



# WEATHER FORECAST FOR BN

***17 - 20 - FEB 2020***





# WEATHER FORECAST – DHAKA

## 17.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 17	28 / 15	22 / 15	20 / 16
Wind	9 km/h WNW	10 km/h W	5 km/h WNW	2 km/h W
Humidity	51%	46%	63%	76%
Chance of Precip	1%	1%	2%	4%
Cloud Cover	9%	2%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 32 AM 5: 55 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 11.27 km

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



# WEATHER FORECAST – CHATTOGRAM

## 17.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 16	26 / 16	22 / 17	20 / 18
Wind	9 km/h W	10 km/h W	10 km/h W	7 km/h W
Humidity	54%	54%	72%	81%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	43%	27%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 25 AM 5: 51 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 17.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 14	28 / 13	23 / 16	20 / 17
Wind	7 km/h W	8 km/h W	5 km/h SW	5 km/h SW
Humidity	42%	40%	64%	80%
Chance of Precip.	1%	1%	1%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 35 AM 6: 01 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	18 Feb 2020	19 Feb 2020	20 Feb 2020
<b>Temperature (C)</b>	29°C/ 17°C	30°C/ 17°C	29°C/ 17°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h30m12s/17h55m06s	6h29m24s/17h55m42s	6h28m36s/17h56m18s
<b>Day Length</b>	11h24m54s	11h26m18s	11h27m42s
<b>Moon Rise/ Set</b>	2:17AM 1:17PM	3:14AM 2:09PM	4:07AM 3:03PM
<b>Moon Phase/ illu</b>	Waning Crescent, 23%	Waning Crescent, 15%	Waning Crescent, 8%
<b>Nautical Twilight</b>	0540,1844	0539,1845	0539,1845
<b>Civil Twilight</b>	0606,1818	0606,1818	0605,1819
<b>Humidity</b>	D : 59%    N : 72%	D : 55%    N : 71%	D : 61%    N : 71%
<b>Barometer (mb)</b>	1014	1014	1015
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	10 Km/h WSW	10 Km/h SW	7 Km/h SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	18 Feb 2020	19 Feb 2020	20 Feb 2020
<b>Temperature (C)</b>	28°C/ 16°C	28°C/ 16°C	29°C/ 16°C
<b>Summary</b>	Fog/Sunny	Fog/Sunny	Fog/Sunny
<b>Sun Rise/Set</b>	6h23m00s/17h50m42s	6h22m12s/17h51m18s	6h21m24s/17h51m48s
<b>Day Length</b>	11h27m42s	11h29m06s	11h30m24s
<b>Moon Rise/ Set</b>	2:08AM 1:14PM	3:14AM 2:06PM	3:58AM 3:00PM
<b>Moon Phase/ illu</b>	Waning Crescent, 23%	Waning Crescent, 15%	Waning Crescent, 8%
<b>Nautical Twilight</b>	0533, 1839	0533, 1840	0532, 1840
<b>Civil Twilight</b>	0600,1813	0559,1814	0558,1814
<b>Humidity</b>	D : 61% N : 85%	D : 66% N : 89%	D : 63% N : 78%
<b>Barometer (mb)</b>	1015	1015	1016
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	13 km/h NW	14 km/h SW	12 km/h NW

