



# **WEATHER FORECAST FOR BN**

**26 - 29 - FEB 2020**





# WEATHER FORECAST – DHAKA

## 26.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 18	25 / 17	21 / 18	19 / 18
Wind	7 km/h SSW	7 km/h SW	4 km/h ENE	3 km/h SE
Humidity	63%	61%	81%	90%
Chance of Precip	44%	24%	22%	24%
Cloud Cover	50%	30%	29%	28%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 25 AM 6: 00 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 11.44 km

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



# WEATHER FORECAST – CHATTOGRAM

## 26.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 20	27 / 21	23 / 20	22 / 20
Wind	7 km/h W	6 km/h NW	4 km/h ENE	3 km/h NE
Humidity	78%	79%	91%	97%
Chance of Precip.	2%	17%	22%	16%
Cloud Cover	90%	77%	50%	50%
Conditions	Cloudy	Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 18 AM 5: 55 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 26.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	22 / 19	22 / 19	21 / 19	20 / 18
Wind	12 km/h NW	10 km/h N	3 km/h NE	1 km/h ESE
Humidity	82%	84%	88%	93%
Chance of Precip.	3%	4%	16%	23%
Cloud Cover	93%	88%	75%	63%
Conditions	Partly Cloudy	Partly Cloudy	Mostly Clear	Clear
Sunrise Sunset	6: 28 AM 6: 05 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	27 Feb 2020	28 Feb 2020	29 Feb 2020
<b>Temperature (C)</b>	27°C/ 16°C	29°C/ 17°C	30°C/ 17°C
<b>Summary</b>	Mostly Sunny	Sunny	Partly Cloudy
<b>Sun Rise/Set</b>	6h22m48s/18h00m12s	6h22m06s/18h00m30s	6h21m36s/18h00m54s
<b>Day Length</b>	11h37m24s	11h38m24s	11h39m18s
<b>Moon Rise/ Set</b>	8:36AM 9:06PM	9:09AM 9:56PM	9:42AM 10:46PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 15%	Waxing Crescent, 23%	Waxing Crescent, 31%
<b>Nautical Twilight</b>	0533,1849	0533,1849	0534,1849
<b>Civil Twilight</b>	0600,1822	0559,1823	0559,1824
<b>Humidity</b>	D : 72%    N : 82%	D : 62%    N : 76%	D : 58%    N : 73%
<b>Barometer (mb)</b>	1013	1012	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	7 Km/h N	6 Km/h N	6 Km/h NW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	27 Feb 2020	28 Feb 2020	29 Feb 2020
<b>Temperature (C)</b>	27°C/ 16°C	28°C/ 16°C	29°C/ 17°C
<b>Summary</b>	AM Fog/ PM Sun	Sunny	Sunny
<b>Sun Rise/Set</b>	6h15m54s/17h55m30s	6h15m18s/17h55m48s	6h14m54s/17h56m06s
<b>Day Length</b>	11h39m36s	11h40m30s	11h41m12s
<b>Moon Rise/ Set</b>	8:30AM 8:59PM	9:03AM 9:49PM	9:42AM 10:46PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 15%	Waxing Crescent, 23%	Waxing Crescent, 31%
<b>NauticalTwilight</b>	0527, 1843	0526, 1844	0526, 1844
<b>Civil Twilight</b>	0553,1817	0552,1818	0552,1818
<b>Humidity</b>	D : 78% N : 89%	D : 70% N : 84%	D : 65% N : 85%
<b>Barometer (mb)</b>	1014	1013	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	1 %
<b>Wind (mph)</b>	11 km/h NW	11 km/h NW	10 km/h NW

