



**WEATHER FORECAST FOR BN**

**24 - 27 - FEB 2020**





# WEATHER FORECAST – DHAKA

## 24.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 17	28 / 16	24 / 18	23 / 18
Wind	6 km/h WNW	6 km/h NW	4 km/h N	4 km/h NNW
Humidity	50%	47%	67%	77%
Chance of Precip	1%	1%	5%	4%
Cloud Cover	68%	58%	52%	54%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 27 AM 5: 59 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 8.05 km

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





# WEATHER FORECAST – CHATTOGRAM

## 24.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 17	27 / 18	22 / 21	21 / 20
Wind	7 km/h WSW	7 km/h WSW	6 km/h SW	1 km/h S
Humidity	47%	56%	90%	98%
Chance of Precip.	1%	1%	5%	7%
Cloud Cover	49%	39%	16%	17%
Conditions	Partly Cloudy/ Sunny	Partly Cloudy/ Sunny	Clear	Clear
Sunrise Sunset	6: 20 AM 5: 55 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 24.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 17	28 / 17	24 / 19	22 / 19
Wind	2 km/h NW	4 km/h WNW	6 km/h S	3 km/h SSE
Humidity	51%	50%	75%	85%
Chance of Precip.	1%	1%	2%	5%
Cloud Cover	77%	59%	34%	40%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 30 AM 6: 04 PM			

### Conditions

Pressure : 1012 hpa

Visibility : 6.44 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	25 Feb 2020	26 Feb 2020	27 Feb 2020
<b>Temperature (C)</b>	25 °C / 18 °C	24 °C / 17 °C	26 °C / 16 °C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy
<b>Sun Rise/Set</b>	6h24m24s/17h59m18s	6h23m30s/17h59m48s	6h22m48s/18h00m12s
<b>Day Length</b>	11h34m54s	11h36m18s	11h37m24s
<b>Moon Rise/ Set</b>	7:32AM 7:27PM	8:04AM 8:18PM	8:36AM 9:06PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 4%	Waxing Crescent, 9%	Waxing Crescent, 15%
<b>NauticalTwilight</b>	0535,1848	0534,1848	0533,1849
<b>Civil Twilight</b>	0601,1821	0600,1822	0600,1822
<b>Humidity</b>	D : 78%    N : 88%	D : 84%    N : 94%	D : 78%    N : 85%
<b>Barometer (mb)</b>	1013	1013	1014
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	50%	80%	20%
<b>Wind (mph)</b>	9 Km/h    NNE	10 Km/h    S	7 Km/h    NNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	25 Feb 2020	26 Feb 2020	27 Feb 2020
<b>Temperature (C)</b>	26 °C/ 19 °C	23 °C/ 17 °C	25 °C/ 17 °C
<b>Summary</b>	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	6h17m24s/17h54m36s	6h16m30s/17h55m06s	6h15m54s/17h55m30s
<b>Day Length</b>	11h37m12s	11h38m36s	11h39m36s
<b>Moon Rise/ Set</b>	7:25AM 7:22PM	7:58AM 8:10PM	8:30AM 8:59PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 4%	Waxing Crescent, 9%	Waxing Crescent, 15%
<b>Nautical Twilight</b>	0529, 1843	0528, 1843	0527, 1843
<b>Civil Twilight</b>	0555, 1816	0554, 1817	0553, 1817
<b>Humidity</b>	D : 82% N : 89%	D : 86% N : 98%	D : 83% N : 91%
<b>Barometer (mb)</b>	1014	1013	1015
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	40%	10%
<b>Wind (mph)</b>	12 km/Hw WNW	11 km/h NNW	12 km/h NW