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



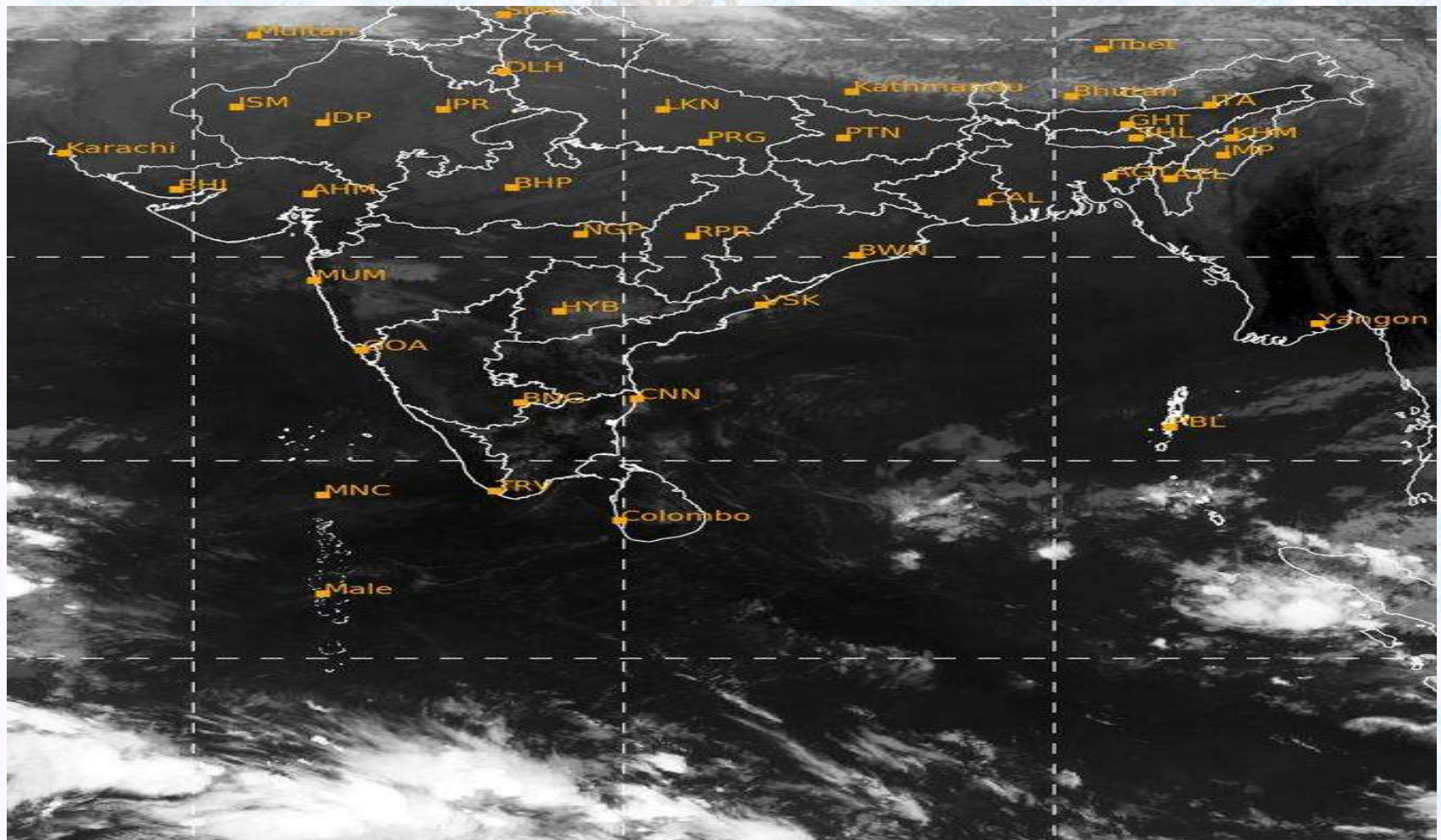
# GENERAL WEATHER FORECAST – KHULNA

Description	18 Feb 2020	19 Feb 2020	20 Feb 2020
<b>Temperature(C)</b>	30°C/ 16°C	30°C/ 17°C	30°C/ 16°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h32m42s/17h59m24s	6h31m54s/18h00m00s	6h31m00s/18h00m30s
<b>Day Length</b>	11h26m42s	11h28m06s	11h29m30s
<b>Moon Rise/Set</b>	2:19AM 1:24PM	3:16AM 2:16PM	4:09AM 3:10PM
<b>Moon Phase/illu</b>	Waning Crescent, 23%	Waning Crescent, 15%	Waning Crescent, 8%
<b>Nautical Twilight</b>	0543, 1848	0542, 1849	0541, 1849
<b>Civil Twilight</b>	0609.,1822	0608.,1822	0608.,1823
<b>Humidity</b>	D : 57%    N : 76%	D : 57%    N : 74%	D : 62%    N : 75%
<b>Barometer (mb)</b>	1015	1014	1015
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	11 km/h WNW	10 km/h SW	8 km/h SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



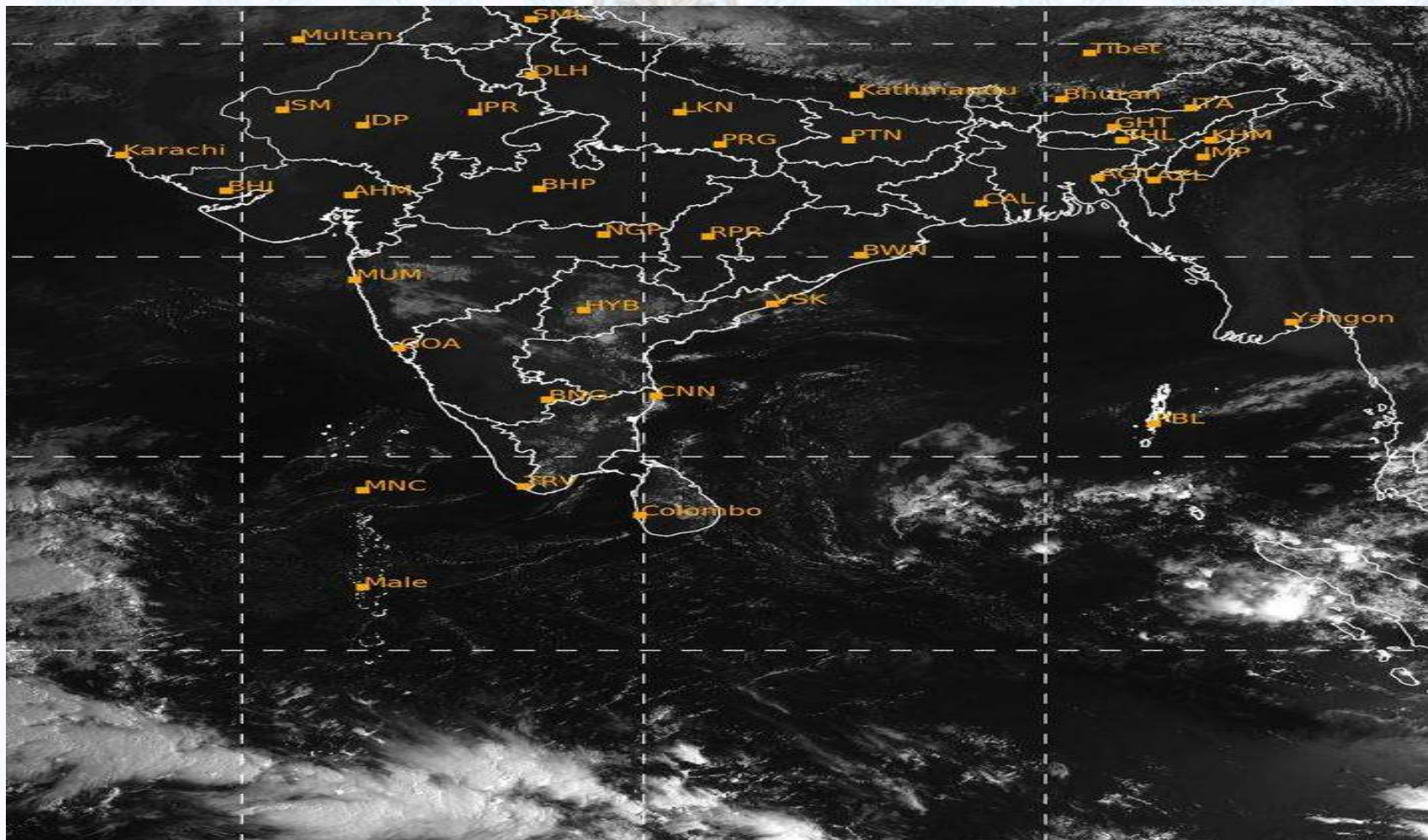
17/02/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



17/02/2020, 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 17.02.2020)

<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 SKY OVER AREA C-90.
	Wind	NORTH-WEST/NORTHERLY, 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 =17,0000 UTC. CHATTOGRAM =1015 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 17.02.2020)