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



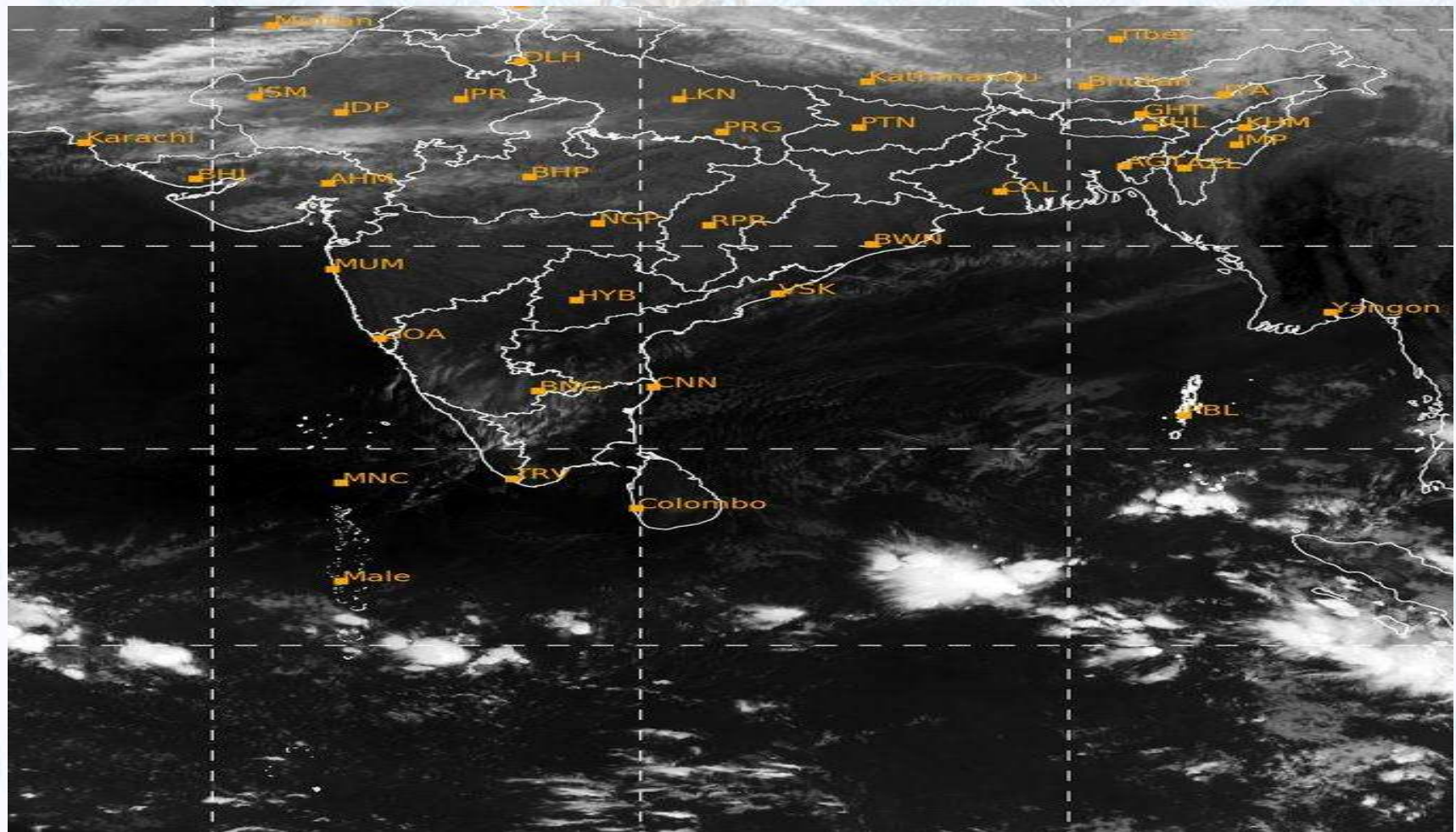
# GENERAL WEATHER FORECAST – KHULNA

Description	27 Feb 2020	28 Feb 2020	29 Feb 2020
<b>Temperature(C)</b>	26°C/ 16°C	28°C/ 16°C	29°C/ 17°C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	6h25m30s/18h04m18s	6h24m48s/18h04m36s	6h24m24s/18h04m54s
<b>Day Length</b>	11h38m48s	11h39m48s	11h40m30s
<b>Moon Rise/Set</b>	8:40AM 9:10PM	9:14AM 9:59PM	9:42AM 10:46PM
<b>Moon Phase/illu</b>	Waxing Crescent, 15%	Waxing Crescent, 23%	Waxing Crescent, 31%
<b>Nautical Twilight</b>	0536, 1852	0536, 1853	0536, 1853
<b>Civil Twilight</b>	0603.,1826	0602.,1827	0602.,1827
<b>Humidity</b>	D : 74%    N : 74%	D : 64%    N : 78%	D : 60%    N : 76%
<b>Barometer (mb)</b>	1014	1014	1013
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	10%	10%
<b>Wind (mph)</b>	8 km/h NW	9 km/h NNW	9 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



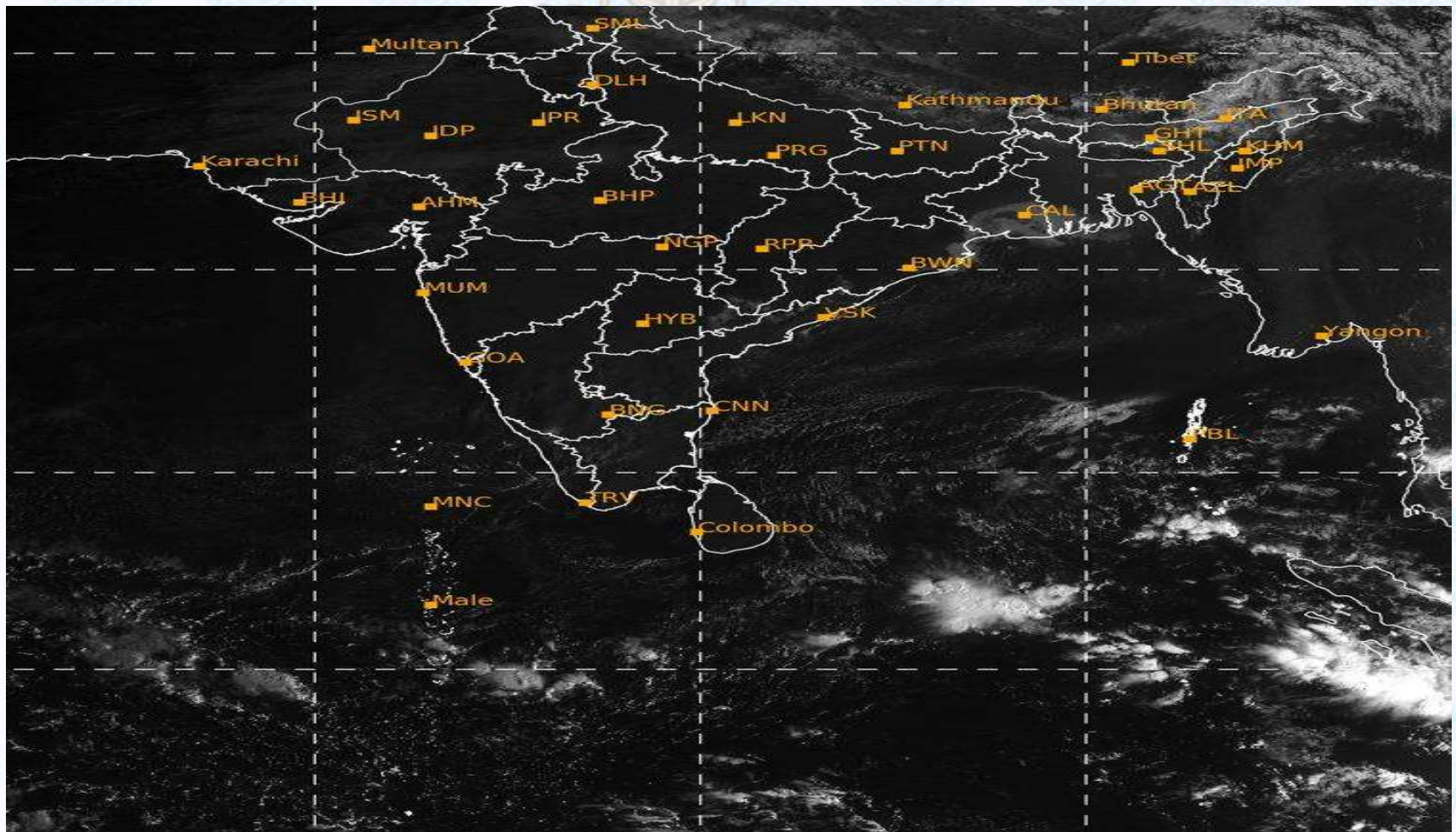
26/02/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



26/02/2020, 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 26.02.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	PARTLY CLOUDY TO TEMPORARY CLOUDY OVER AREA C-90.
	Wind	NORTH/ NORTH-EASTERLY, 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =26,0000 UTC. CHATTOGRAM =1012 HPA



