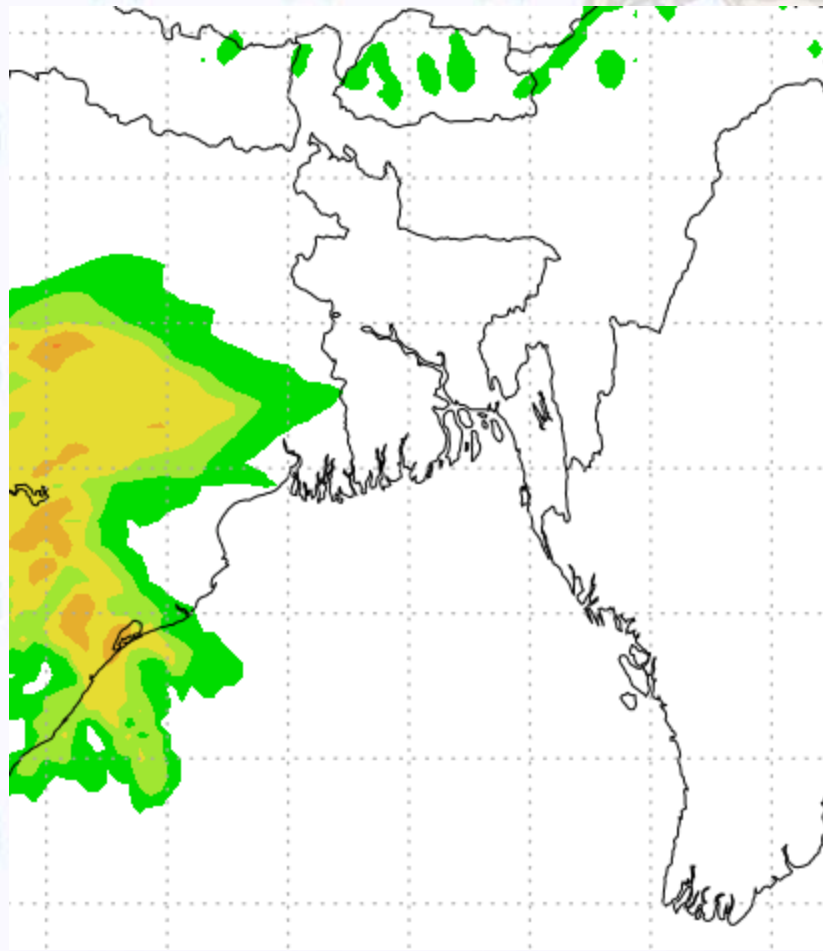
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



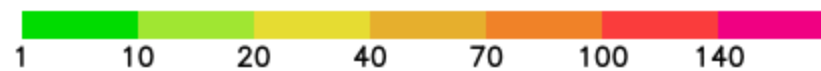
# Precipitation

Rain(mm) 07 & 08 Feb 20

Rain(mm) 08 & 09 Feb 20



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>07Feb 2020</b>	0604	0.86		0333	0.61		0340	0.83
	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
<b>08Feb 2020</b>	Time	Height		Time	Height		Time	Height
	0652	0.69		0421	0.43		0425	0.60
	1229	3.66		0956	2.87		1016	2.46
	1851	0.63		1633	0.30		1622	0.43
	-	-		2223	3.43		2234	2.89
<b>09Feb 2020</b>	Time	Height		Time	Height		Time	Height
	0036	4.27		0506	0.27		0506	0.40
	0734	0.53		1038	3.09		1058	2.63
	1308	3.87		1718	0.16		1706	0.29
	1936	0.50		2304	3.59		2314	3.00