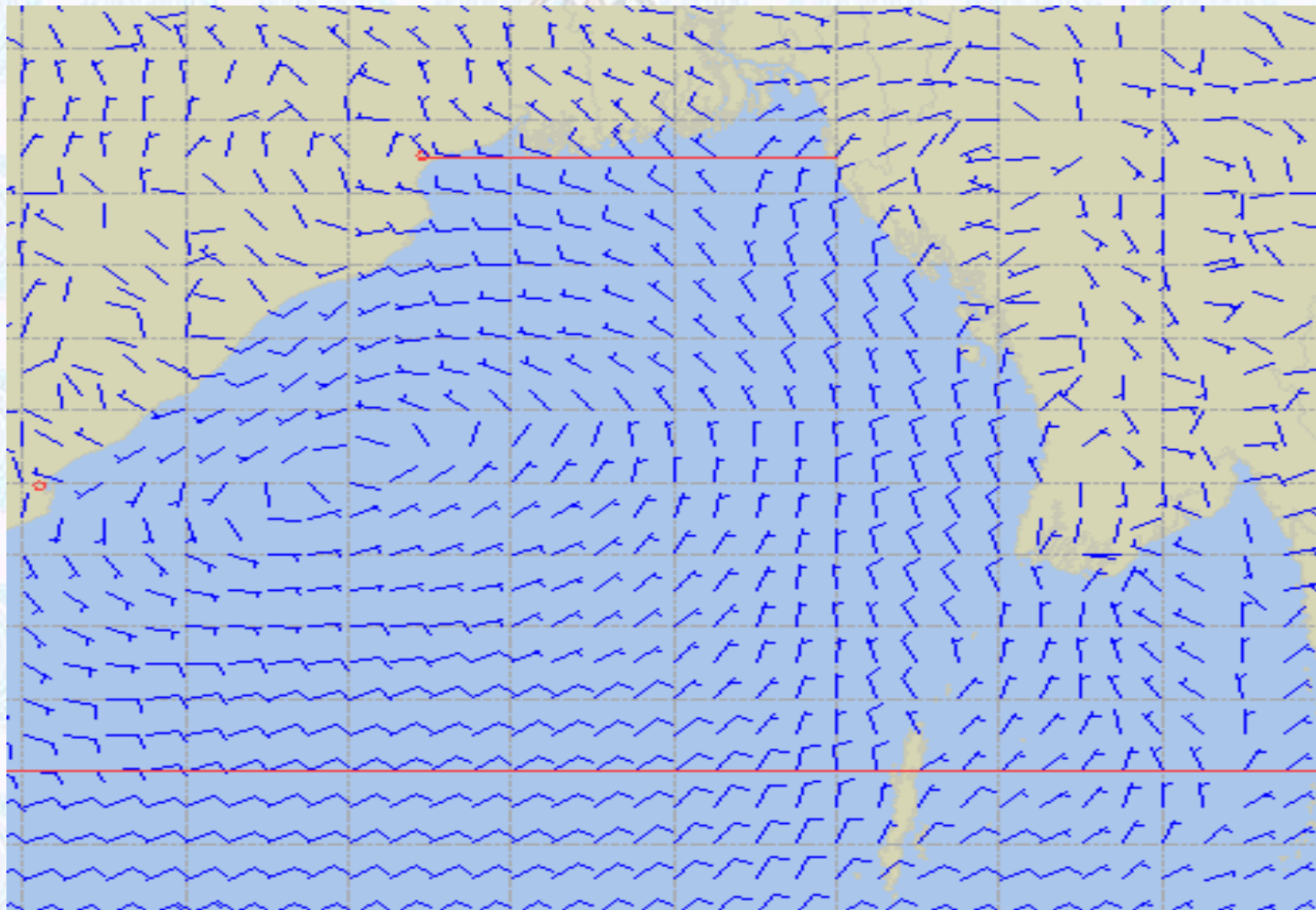
THERE IS NO INLAND RIVERPORTS WARNING & NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 18 Feb - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



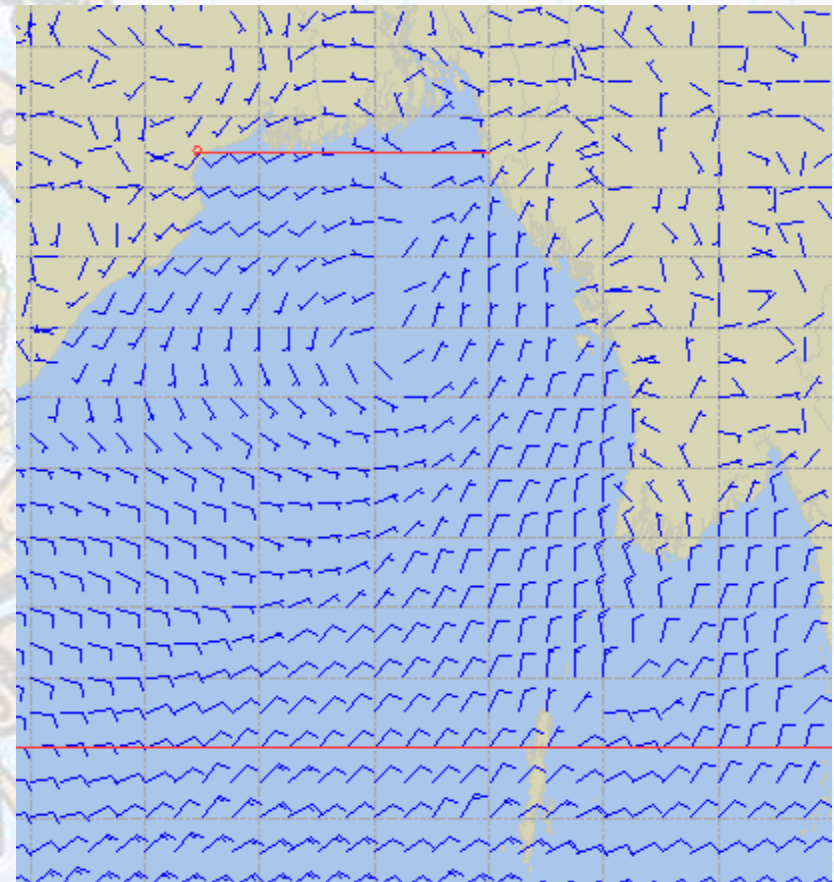
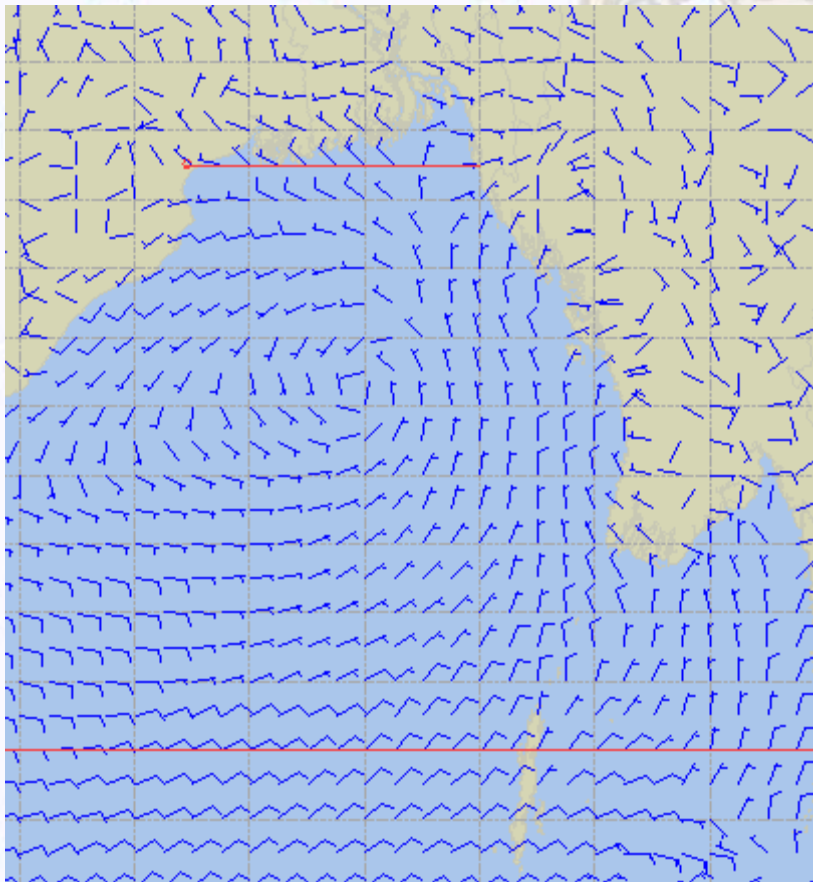
**60 Knots**