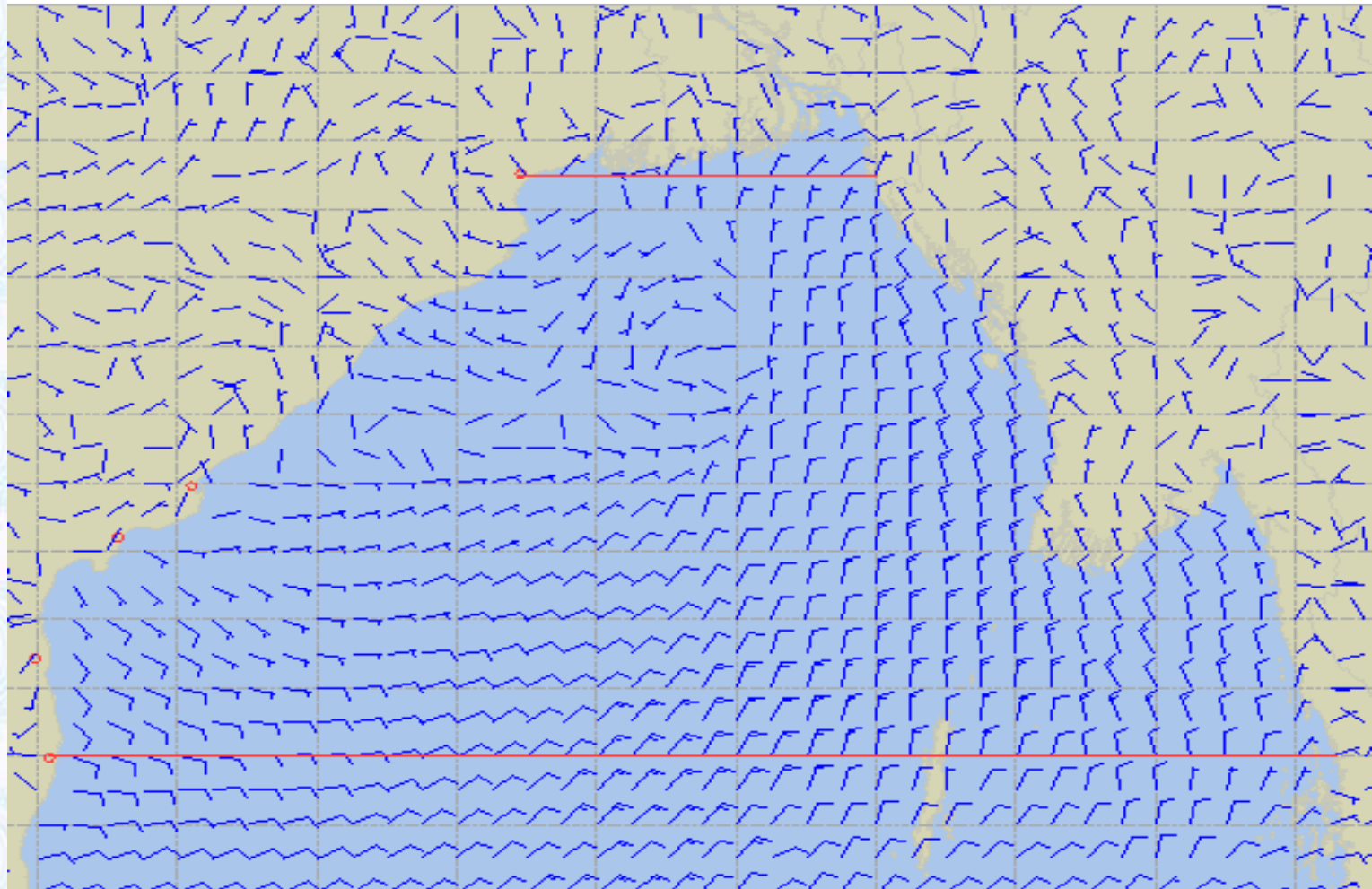
# Inland River Port Warning (VALID TILL 06 PM OF 26.02.2020)

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY WEST/NORTH-WESTERLY, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF BARISHAL, PATUAKHALI, NOAKHALI, CHATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 27 Feb - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



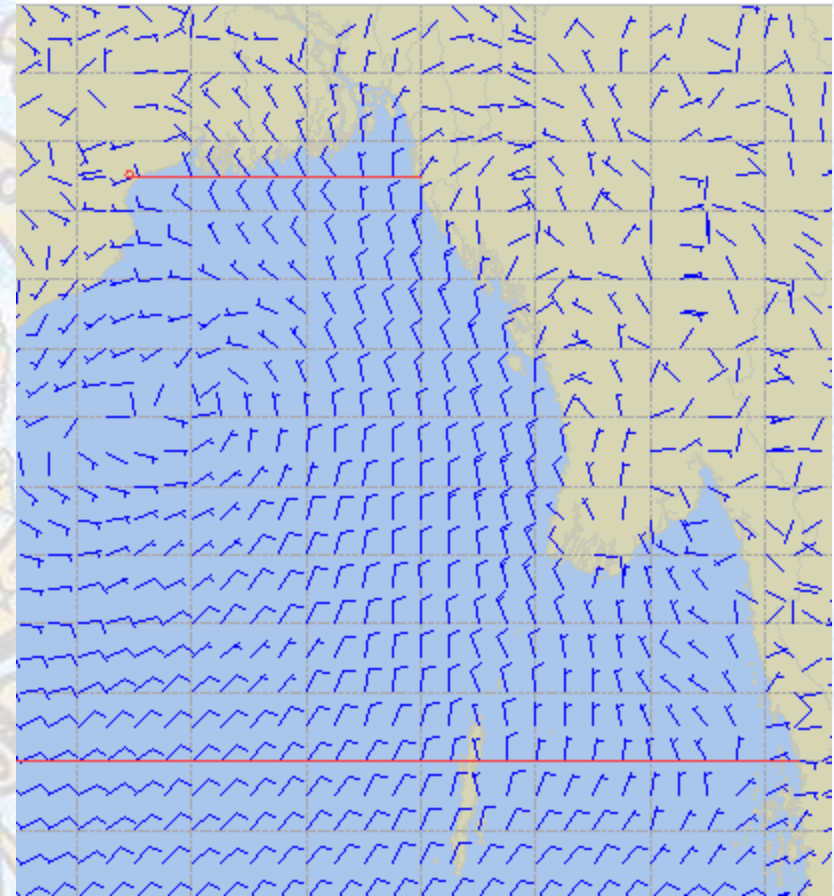
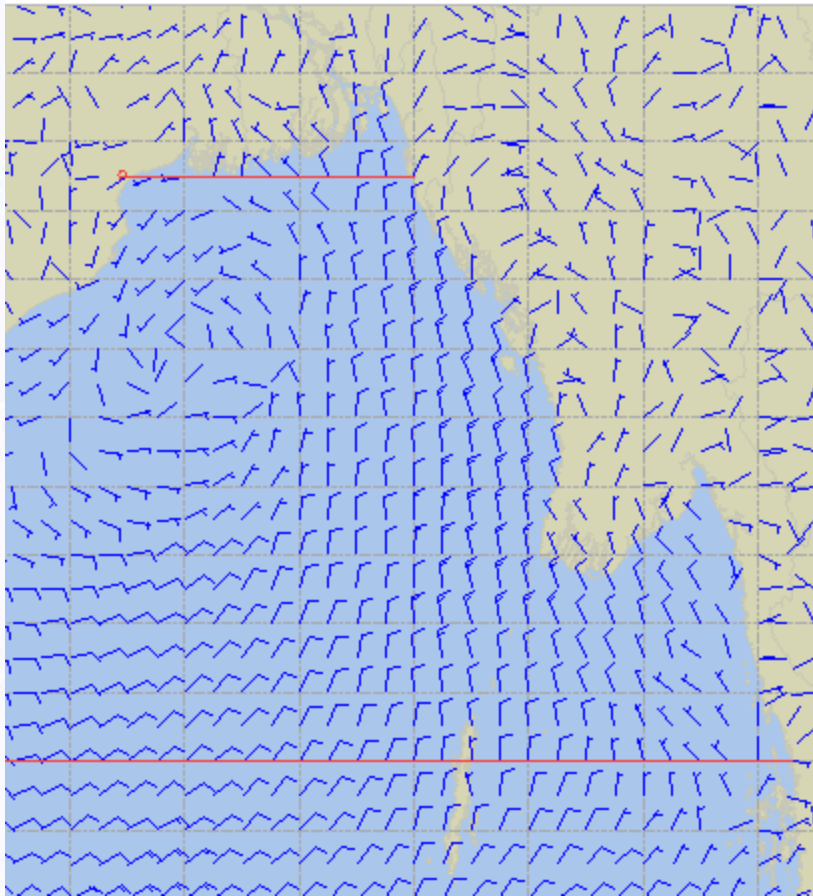
**60 Knots**



