



# WEATHER FORECAST FOR BN

**29 MAR -1 APR 2020**





# WEATHER FORECAST – DHAKA

## 29.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 14	35 / 14	27 / 18	26 / 16
Wind	7 km/h W	6 km/h W	3 km/h ESE	3 km/h SSW
Humidity	33%	40%	56%	66%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	8%	4%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	5: 54 AM 6: 14 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 12.87 km

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



# WEATHER FORECAST – CHATTOGRAM

## 29.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 23	32 / 24	28 / 23	26 / 24
Wind	7 km/h WSW	11 km/h WSW	14 km/h WSW	14 km/h W
Humidity	55%	63%	76%	85%
Chance of Precip.	1%	1%	4%	6%
Cloud Cover	20%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	5: 49 AM 6: 07 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 29.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 17	35 / 17	29 / 19	27 / 20
Wind	5 km/h W	9 km/h W	11 km/h SSW	9 km/h SW
Humidity	51%	53%	74%	86%
Chance of Precip.	4%	10%	3%	6%
Cloud Cover	10%	16%	4%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	5: 59 AM 6: 17 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 16.09 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	30 Mar 2020	31 Mar 2020	1 Apr 2020
<b>Temperature (C)</b>	36 °C/ 21 °C	37 °C/ 22 °C	35 °C/ 24 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h52m10s/18h15m00s	5h52m10s/18h15m00s	5h51m10s/18h16m00s
<b>Day Length</b>	12h19m06s	12h20m06s	12h22m06s
<b>Moon Rise/ Set</b>	9:25AM 10:258PM	10:25AM 11:58PM	11:16AM 12:18PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 33%	Waxing Crescent, 0%	First Quarter, 45%
<b>NauticalTwilight</b>	0505,1901	0505,1901	0504,1901
<b>Civil Twilight</b>	0530,1834	0530,1834	0530,1833
<b>Humidity</b>	D : 31%    N : 61%	D : 31%    N : 61%	D : 31%    N : 61%
<b>Barometer (mb)</b>	1009	1009	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	14 Km/h W	14 Km/h WSW	14 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	30 Mar 2020	31 Mar 2020	1 Apr 2020
<b>Temperature (C)</b>	32°C/ 22°C	31°C/ 23°C	33°C/ 24°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h47m34s/18h09m02s	5h47m34s/18h09m02s	5h46m34s/18h08m02s
<b>Day Length</b>	12h13m48s	12h15m48s	12h17m48s
<b>Moon Rise/ Set</b>	9:21AM 10:49PM	10:25AM 11:58PM	11:13AM 12:09PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 33%	Waxing Crescent, 0%	First Quarter, 45%
<b>NauticalTwilight</b>	0500, 1853	0500, 1854	0459, 1854
<b>Civil Twilight</b>	0524, 1829	0524, 1830	0524, 1829
<b>Humidity</b>	D : 57% N : 77%	D : 53% N : 76%	D : 53% N : 76%
<b>Barometer (mb)</b>	1012	1011	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	12 Km/h SSW	13 Km/h SSW	13 Km/h SSW