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





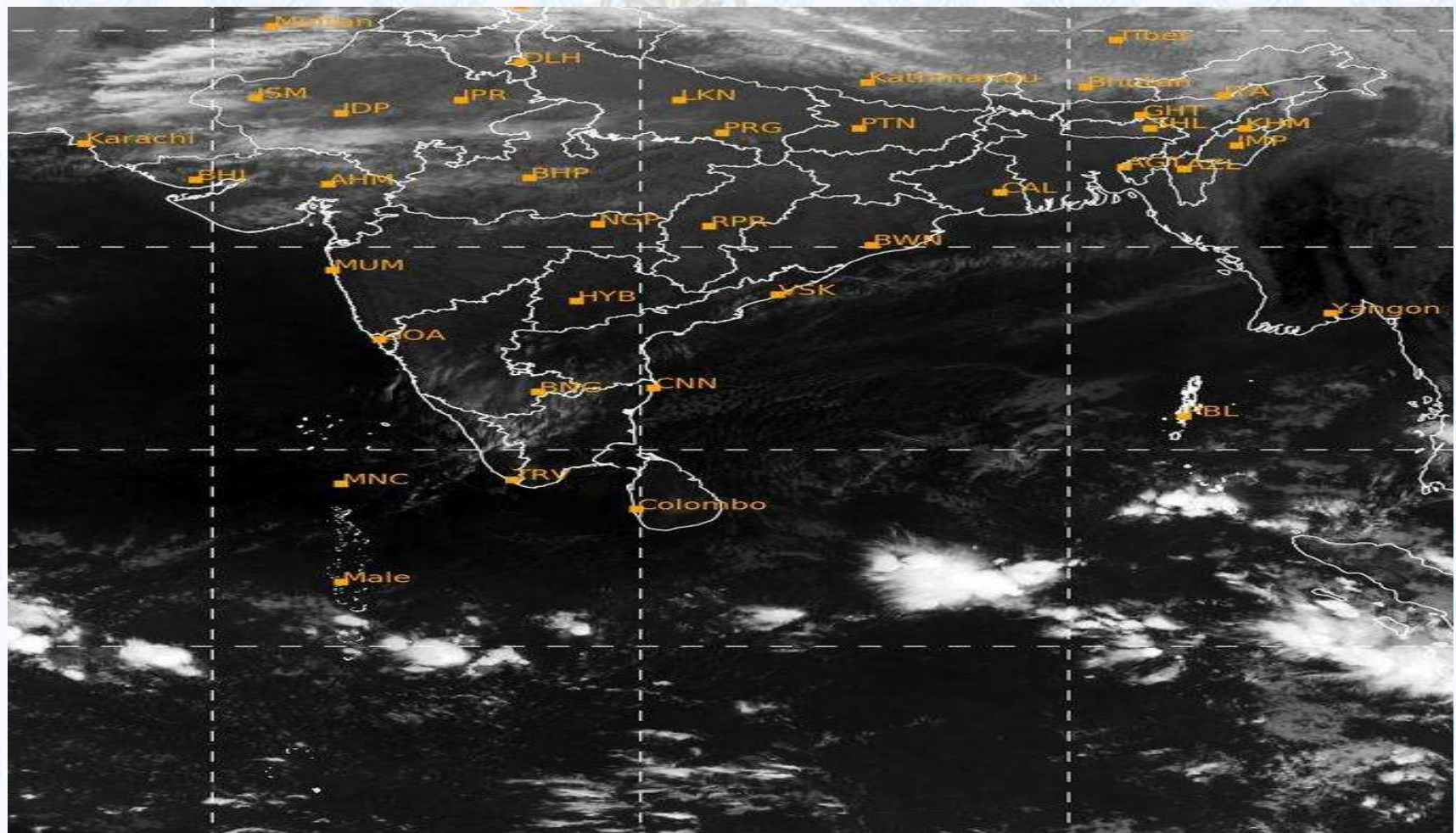
# GENERAL WEATHER FORECAST – KHULNA

Description	25 Feb 2020	26 Feb 2020	27 Feb 2020
<b>Temperature(C)</b>	25 °C/ 18 °C	25 °C/ 17 °C	27 °C/ 17 °C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy
<b>Sun Rise/Set</b>	6h26m54s/18h03m24s	6h26m06s/18h03m54s	6h25m30s/18h04m18s
<b>Day Length</b>	11h36m30s	11h37m48s	11h38m48s
<b>Moon Rise/Set</b>	7:35AM 7:32PM	8:08AM 8:20PM	8:40AM 9:10PM
<b>Moon Phase/illu</b>	Waxing Crescent, 4%	Waxing Crescent, 9%	Waxing Crescent, 15%
<b>Nautical Twilight</b>	0538, 1851	0537, 1852	0536, 1852
<b>Civil Twilight</b>	0604.,1825	0603.,1826	0603.,1826
<b>Humidity</b>	D : 80%    N : 91%	D : 87%    N : 95%	D : 74%    N : 85%
<b>Barometer (mb)</b>	1013	1013	1014
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	40%	80%	10%
<b>Wind (mph)</b>	10 km/h NNE	12 km/h SSW	8 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



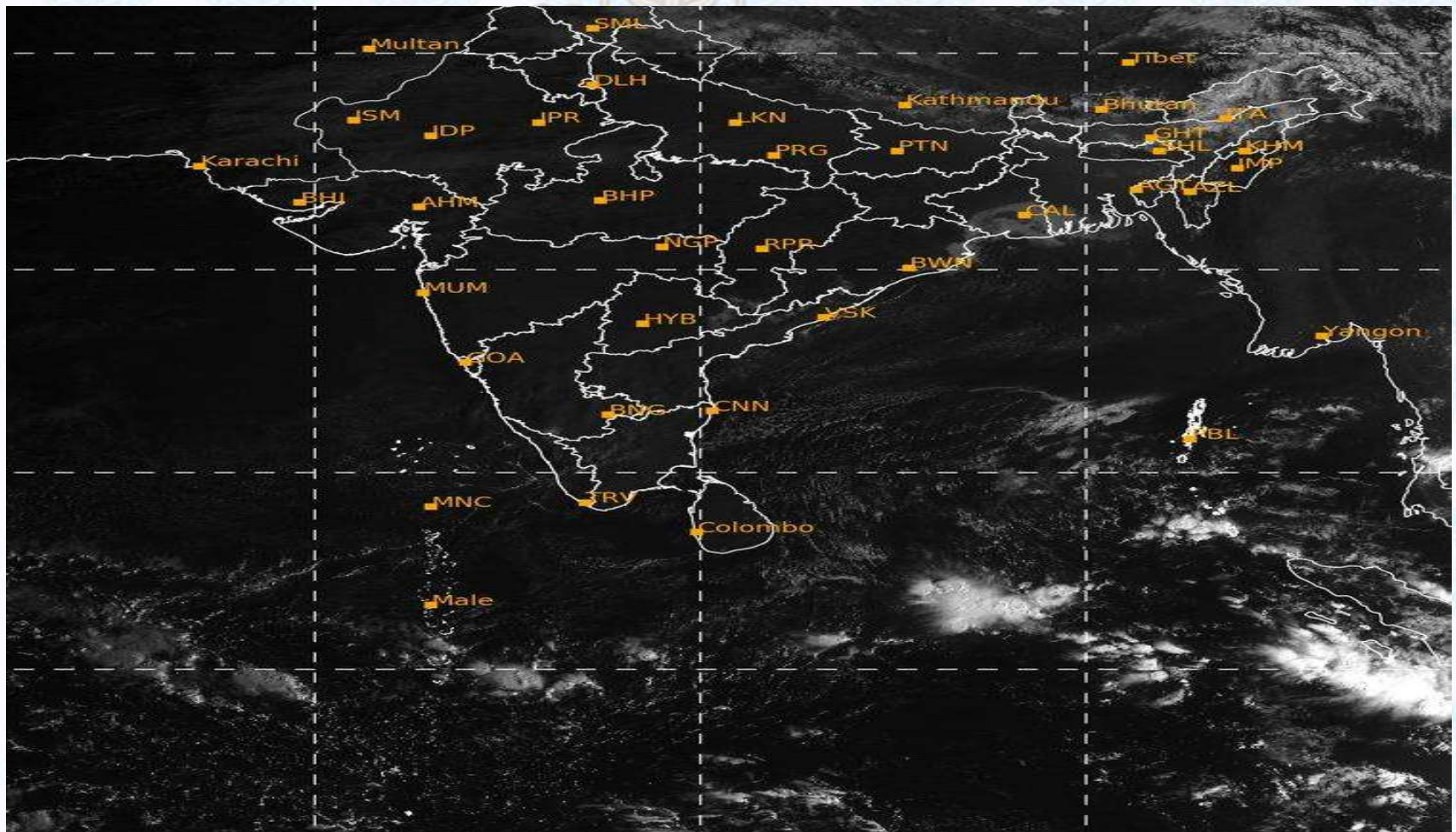
24/02/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



24/02/2020, 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 24.02.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	PARTLY CLOUDY OVER AREA C-90.
	Wind	WEST/SOUTH-WESTERLY, 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 2000 M OR LESS IN MIST/HAZE..
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =24,0000 UTC. CHATTOGRAM =1014 HPA