# Surface Wind Forecast – 28 & 29 Feb - 2020

**28 Feb 2020 Friday**

**29 Feb 2020 Saturday**



## Legend:



Calm  
Winds



5 Knots



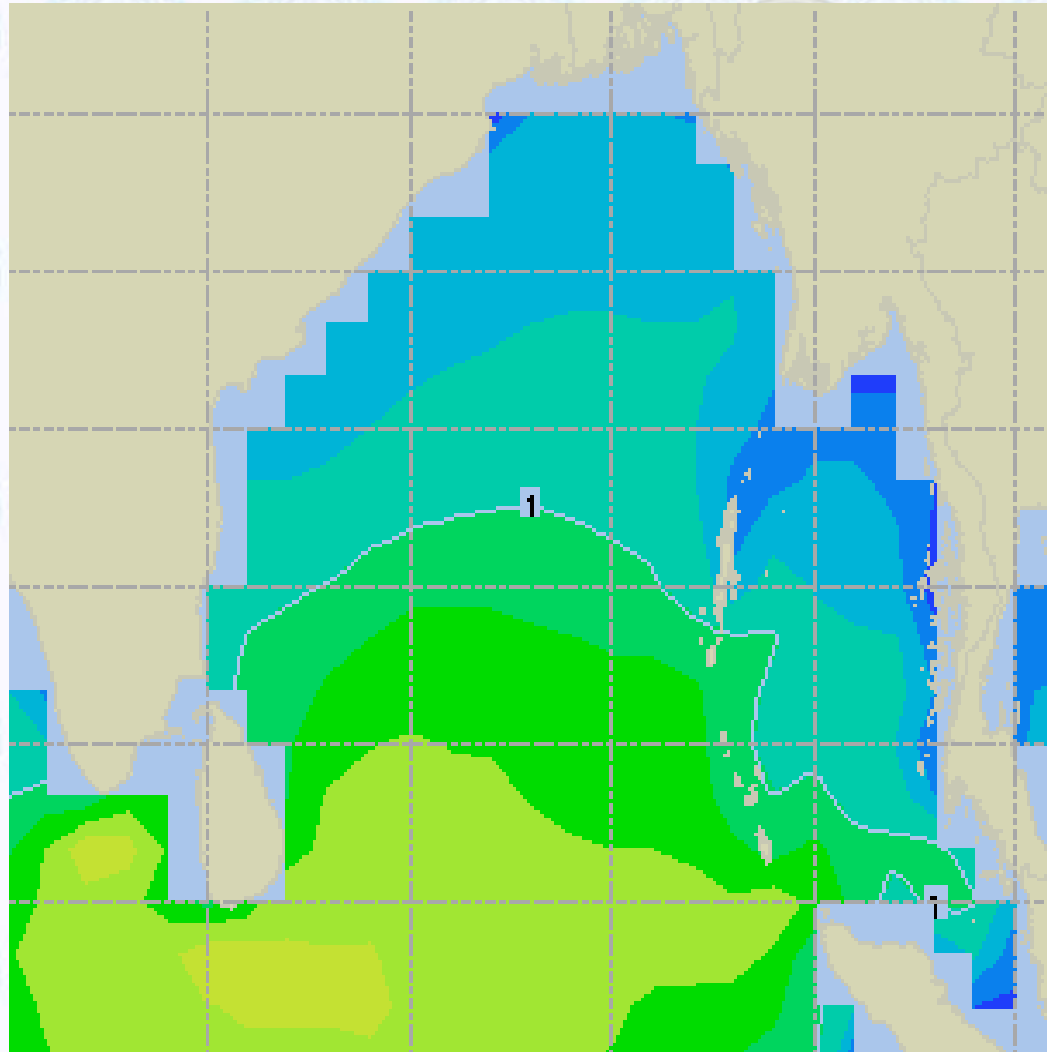
10 Knots



60 Knots



# Sea State Forecast - 27 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

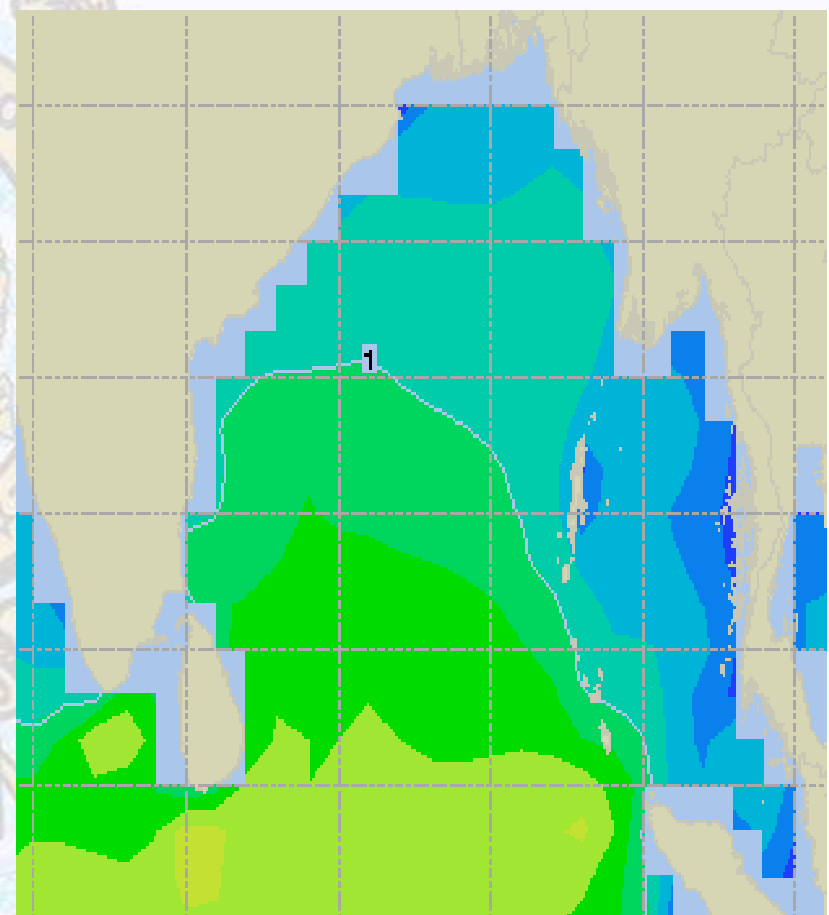
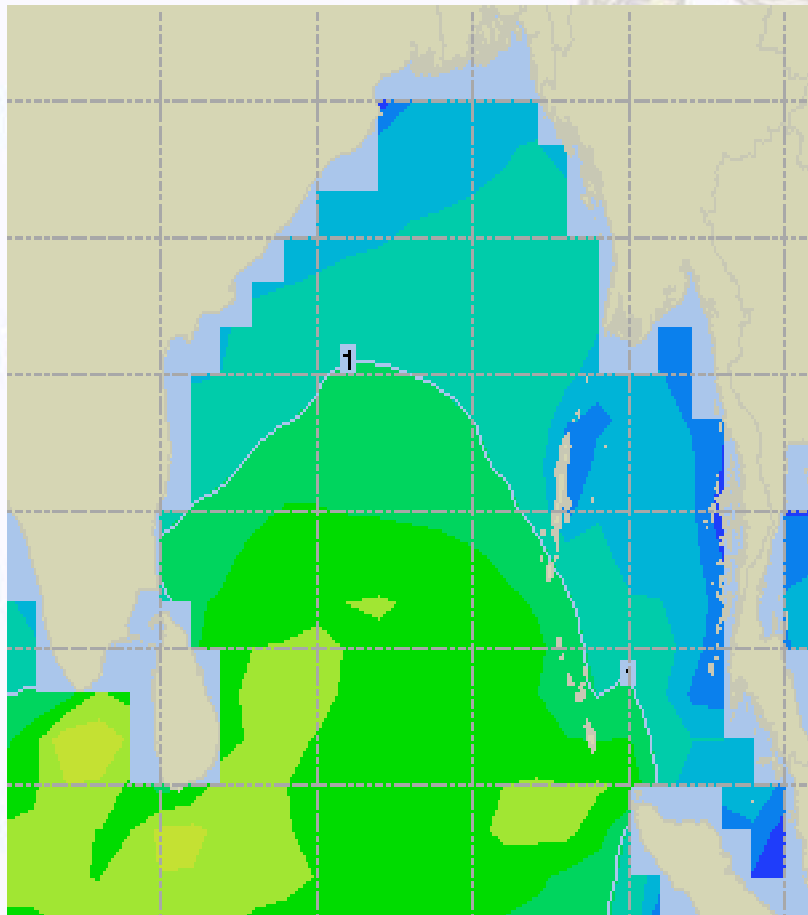