# Surface Wind Forecast – 19 & 20 Feb - 2020

19 Feb 2020 Wednesday

20 Feb 2020 Thursday



**Legend:**



Calm  
Winds



5 Knots



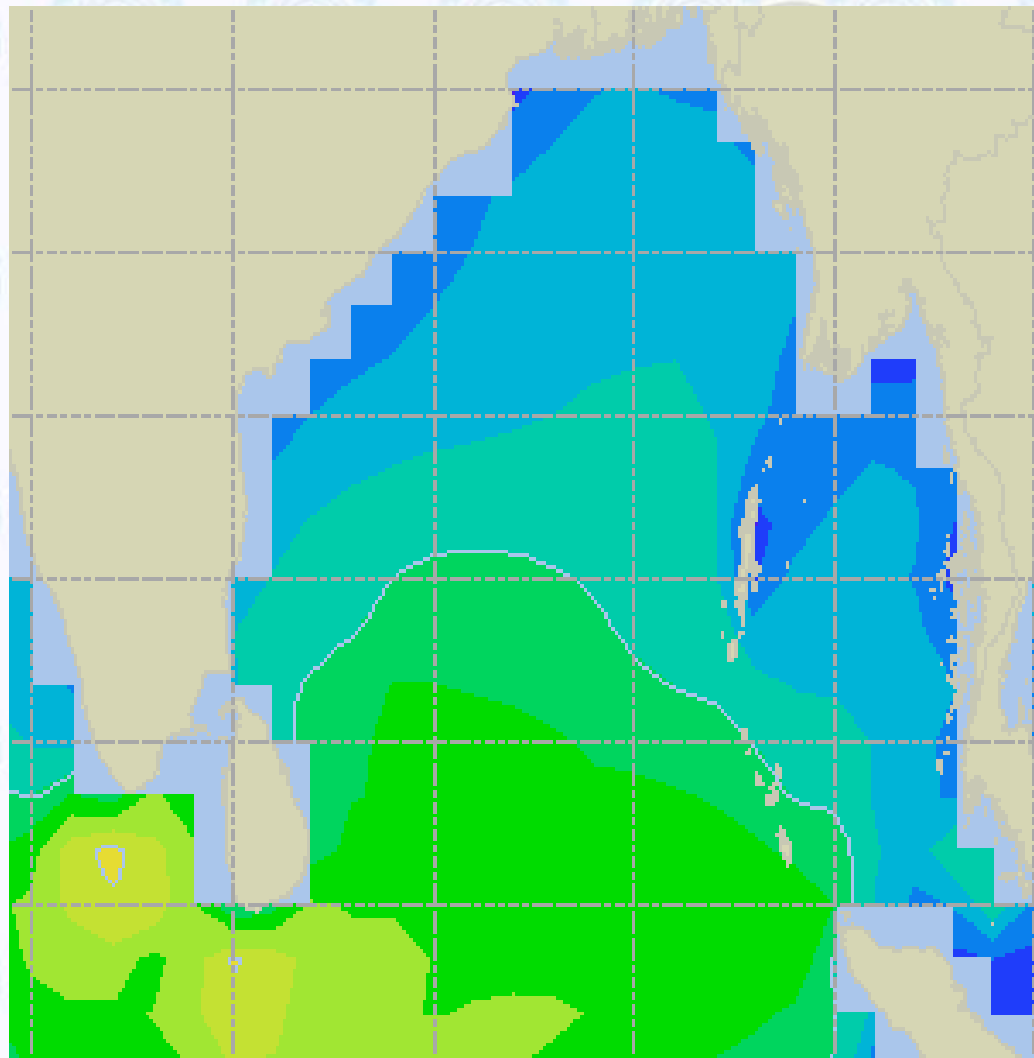
10 Knots



60 Knots



# Sea State Forecast - 18 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

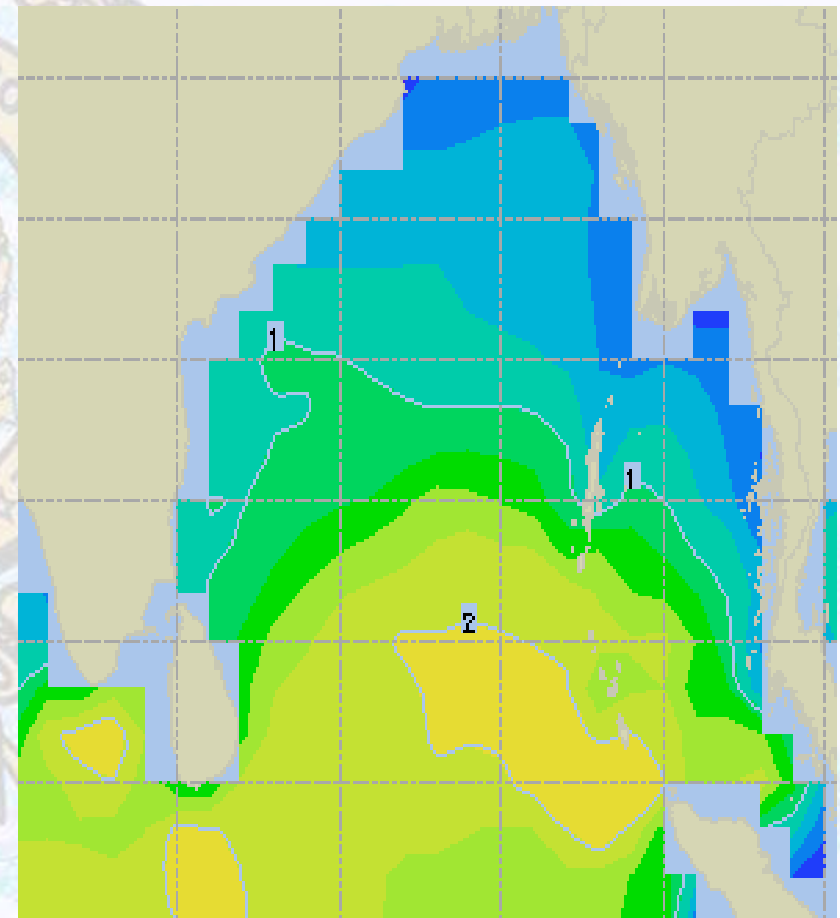
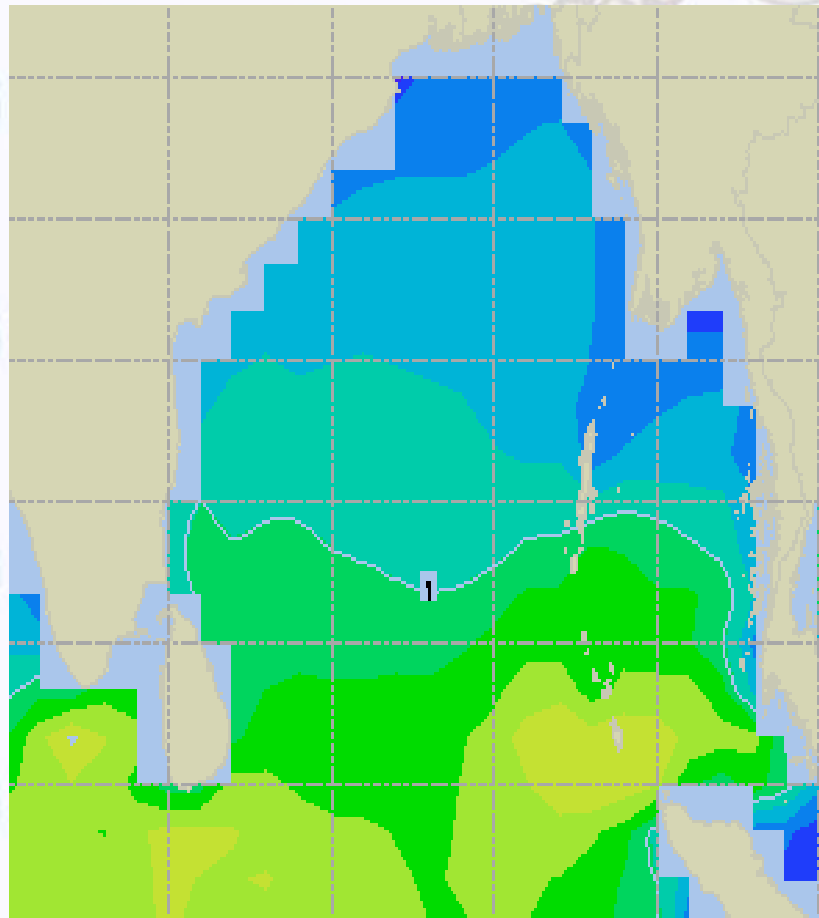