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



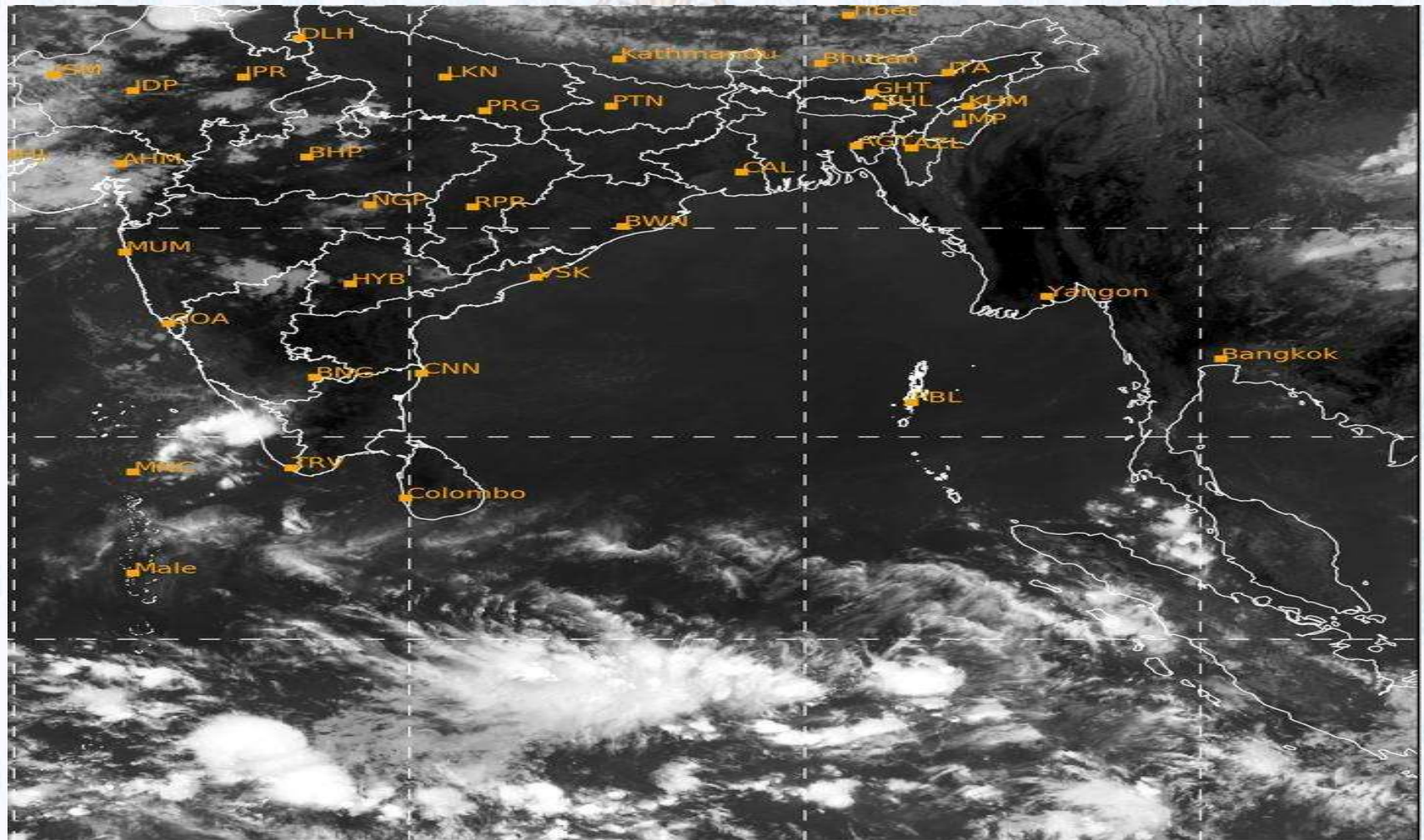
# GENERAL WEATHER FORECAST – KHULNA

Description	30 Mar 2020	31 Mar 2020	1 Apr 2020
<b>Temperature(C)</b>	36°C/ 24°C	36°C/ 24°C	36°C/ 24°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h54m30s/18h15m00s	5h55m30s/18h16m00s	5h56m30s/18h18m00s
<b>Day Length</b>	12h19m02s	12h20m02s	12h21m02s
<b>Moon Rise/Set</b>	9:32AM 11:00PM	10:25AM 11:58PM	11:23AM 12:20PM
<b>Moon Phase/illu</b>	Waxing Crescent, 33%	Waxing Crescent, 0%	First Quarter, 45%
<b>Nautical Twilight</b>	0509, 1902	0509, 1902	0508, 1902
<b>Civil Twilight</b>	0534, 1837	0534, 1837	0534, 1836
<b>Humidity</b>	D : 37%    N : 61%	D : 37%    N : 61%	D : 37%    N : 61%
<b>Barometer (mb)</b>	1011	1010	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	14 km/h NW	12 km/h NW	12 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



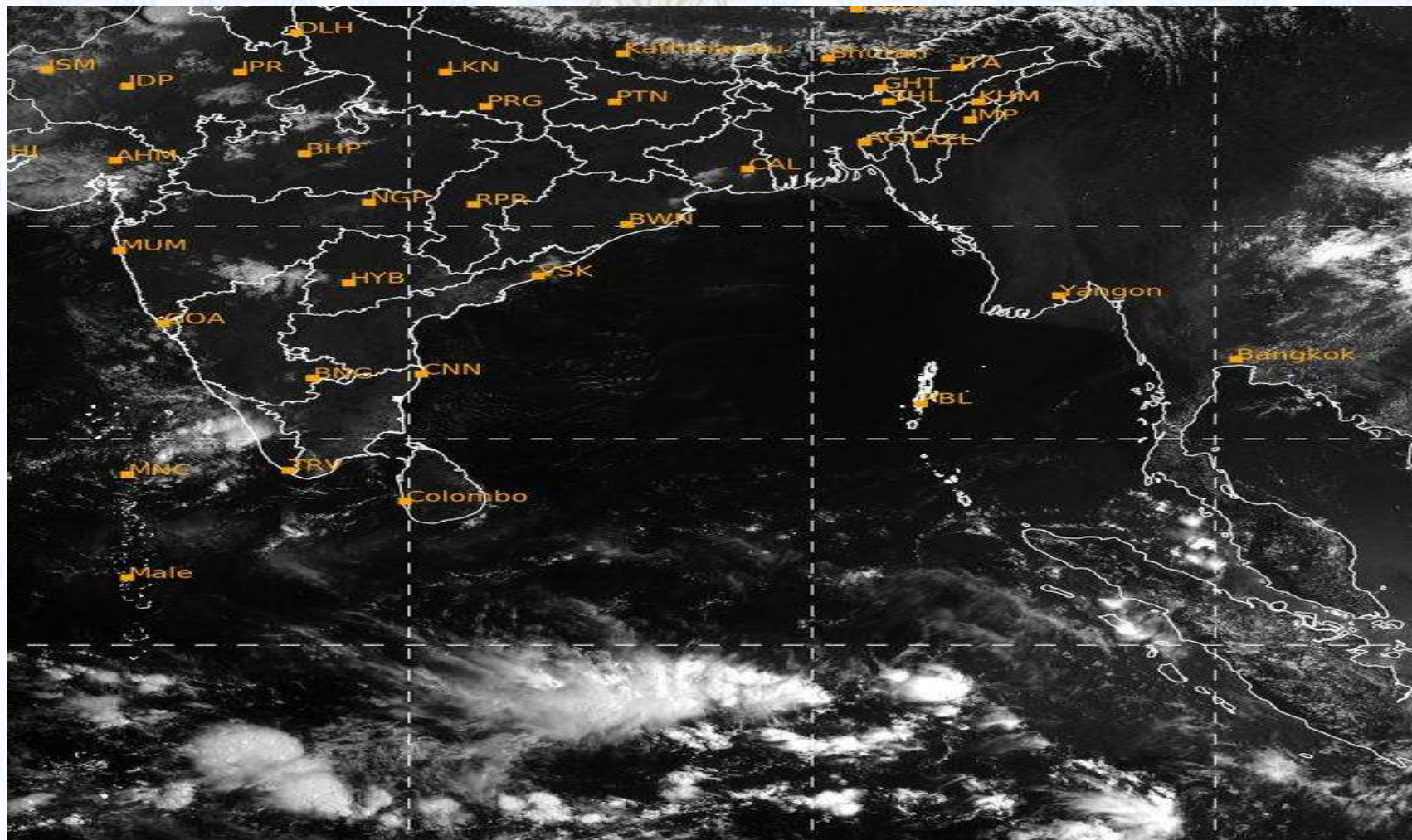
29/03/2020, 14:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



29/03/2020, 14:00 MATSAT-VIS

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



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 29.03.2020)

<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	WEST/ NORTH-WESTERLY, 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 =29,0000 UTC. CHATTOGRAM =1009 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 29.03.2020)