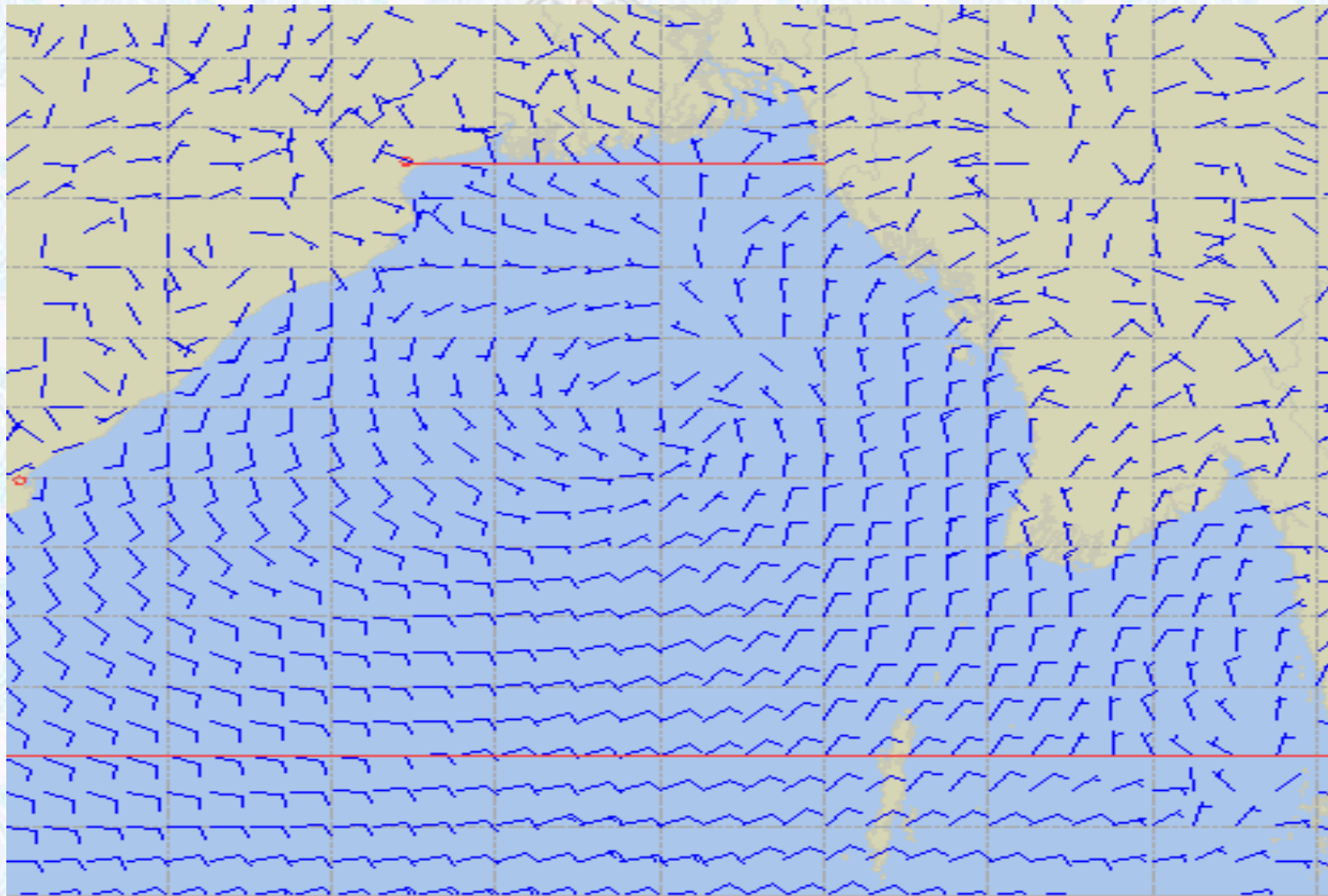
# Inland River Port Warning (VALID TILL 06 PM OF 24.02.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY WEST/NORTH-WESTERLY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, BOGURA, PABNA, JASHORE AND KUSHTIA WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE..