# Sea State Forecast - 19 & 20 Feb - 2020

19 Feb 2020 Wednesday

20 Feb 2020 Thursday

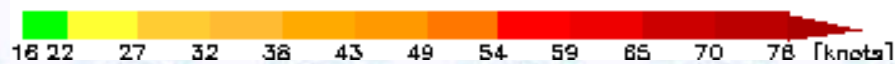
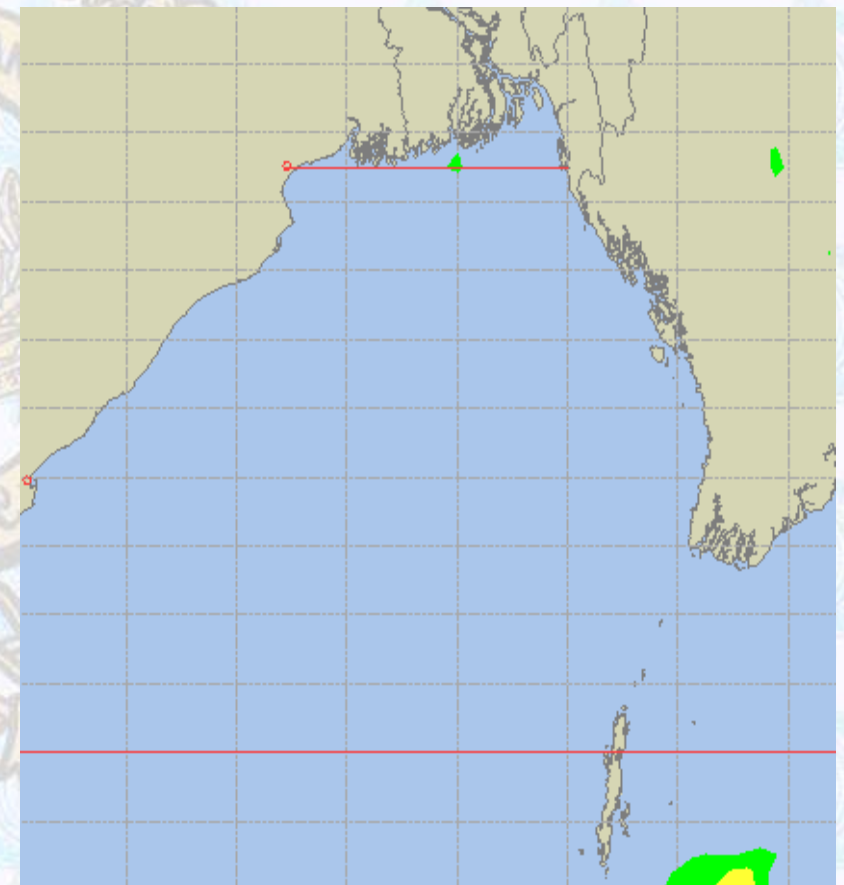
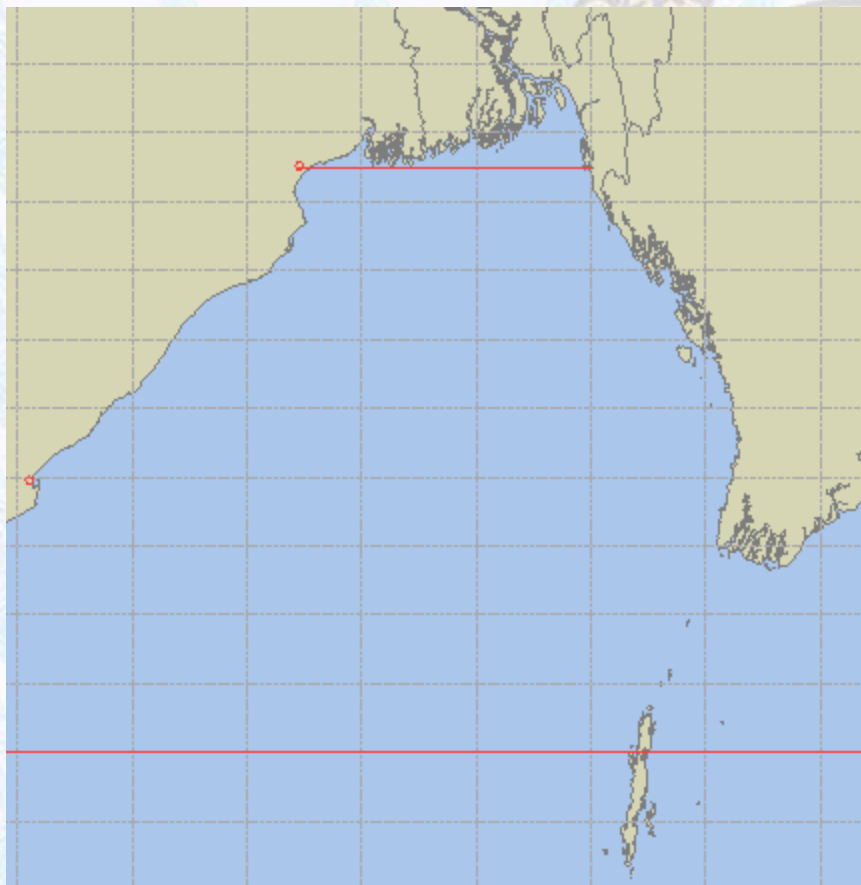