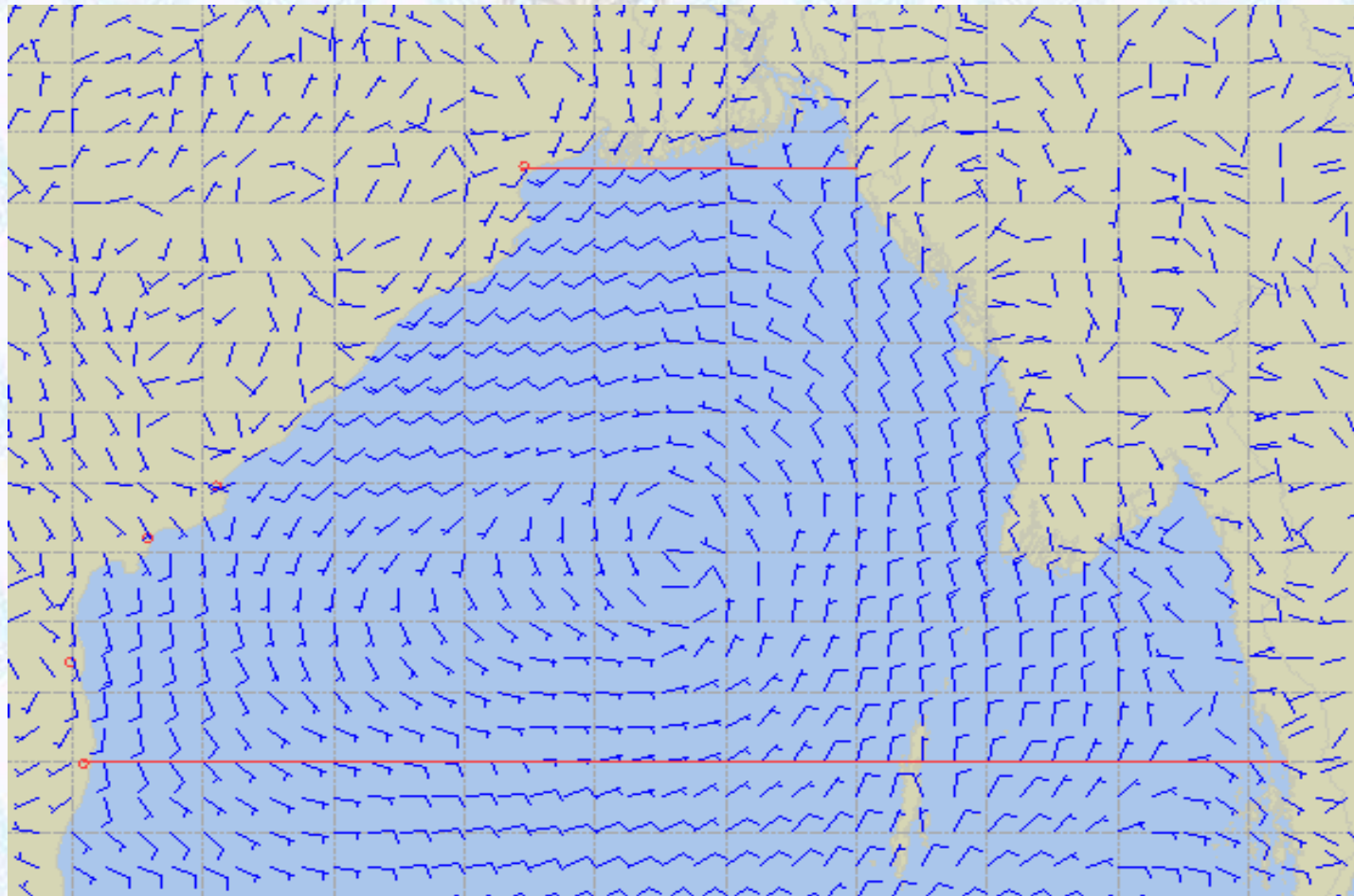
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 30 Mar - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



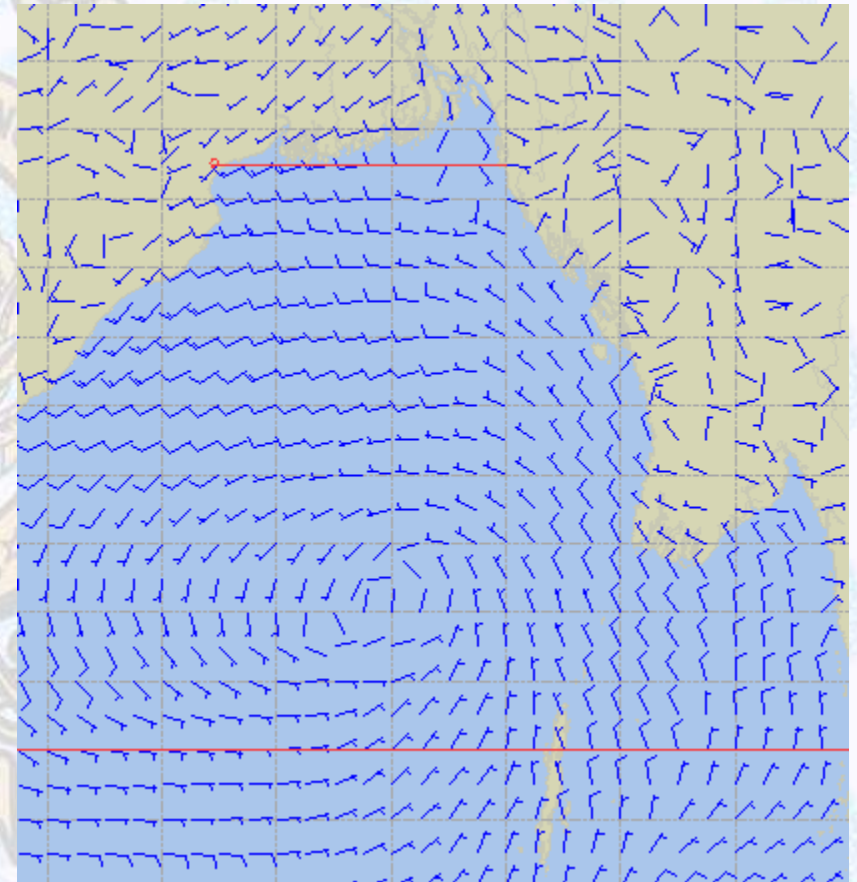
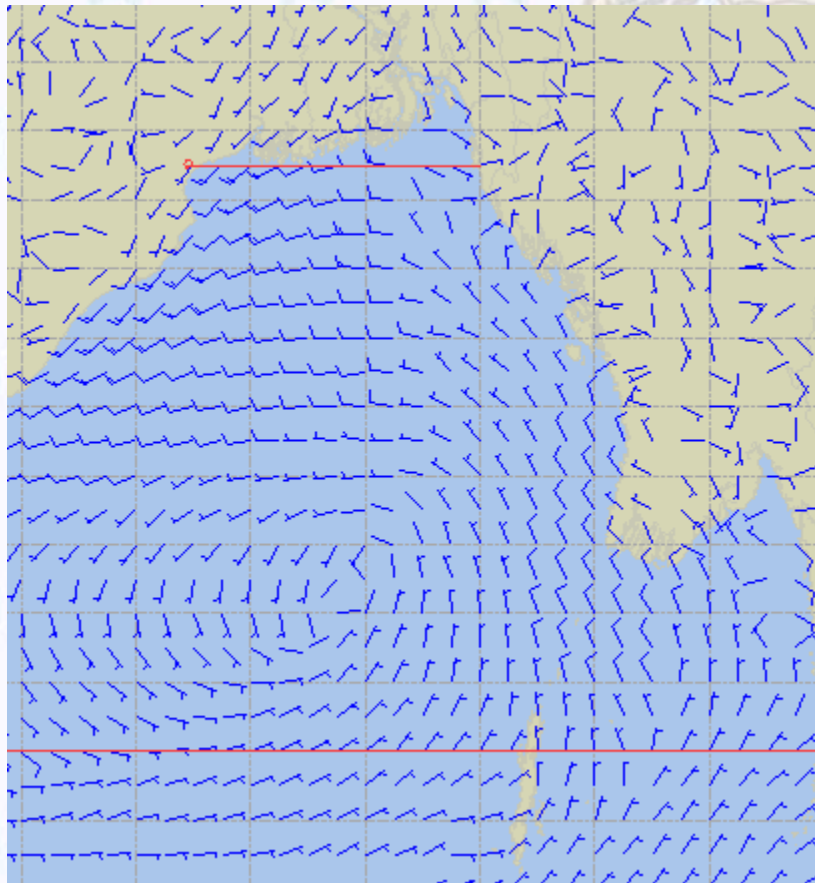
60 Knots