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



# Surface Wind Forecast- 25 Feb - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



60 Knots

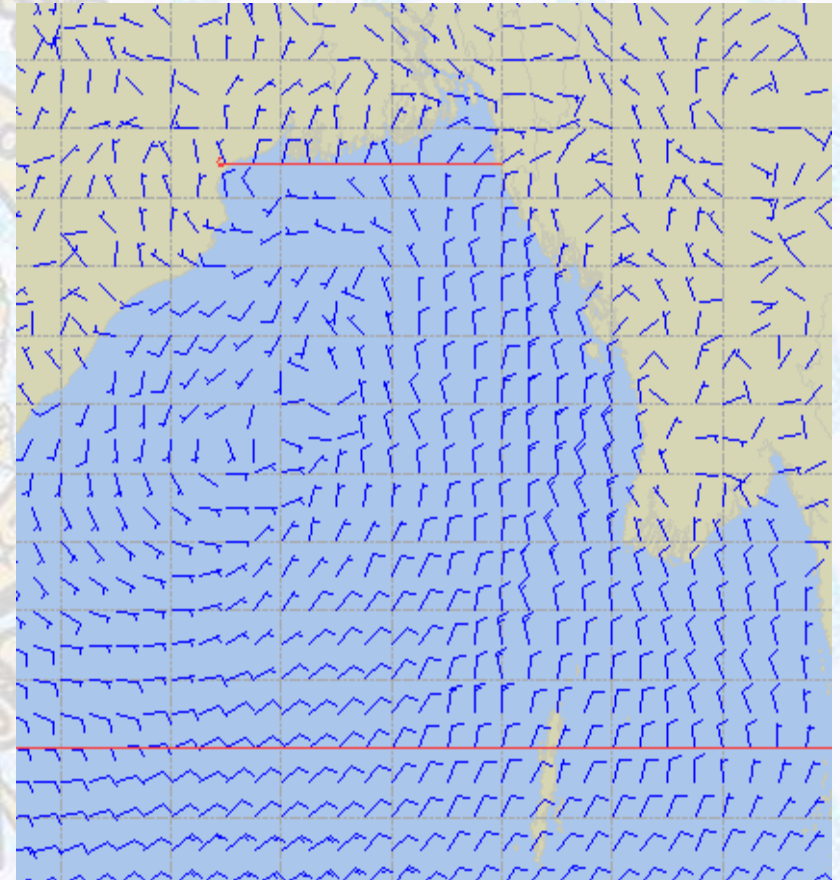
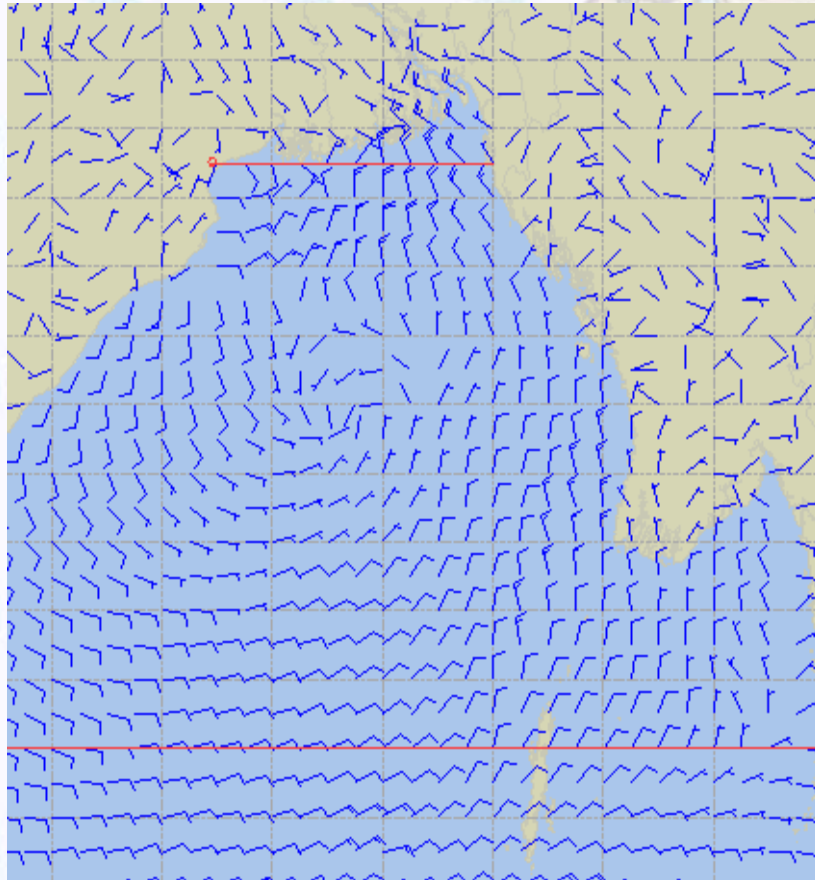