# Peak Gusting Possibilities – 18 & 19 Feb - 2020

18 Feb 2020 Tuesday

19 Feb 2020 Wednesday



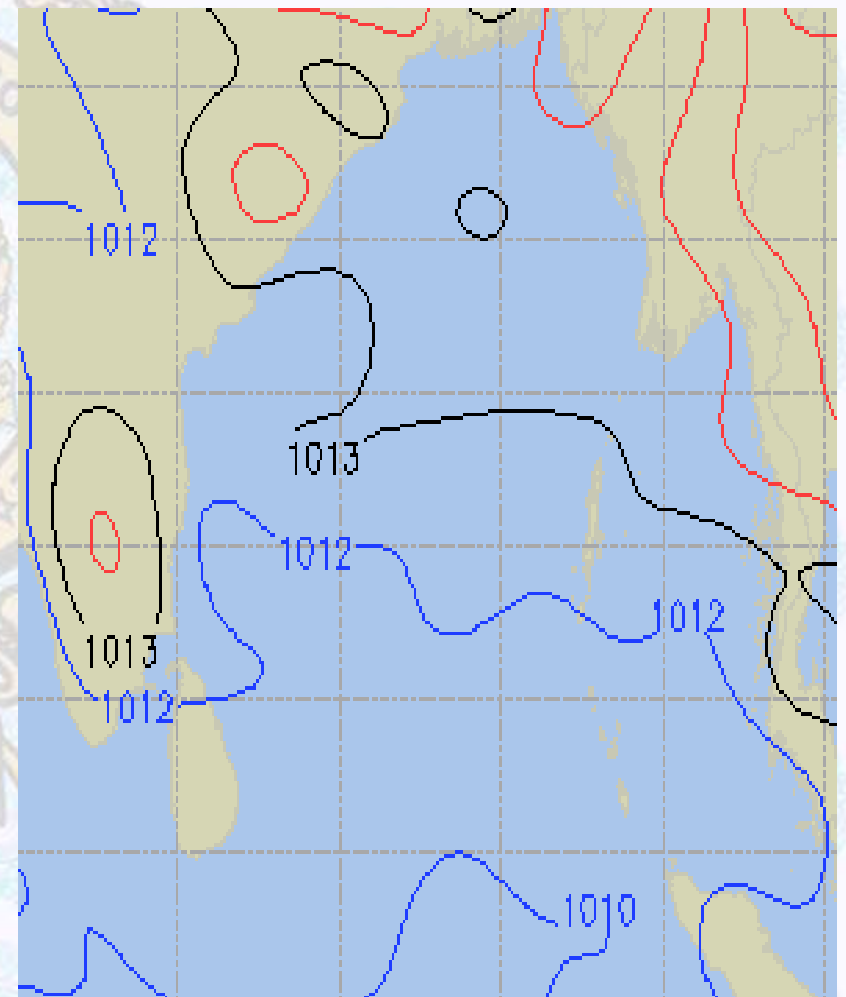
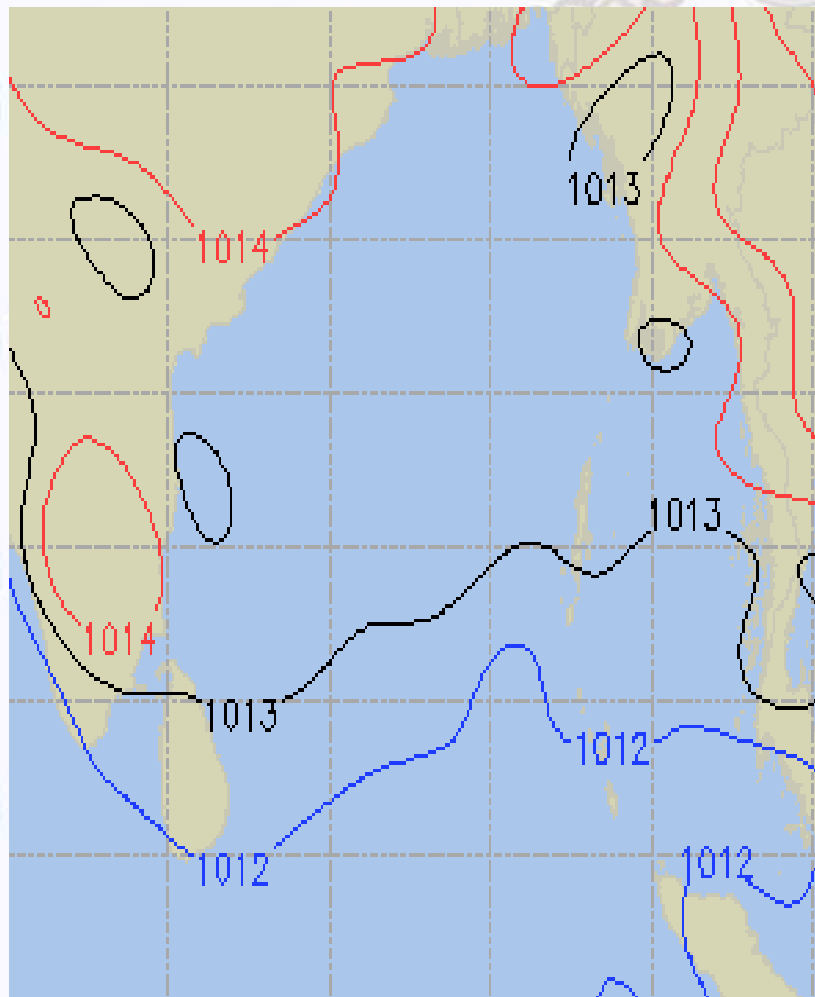