# Sea State Forecast - 28 & 29 Feb - 2020

28 Feb 2020 Friday

29 Feb 2020 Saturday

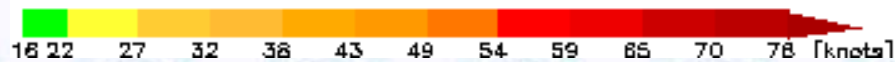
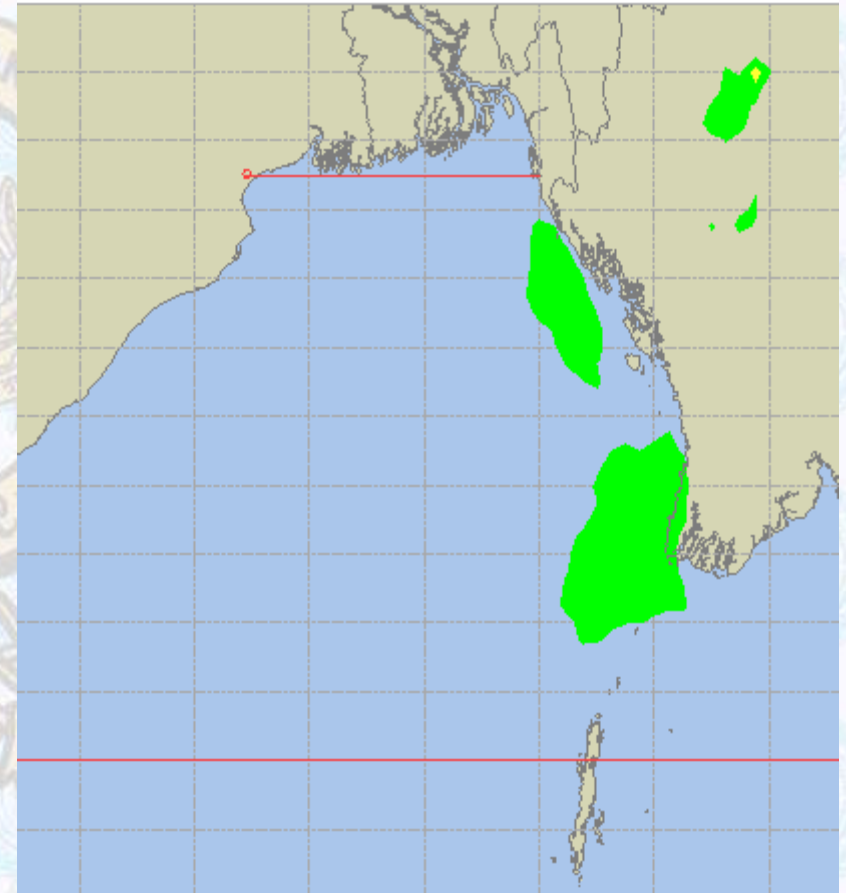
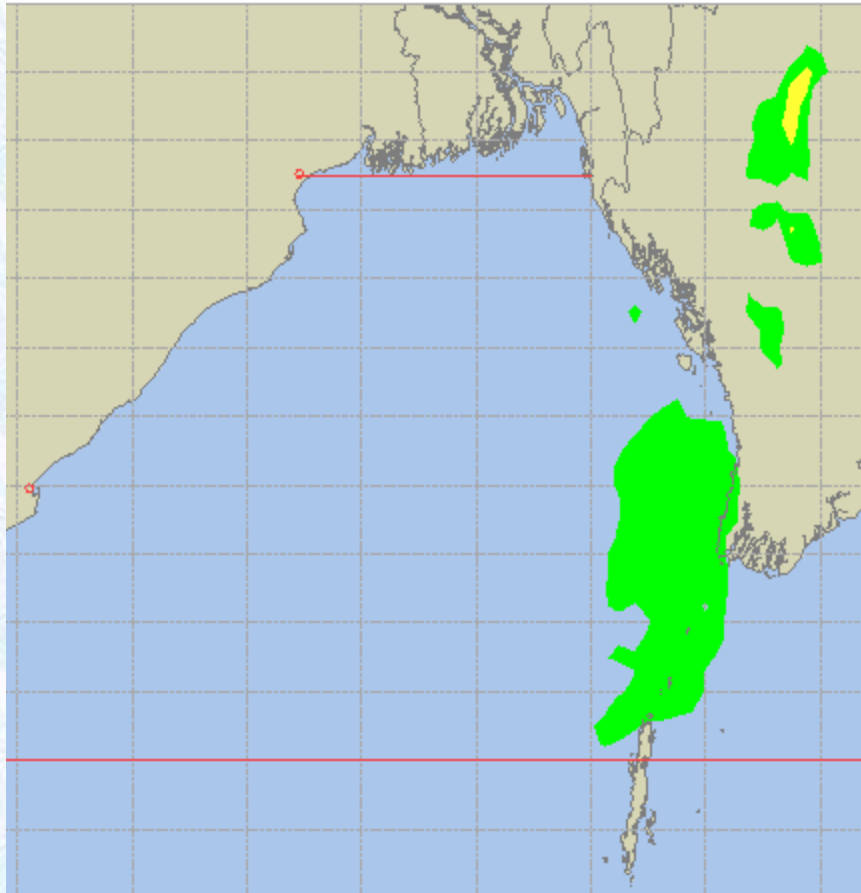