# Surface Wind Forecast – 31 Mar & 1 Apr- 2020

31 Mar 2020 Tuesday

1 Apr 2020 Wednesday



**Legend:**



Calm  
Winds



5 Knots



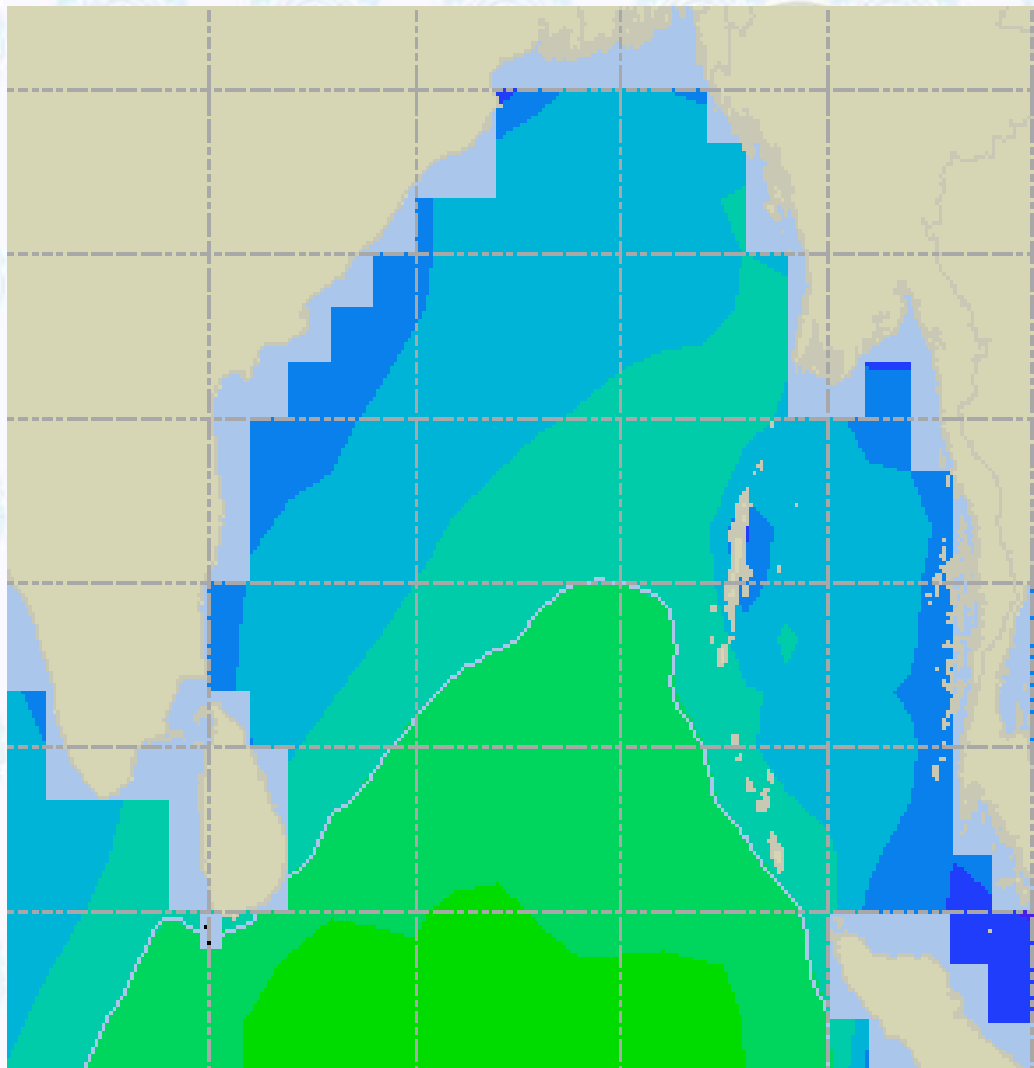
10 Knots



60 Knots



# Sea State Forecast - 30 Mar - 