# Surface Wind Forecast – 26 & 27 Feb - 2020

26 Feb 2020 Wednesday

27 Feb 2020 Thursday



## Legend:



Calm  
Winds



5 Knots



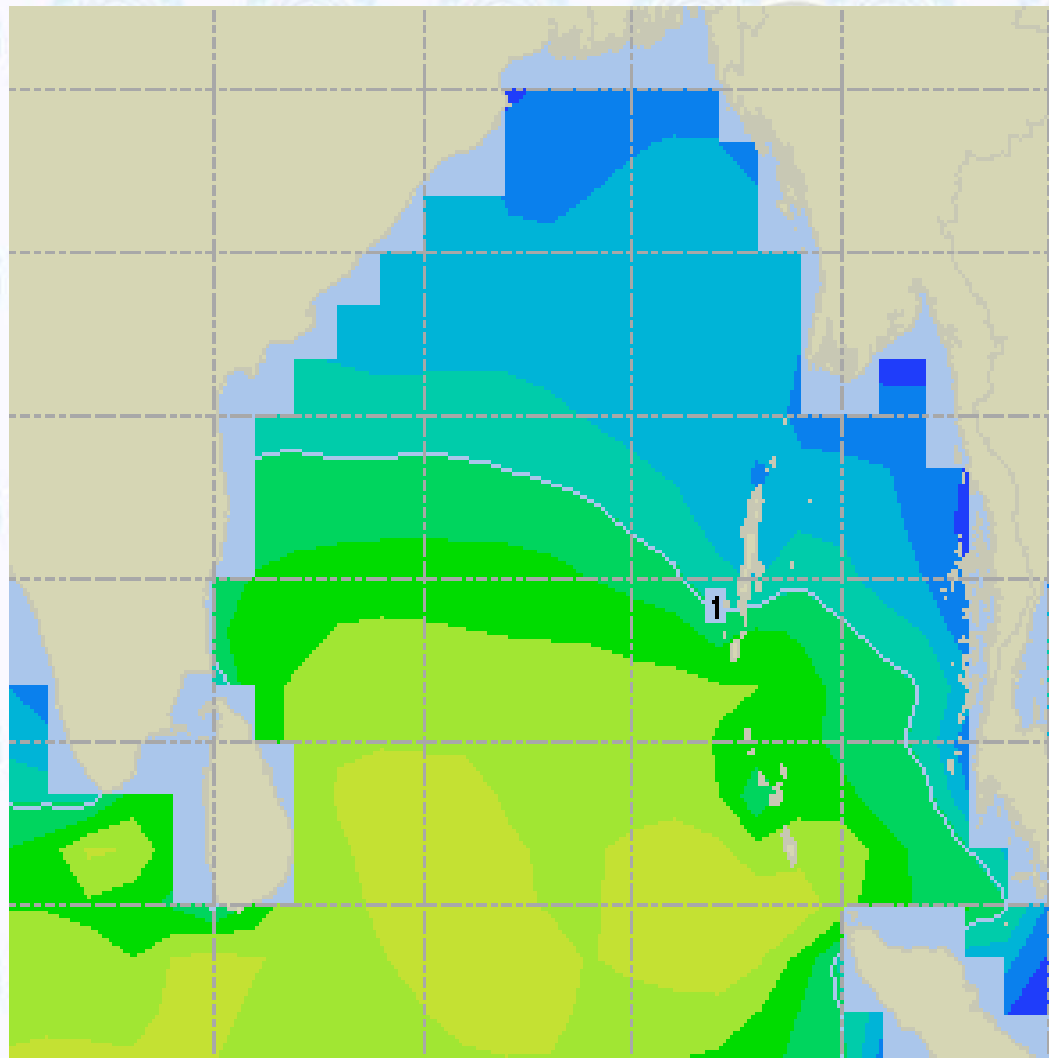
10 Knots



60 Knots



# Sea State Forecast - 25 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



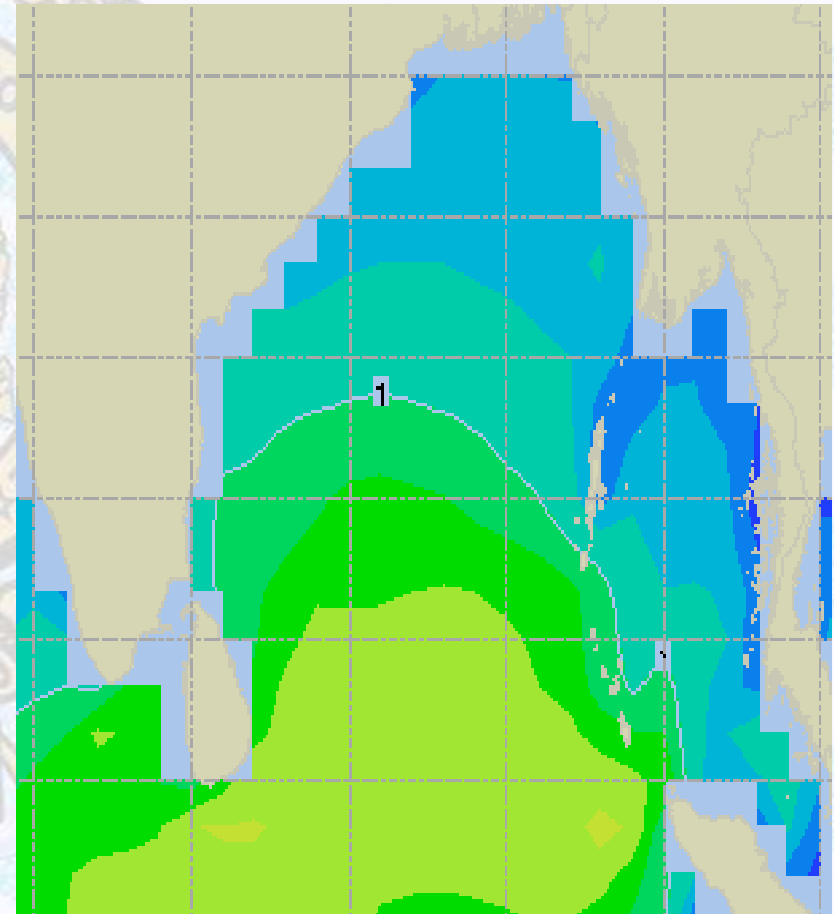
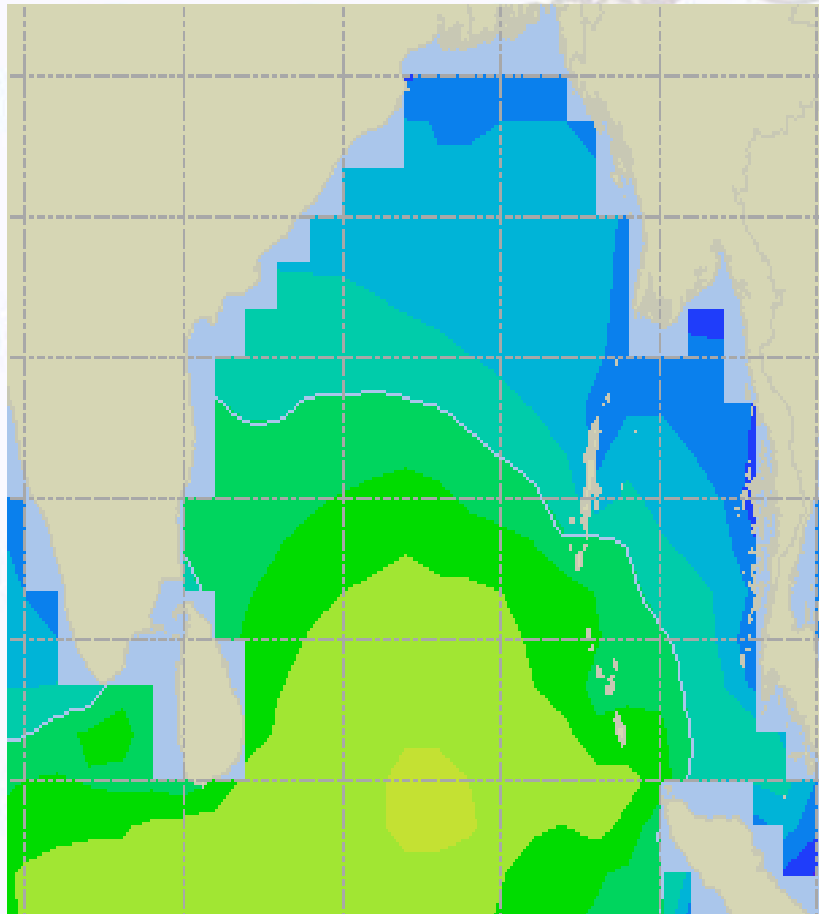