# Surface Pressure forecast – 18 & 19 Feb - 2020

18 Feb 2020 Tuesday

19 Feb 2020 Wednesday

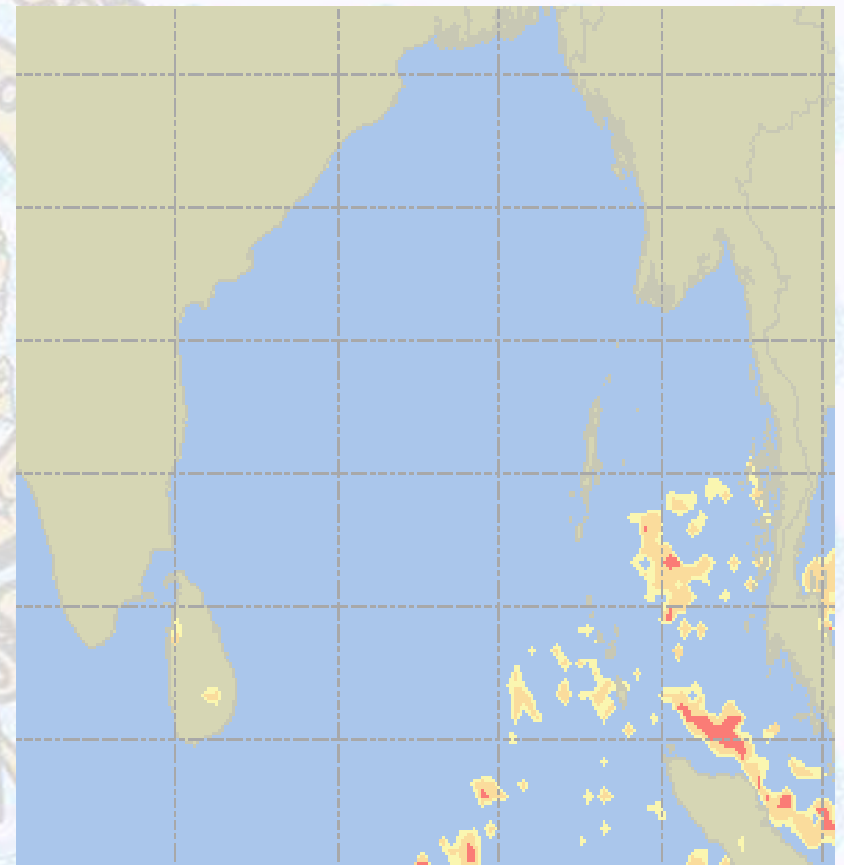
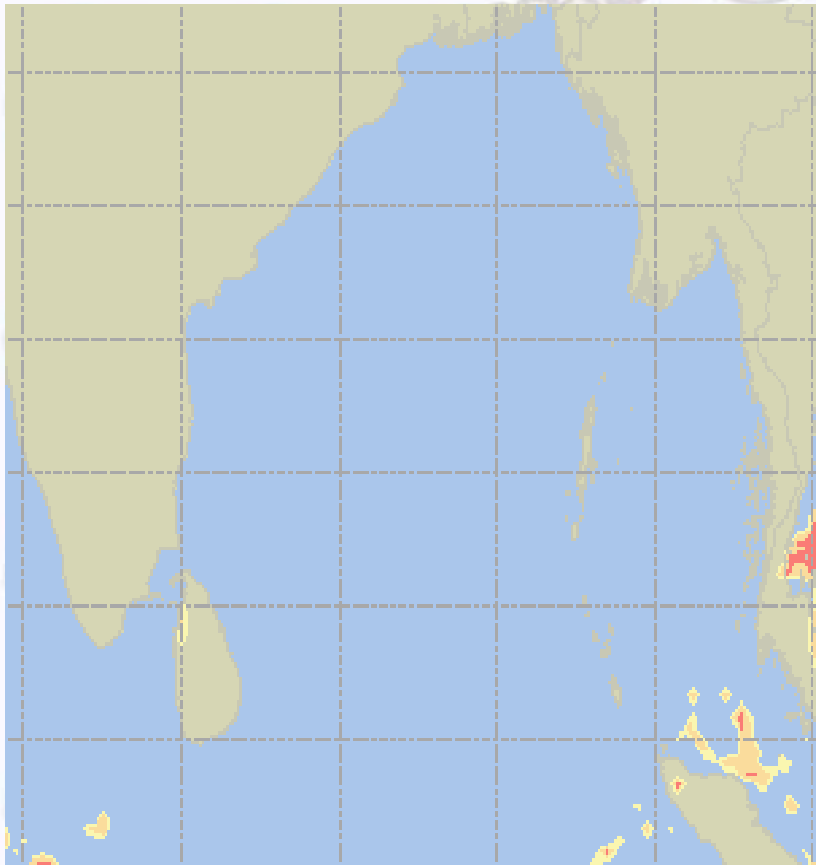