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

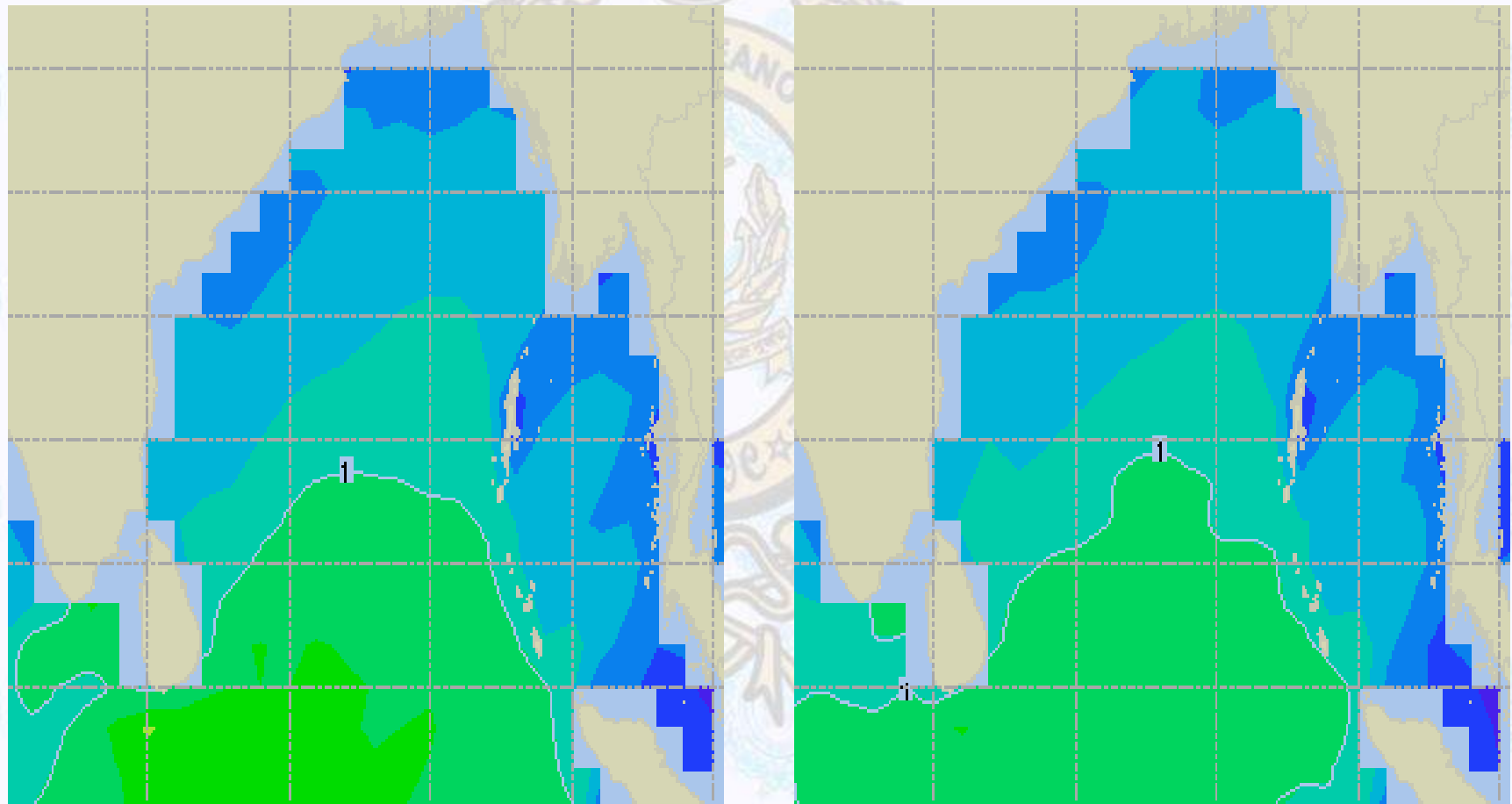




# Sea State Forecast - 31 Mar & 1 Apr- 2020

31 Mar 2020 Tuesday

1 Apr 2020 Wednesday

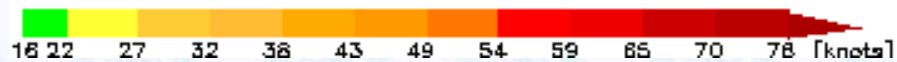
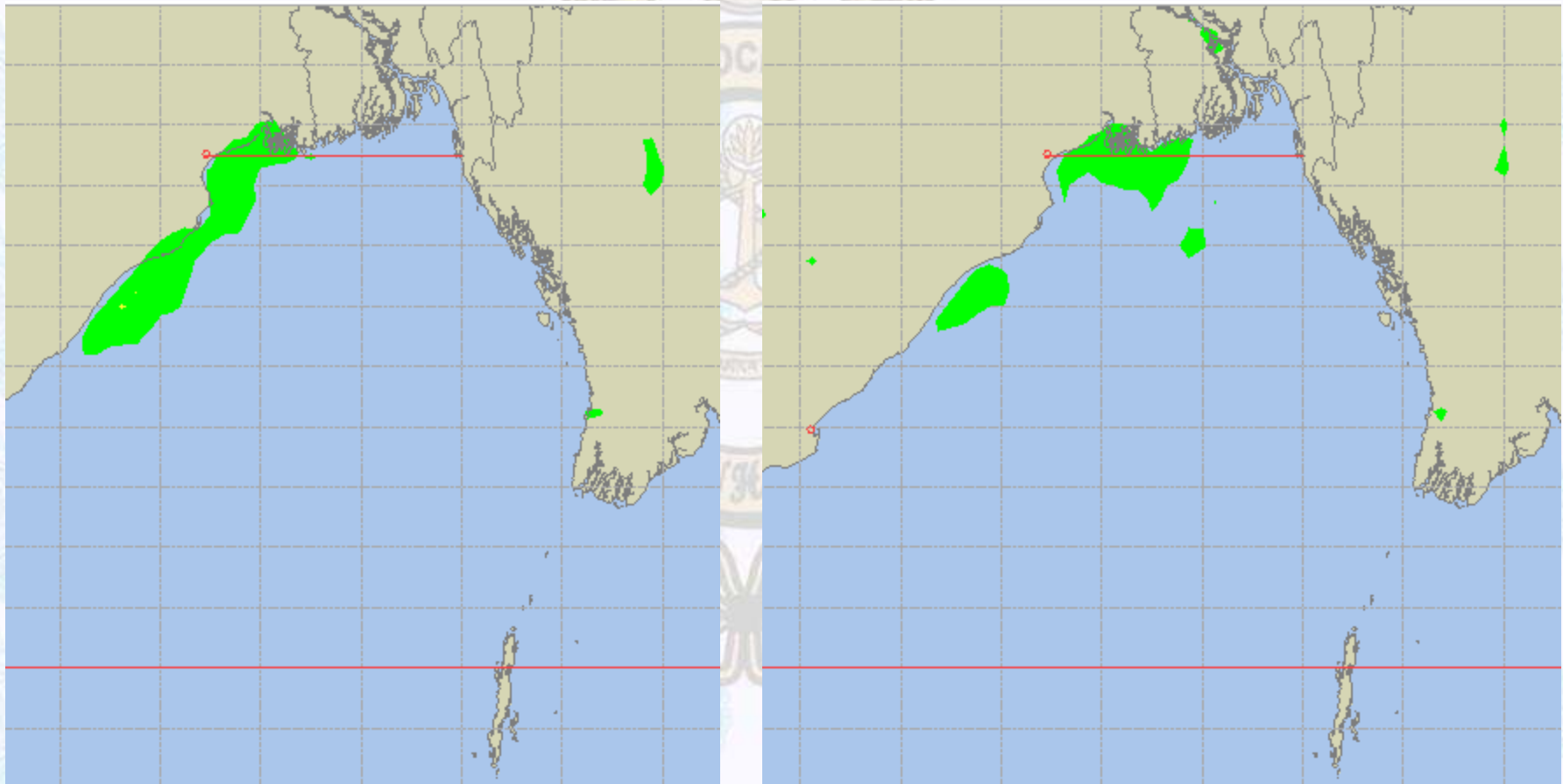




