



# WEATHER FORECAST FOR BN

**15 - 18 JUNE 2020**



# WEATHER FORECAST – DHAKA

## 15.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	30 / 26	28 / 25	28 / 25
Wind	14 km/h SSE	15 km/h S	12 km/h SSE	11 km/h SSE
Humidity	72%	78%	84%	86%
Chance of Precip	24%	30%	36%	42%
Cloud Cover	80%	86%	91%	91%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 12 AM 6: 48 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 15.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	29 / 27	28 / 26	28 / 26
Wind	12 km/h S	20 km/h S	15 km/h S	14 km/h SSE
Humidity	79%	89%	91%	92%
Chance of Precip.	20%	20%	89%	77%
Cloud Cover	80%	86%	88%	89%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 09 AM 6: 39 PM			

### Conditions

Pressure : 1003 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 15.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30 / 28	28 / 27	28 / 26
Wind	14 km/h S	15 km/h S	10 km/h S	9 km/h SSE
Humidity	90%	87%	91%	92%
Chance of Precip.	21%	33%	30%	31%
Cloud Cover	87%	87%	83%	86%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 19 AM 6: 49 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 12.87 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	16 June 2020	17 June 2020	18 June 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	30 °C/ 26 °C	30 °C/ 26 °C
<b>Summary</b>	Thunderstorms	Thunderstorms	Thunderstorms
<b>Sun Rise/Set</b>	5h11m00s/18h47m36s	5h11m12s/18h47m48s	5h11m30s/18h48m06s
<b>Day Length</b>	13h36m36s	13h36m36s	13h36m36s
<b>Moon Rise/ Set</b>	1:46 PM 2:26 AM	2:18 PM 3:17 AM	2:53 PM 4:10 AM
<b>Moon Phase/ illu</b>	Waning Crescent .20%	Waning Crescent .12%	Waning Crescent .6%
<b>NauticalTwilight</b>	0415,1943	0415,1943	0415,1943
<b>Civil Twilight</b>	0445,1912	0445,1912	0446,1913
<b>Humidity</b>	D : 81% N : 87%	D : 83% N : 89%	D : 84% N : 89%
<b>Barometer (mb)</b>	1001	1000	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	90%	90%
<b>Wind (mph)</b>	16 Km/h SSE	14 Km/h S	18 Km/h SE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	16 June 2020	17 June 2020	18 June 2020
<b>Temperature (C)</b>	29° C/ 26° C	28° C/ 25° C	28° C/ 25° C
<b>Summary</b>	Thunderstorms	Thunderstorms	Thunderstorms
<b>Sun Rise/Set</b>	5h08m30s/18h38m30s	5h08m42s/18h38m42s	5h09m00s/18h39m00s
<b>Day Length</b>	13h30m00s	13h30m00s	13h30m00s
<b>Moon Rise/ Set</b>	1:41 PM 2:19 AM	2:13 PM 3:10 AM	2:49 PM 4:02 AM
<b>Moon Phase/ illu</b>	Waning Crescent .20%	Waning Crescent .13%	Waning Crescent .6%
<b>NauticalTwilight</b>	0413, 1933	0413, 1933	0413, 1933
<b>Civil Twilight</b>	0443, 1903	0443, 1903	0443, 1903
<b>Humidity</b>	D : 90% N : 94%	D : 95% N : 96%	D : 94% N : 96%
<b>Barometer (mb)</b>	1003	1001	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	100%	100%
<b>Wind (mph)</b>	19 Km/h S	16 Km/h SSW	19 Km/h SSE