# Peak Gusting Possibilities – 27 & 28 Feb - 2020

27 Feb 2020 Thursday

28 Feb 2020 Friday

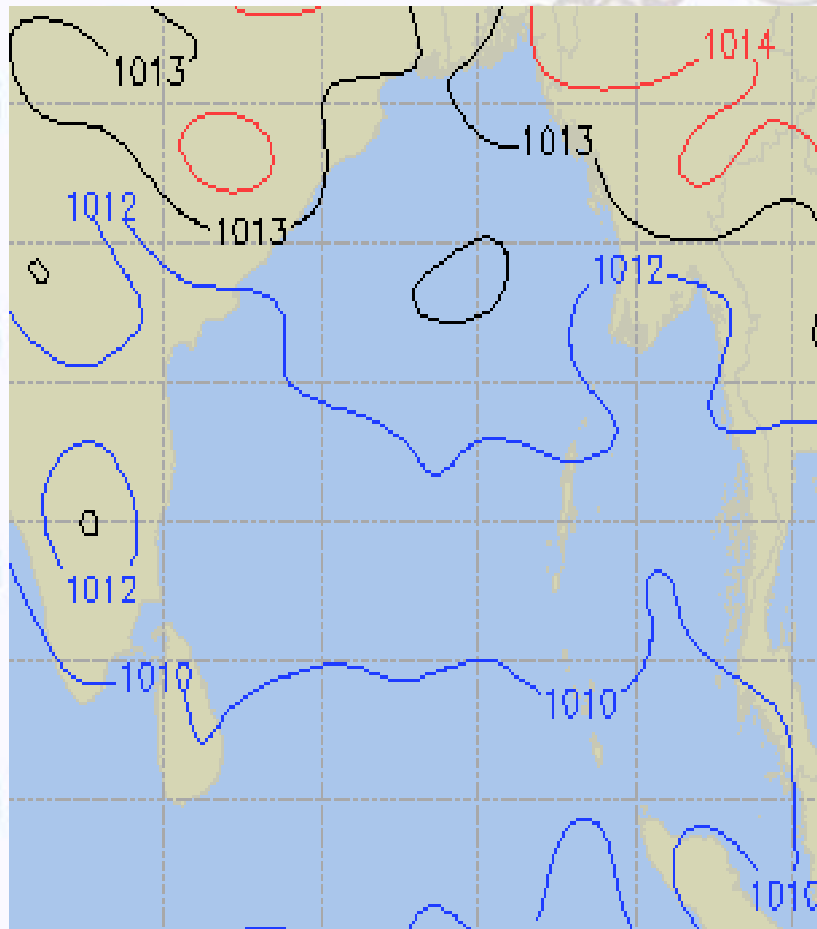




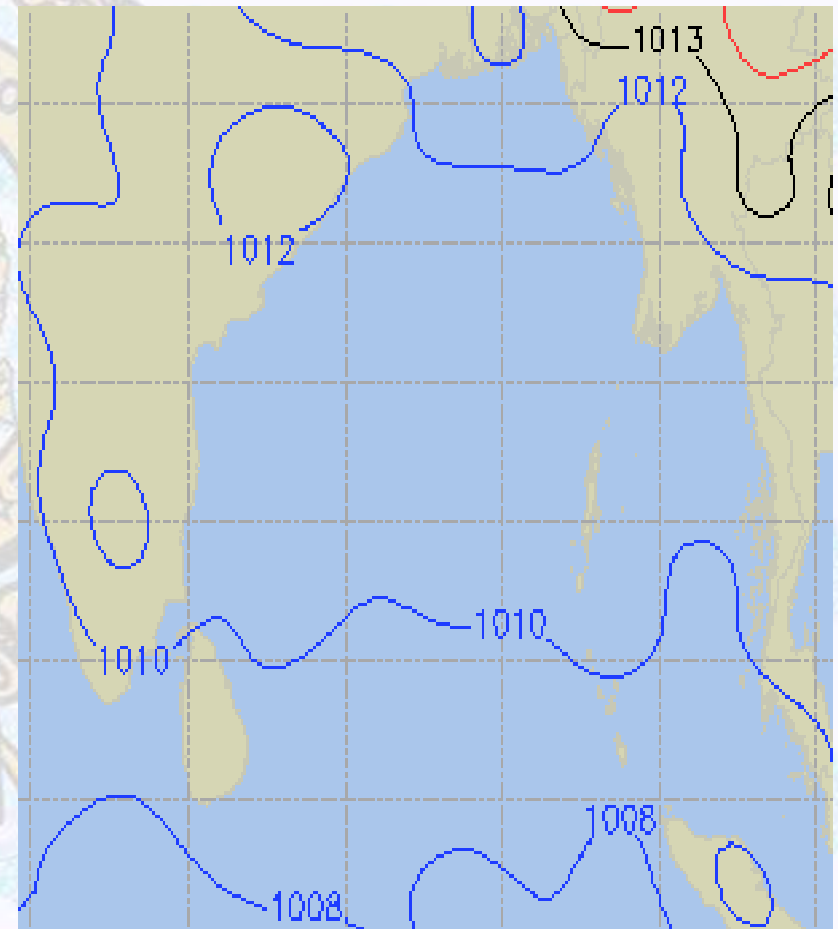