# Peak Gusting Possibilities – 30 & 31 Mar - 2020

30 Mar 2020 Monday

31 Mar 2020 Tuesday

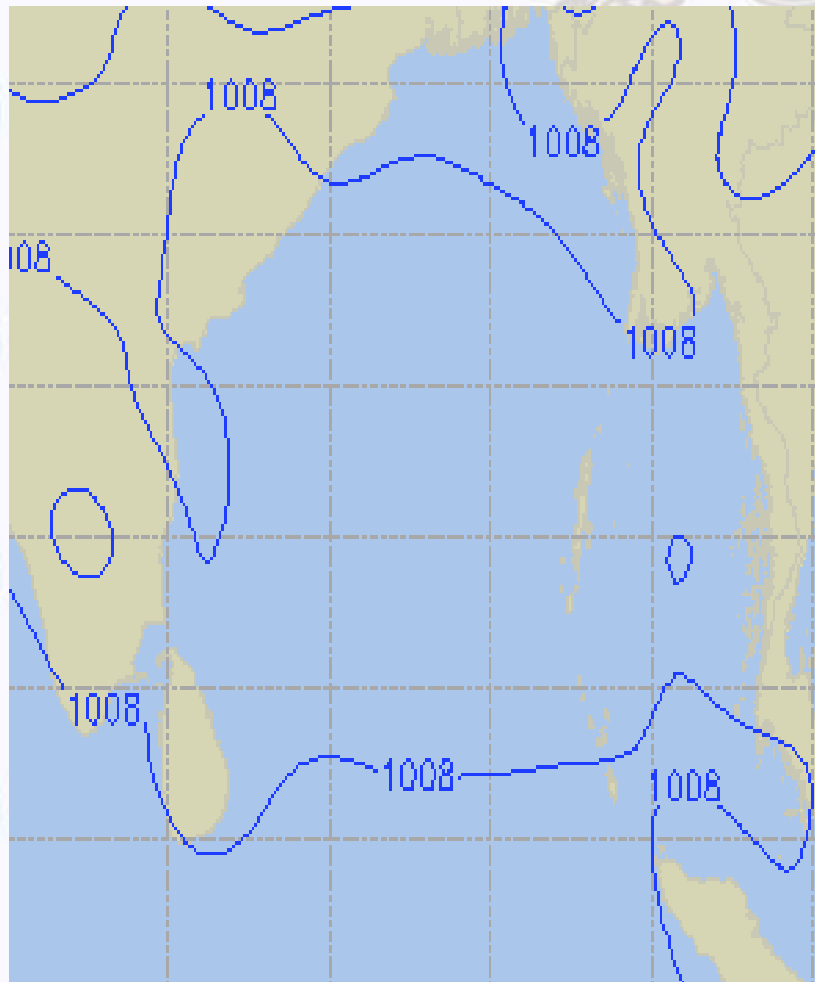




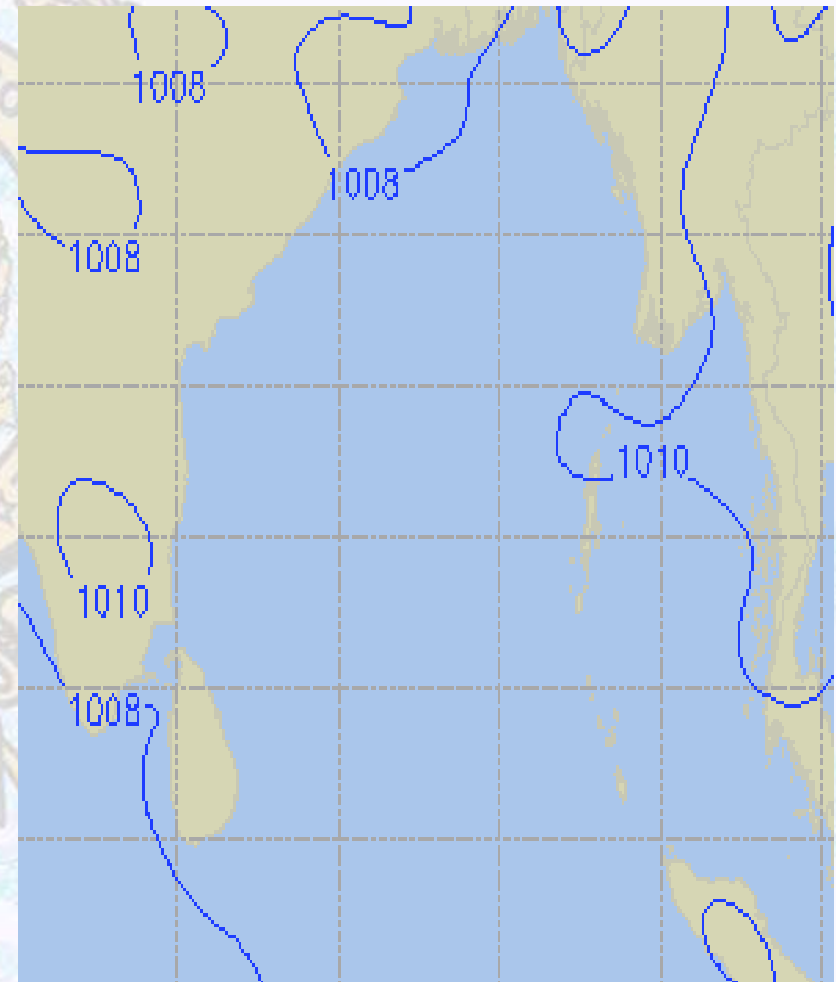