# Sea State Forecast - 26 & 27 Feb - 2020

26 Feb 2020 Wednesday

27 Feb 2020 Thursday

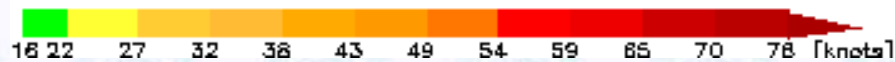
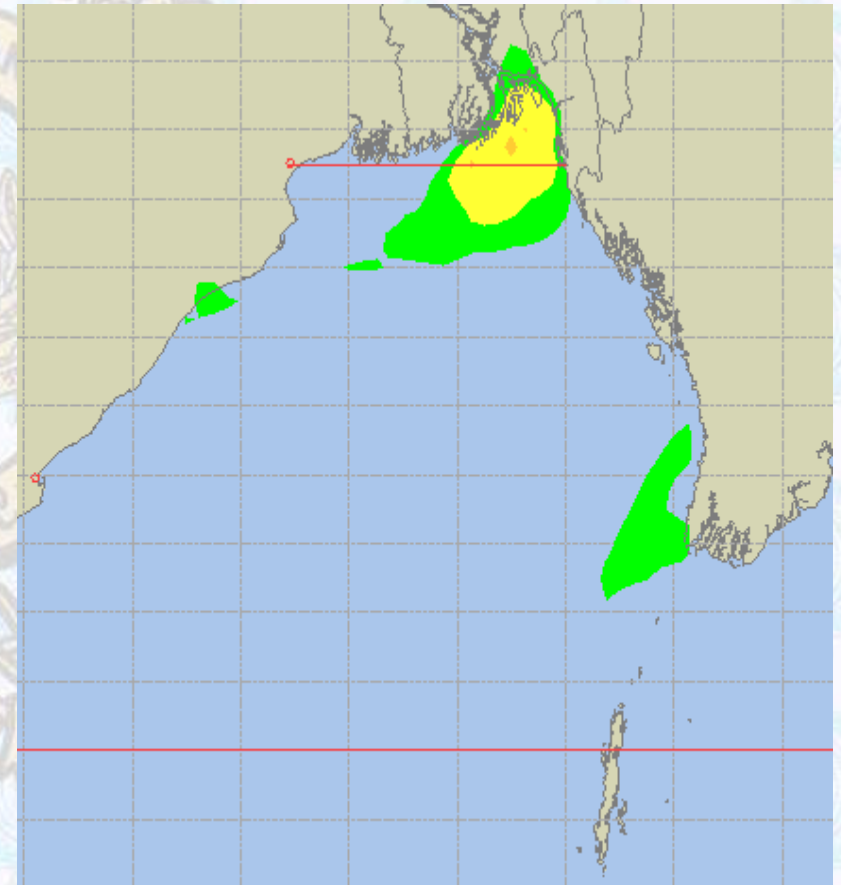
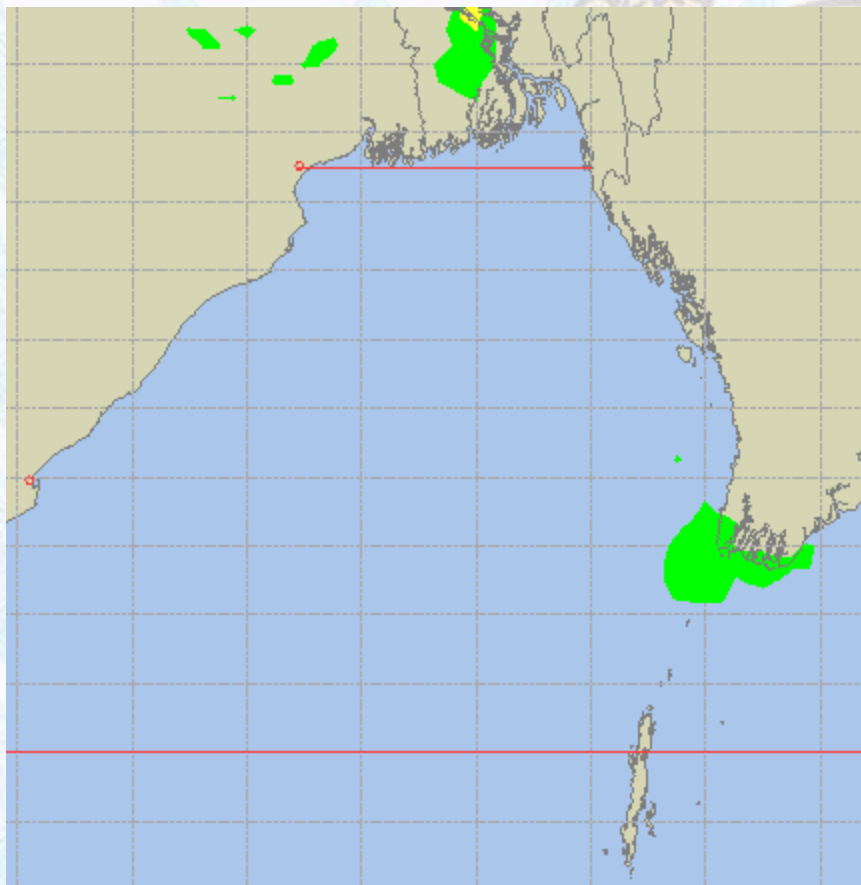