# Surface Pressure forecast – 27 & 28 Feb - 2020

27 Feb 2020 Thursday



28 Feb 2020 Friday

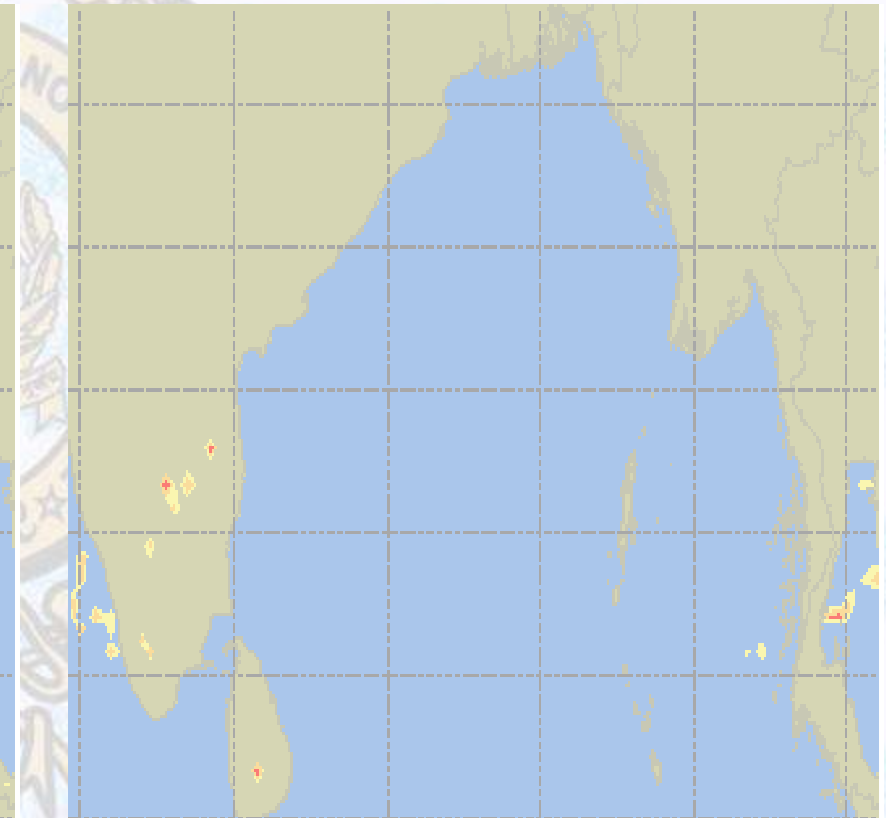
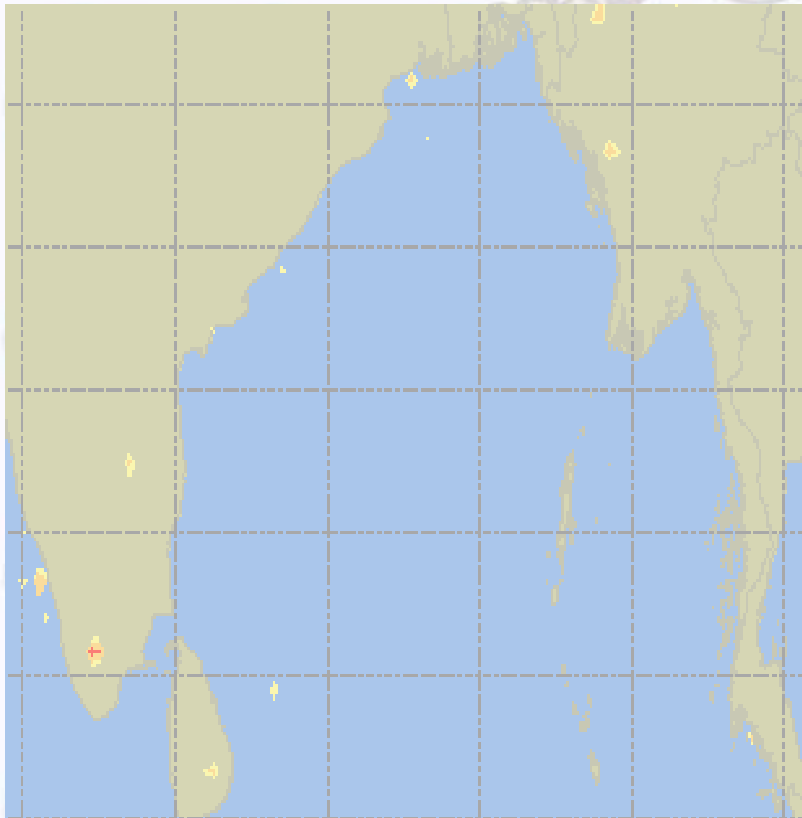