# Surface Pressure forecast – 30 & 31 Mar - 2020

30 Mar 2020 Monday



31 Mar 2020 Tuesday

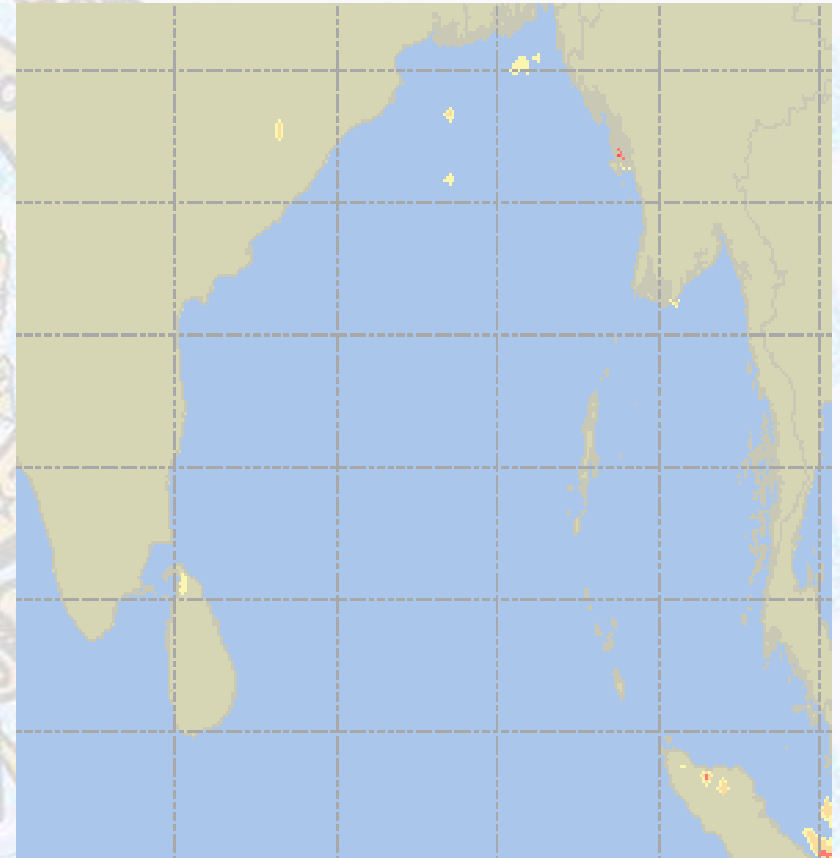
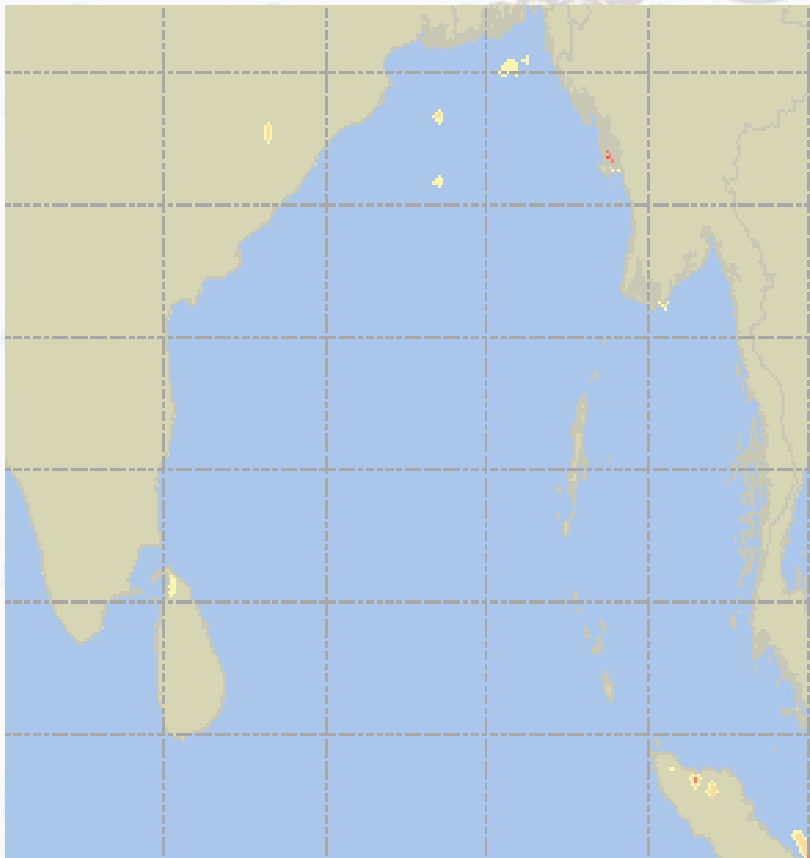