# Peak Gusting Possibilities – 25 & 26 Feb - 2020

25 Feb 2020 Tuesday

26 Feb 2020 Wednesday



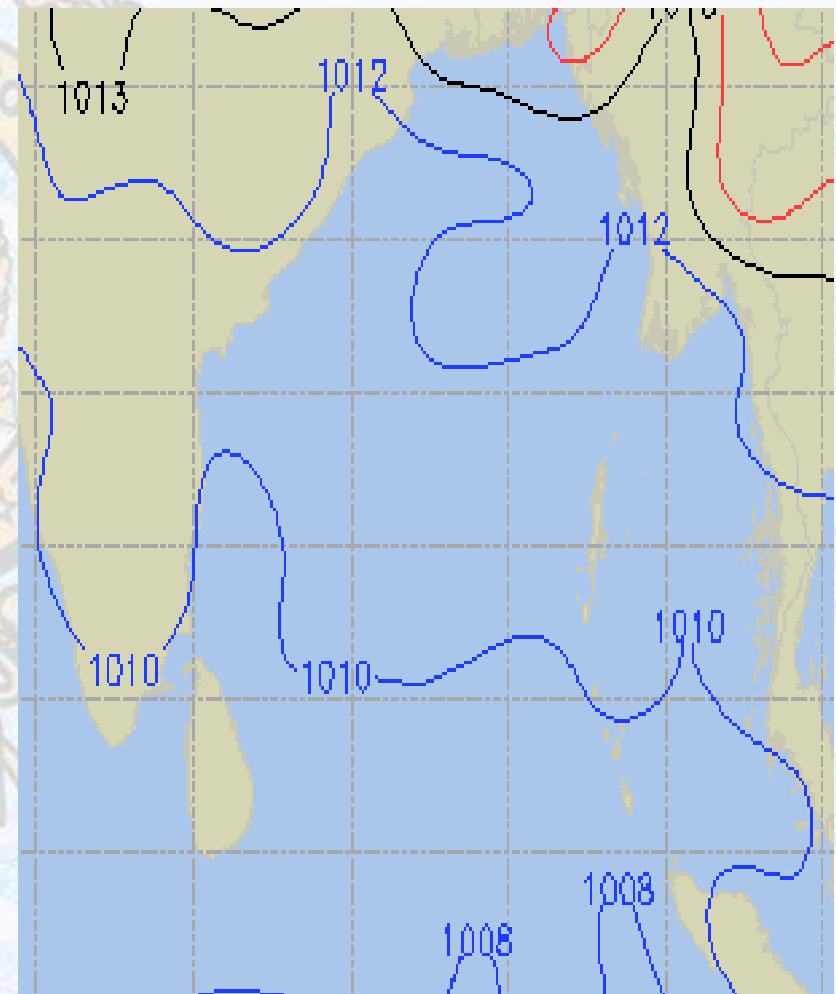
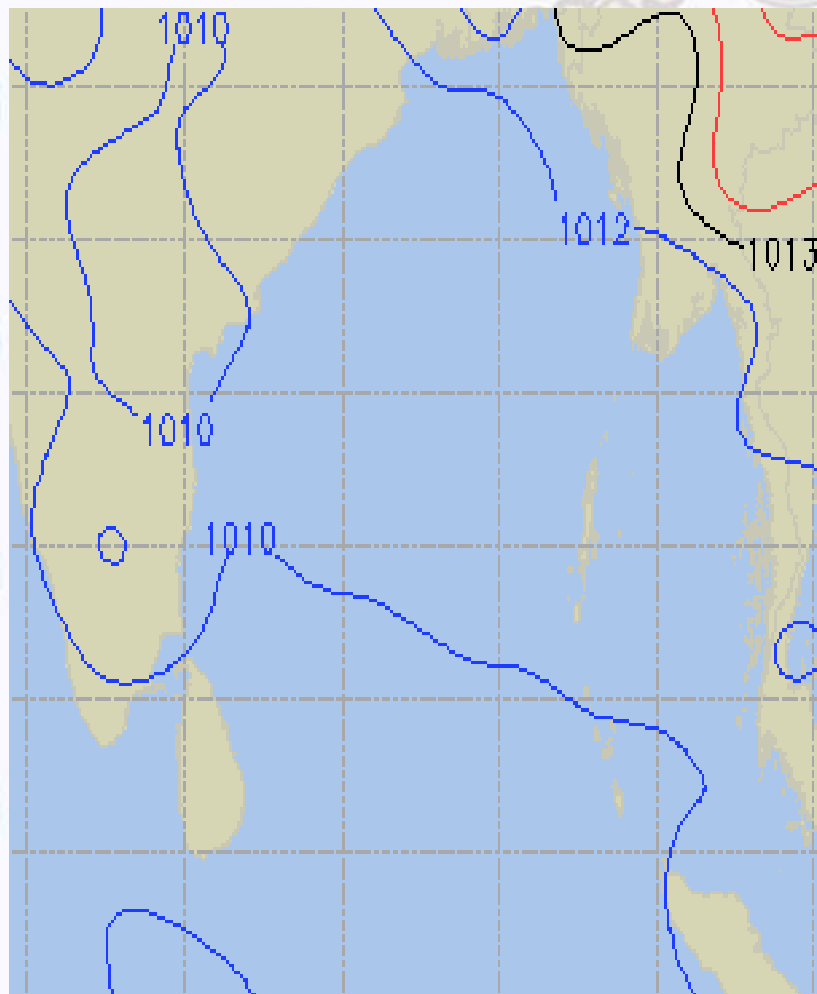