# Visibility at Sea Forecast – 27 & 28 Feb - 2020

27 Feb 2020 Thursday

28 Feb 2020 Friday



**Visibility Scale:**

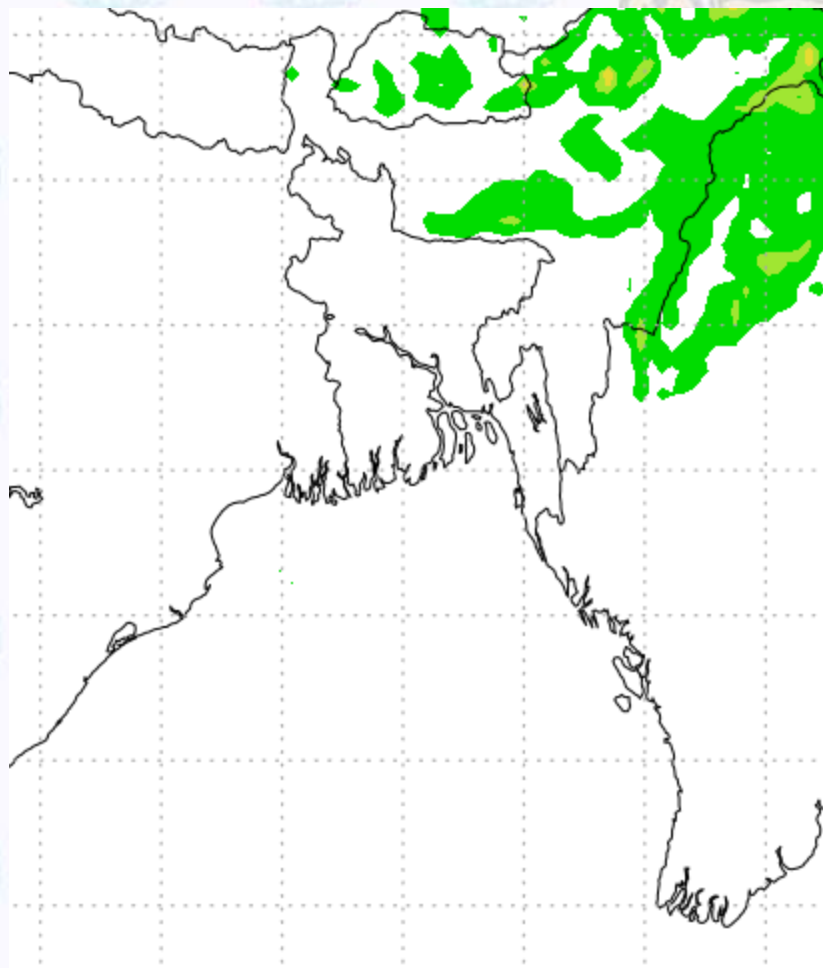


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

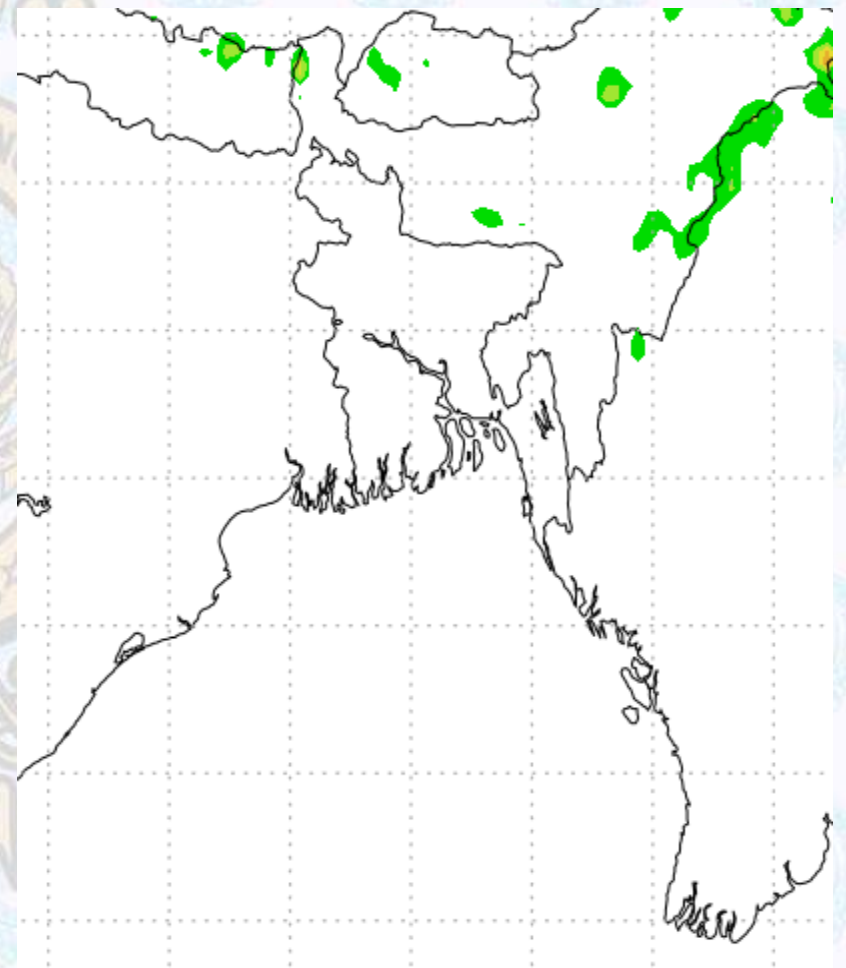


# Precipitation

Rain(mm) 27 & 28 Feb 2020



Rain(mm) 28 & 29 Feb 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>27 Feb 2020</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
<b>28 Feb 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0310	4.18		0108	3.04		0056	2.62
	0944	0.28		0736	0.27		0714	0.43
	1533	4.05		1325	2.81		1320	2.57
	2158	0.52		1950	0.35		1929	0.64
<b>29 Feb 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0343	4.00		0140	2.86		0124	2.51
	1013	0.34		0805	0.35		0741	0.51
	1607	3.94		1400	2.68		1351	2.50
	2233	0.65		2023	0.45		2000	0.78