# Visibility at Sea Forecast – 30 & 31 Mar - 2020

30 Mar 2020 Monday

31 Mar 2020 Tuesday



**Visibility Scale:**



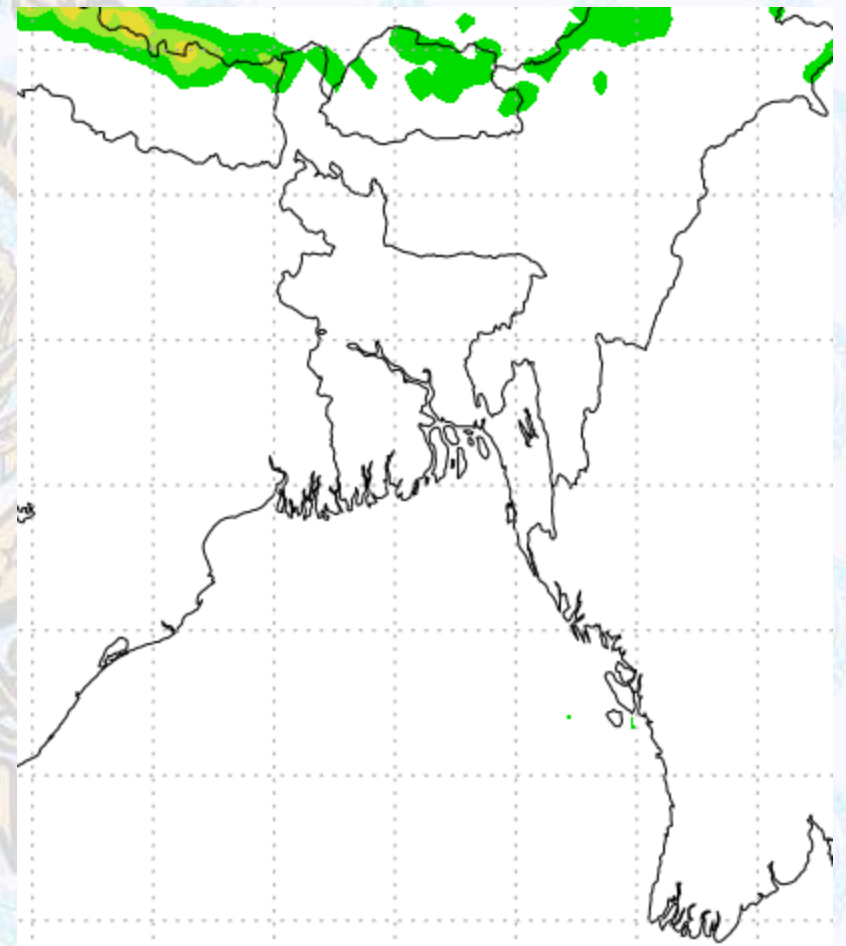
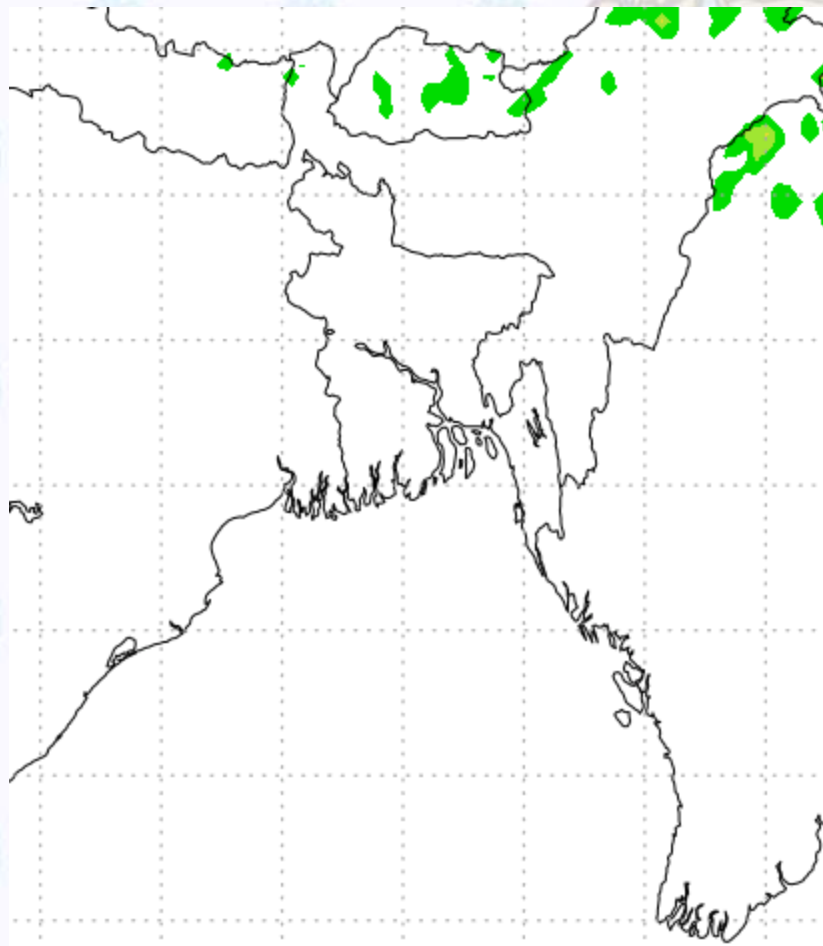
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 30 & 31 Mar 2020

Rain(mm) 31 Mar & 1 Apr 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>30 Mar 2020</b>	0349	3.87		0144	2.70		0126	2.43
	1014	0.54		0807	0.45		0738	0.64
	1609	4.04		1409	2.75		1354	2.56
	2246	0.83		2035	0.59		2013	0.94
<b>31 Mar 2020</b>	Time	Height		Time	Height		Time	Height
	0435	3.59		0225	2.49		0203	2.29
	1055	0.80		0843	0.61		0814	0.81
	1703	3.83		1455	2.59		1439	2.45
	2339	1.07		2121	0.75		2103	1.12
<b>1 Apr 2020</b>	Time	Height		Time	Height		Time	Height
	0538	3.30		0316	2.29		0253	2.13
	1152	1.11		0932	0.79		0906	1.00
	1817	3.63		1556	2.46		1545	2.34
	-	-		2225	0.90		2222	1.25