# Visibility at Sea Forecast – 18 & 19 Feb - 2020

18 Feb 2020 Tuesday

19 Feb 2020 Wednesday



**Visibility Scale:**



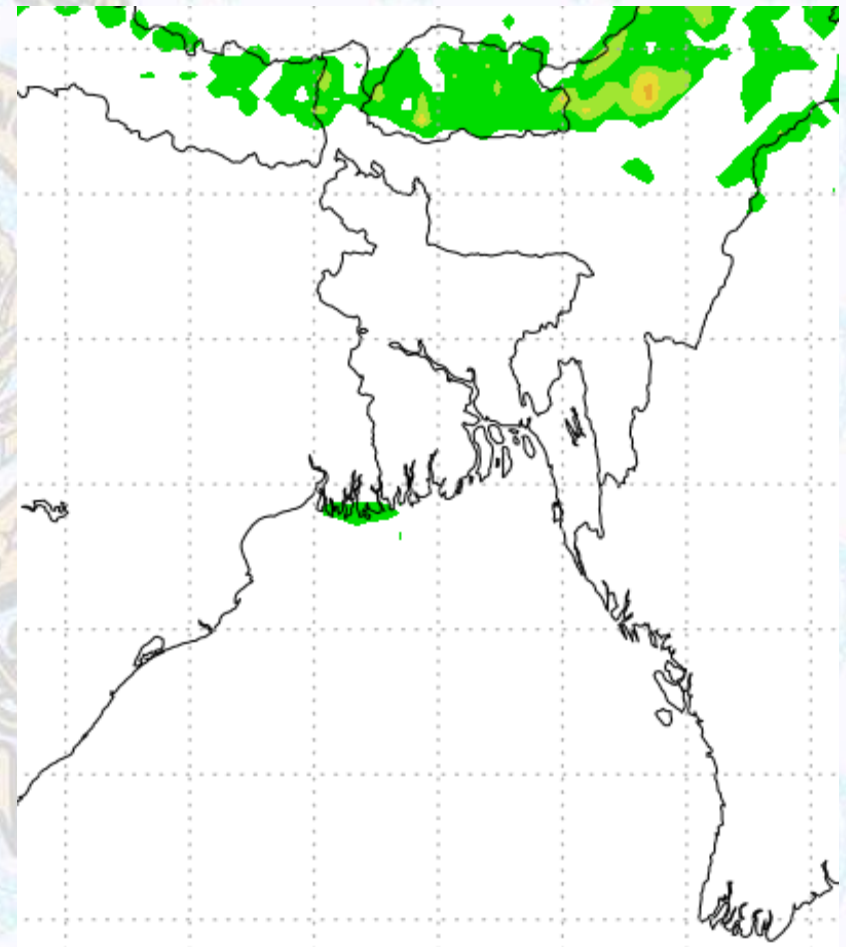
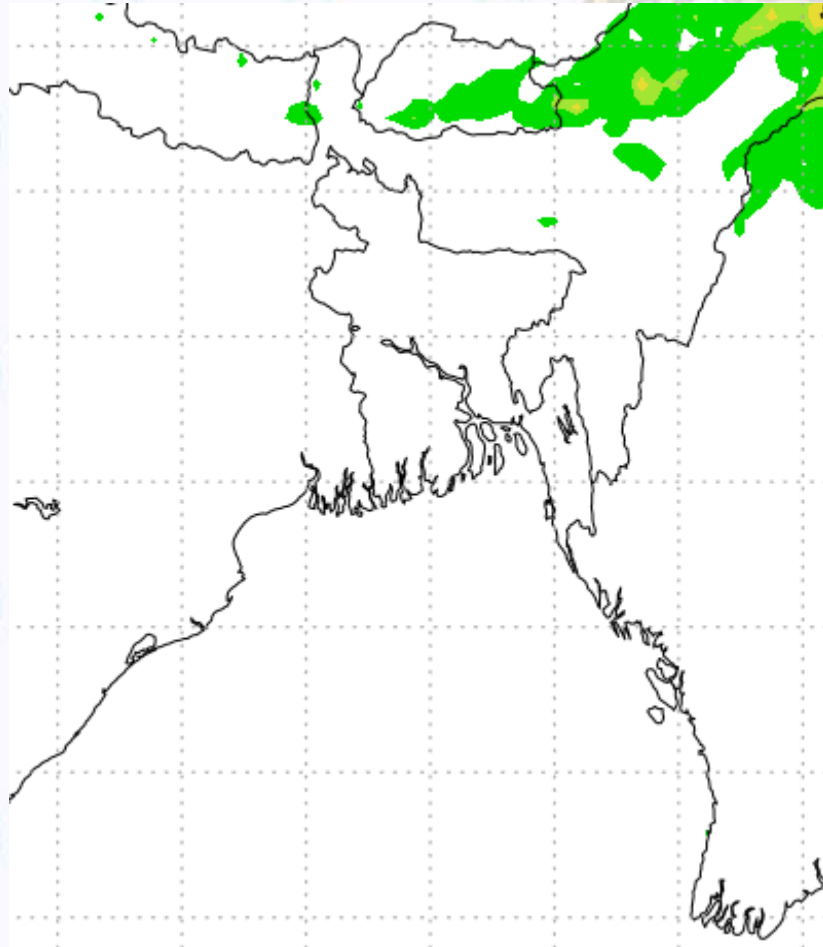
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 18 & 19 Feb 20

Rain(mm) 19 & 20 Feb 20



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
	<b>18Feb 2020</b>	0319		1.00			0005	0.85
	0929	3.06		0556	2.12		0638	1.89
	1533	1.04		1239	0.79		1249	0.99
	2200	3.58		1853	2.35		1937	2.26
	Time	Height		Time	Height		Time	Height
	<b>19Feb 2020</b>	0439		0.85			0139	0.83
	1049	3.18		0729	2.12		0816	1.98
	1648	0.96		1401	0.73		1412	0.91
	2304	3.71		2007	2.50		2045	2.41
	Time	Height		Time	Height		Time	Height
	<b>20Feb 2020</b>	0542		0.68			0252	0.71
	1146	3.37		0840	2.28		0916	2.15
	1747	0.82		1508	0.61		1513	0.77
	2354	3.85		2103	2.71		2135	2.56