# Surface Pressure forecast – 25 & 26 Feb - 2020

25 Feb 2020 Tuesday

26 Feb 2020 Wednesday

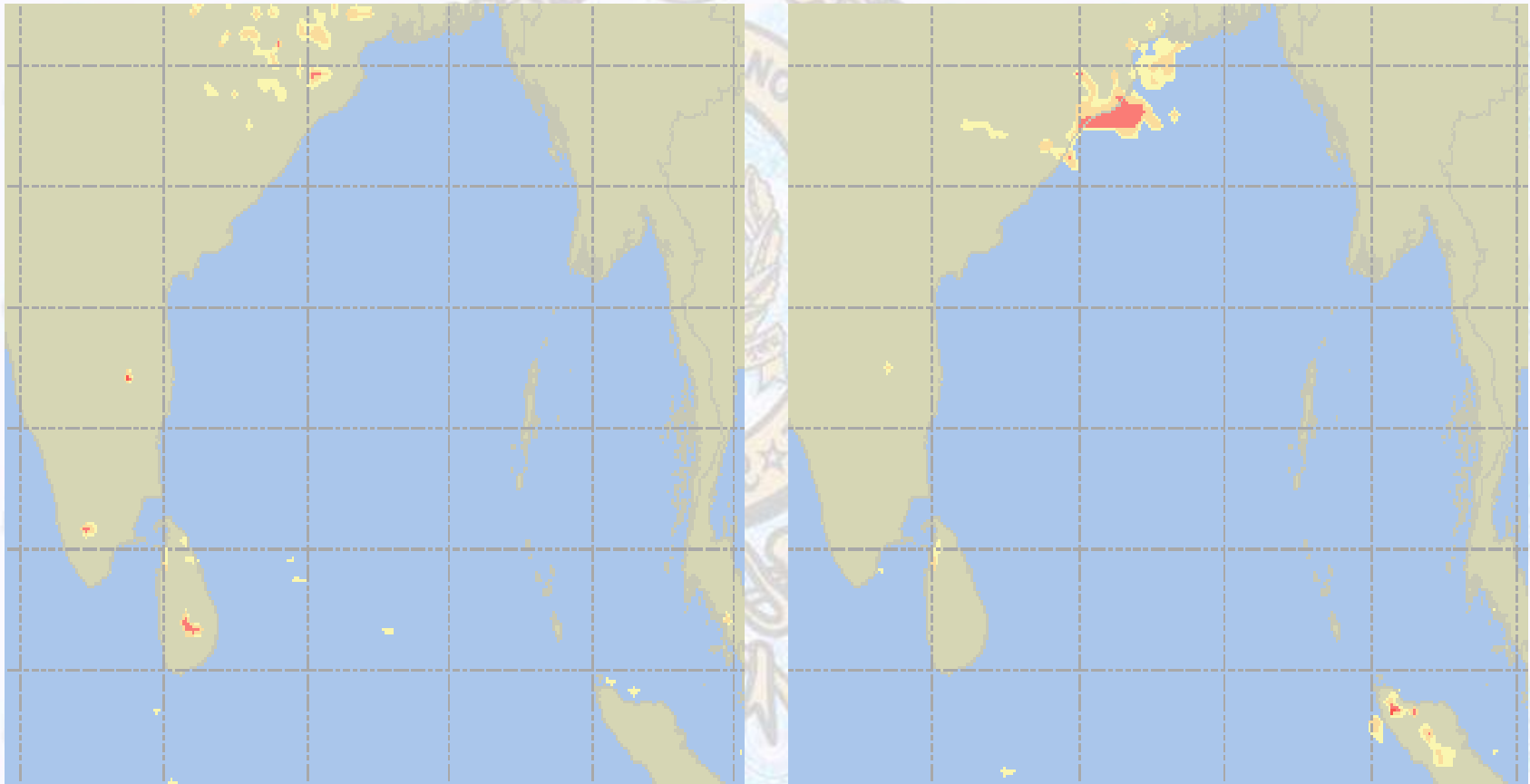




# Visibility at Sea Forecast – 25 & 26 Feb - 2020

25 Feb 2020 Tuesday

26 Feb 2020 Wednesday



**Visibility Scale:**



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

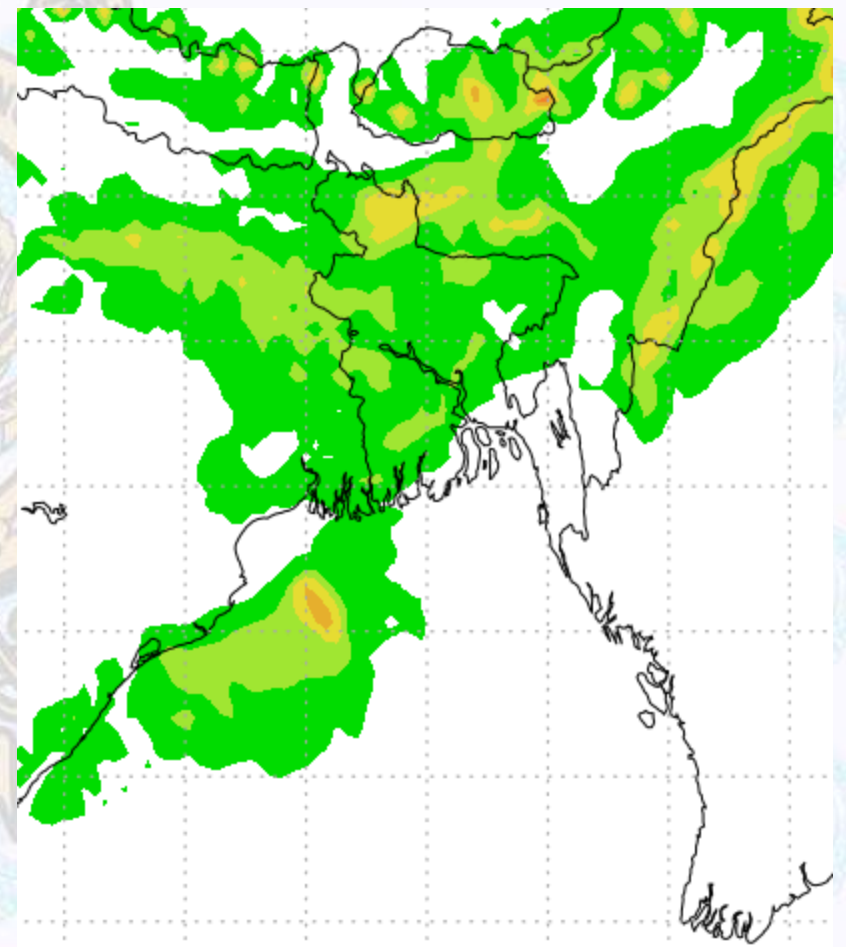
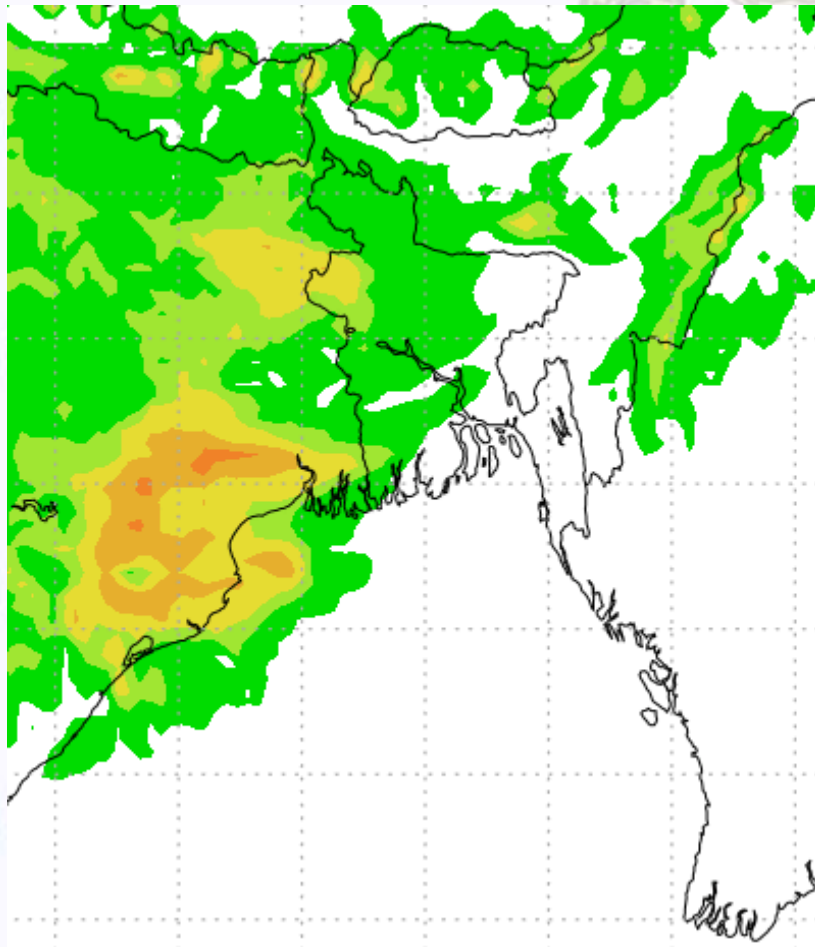




# Precipitation

**Rain(mm) 25 & 26 Feb 20**

**Rain(mm) 26 & 27 Feb 20**



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>25Feb 2020</b>	0150	4.26		0614	0.21		0603	0.37
	0833	0.36		1151	3.00		1159	2.64
	1413	4.04		1823	0.22		1806	0.43
	2034	0.46		-	-		-	-
<b>26Feb 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0214	4.30		0007	3.27		0005	2.75
	0856	0.32		0642	0.20		0627	0.37
	1437	4.09		1222	2.98		1225	2.64
	2100	0.44		1852	0.24		1832	0.47
<b>27Feb 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0241	4.28		0037	3.19		0030	2.70
	0919	0.28		0709	0.22		0650	0.38
	1503	4.10		1253	2.92		1251	2.62
	2128	0.46		1920	0.28		1900	0.54