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



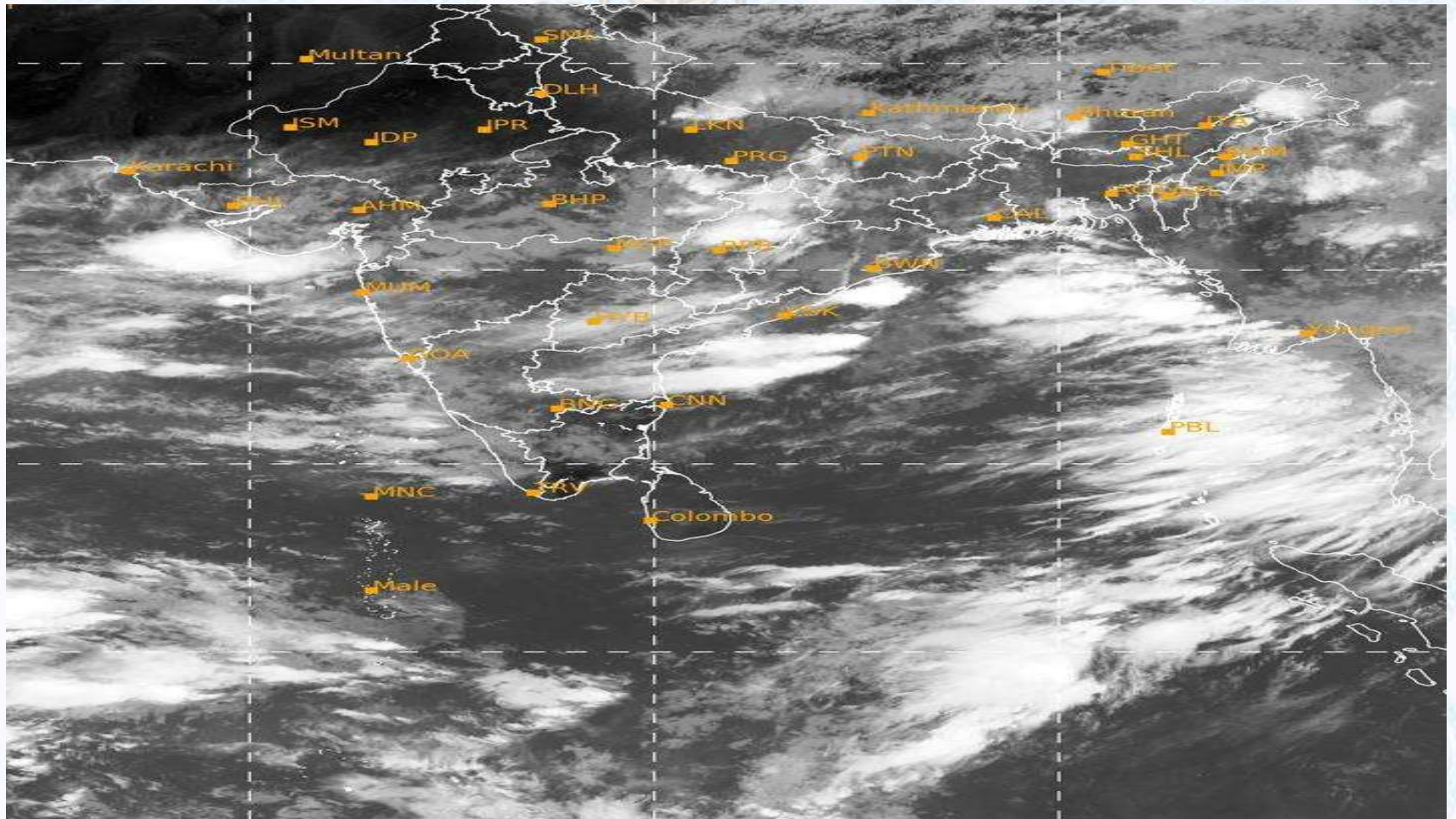
# GENERAL WEATHER FORECAST – KHULNA

Description	16 June 2020	17 June 2020	18 June 2020
<b>Temperature(C)</b>	31°C/ 26°C	30°C/ 26°C	30°C/ 26°C
<b>Summary</b>	Thunderstorms	Thunderstorms	Thunderstorms
<b>Sun Rise/Set</b>	5h16m36s/18h48m48s	5h16m48s/18h49m00s	5h17m06s/18h49m18s
<b>Day Length</b>	13h32m12s	13h32m12s	13h32m12s
<b>Moon Rise/Set</b>	1:51 PM 2:29 AM	2:23 PM 3:20 AM	2:59 PM 4:12 AM
<b>Moon Phase/illu</b>	Waning Crescent .20%	Waning Crescent .12%	Waning Crescent .6%
<b>Nautical Twilight</b>	0421, 1942	0421, 1944	0421, 1944
<b>Civil Twilight</b>	0451, 1912	0451, 1913	0451, 1914
<b>Humidity</b>	D : 84% N : 90%	D : 86% N : 91%	D : 86% N : 91%
<b>Barometer (mb)</b>	1001	1000	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	100%	90%
<b>Wind (mph)</b>	16 km/h SSE	14 km/h SSW	15 km/h SSE

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



# SATELLITE VIEW OF BAY OF BENGAL



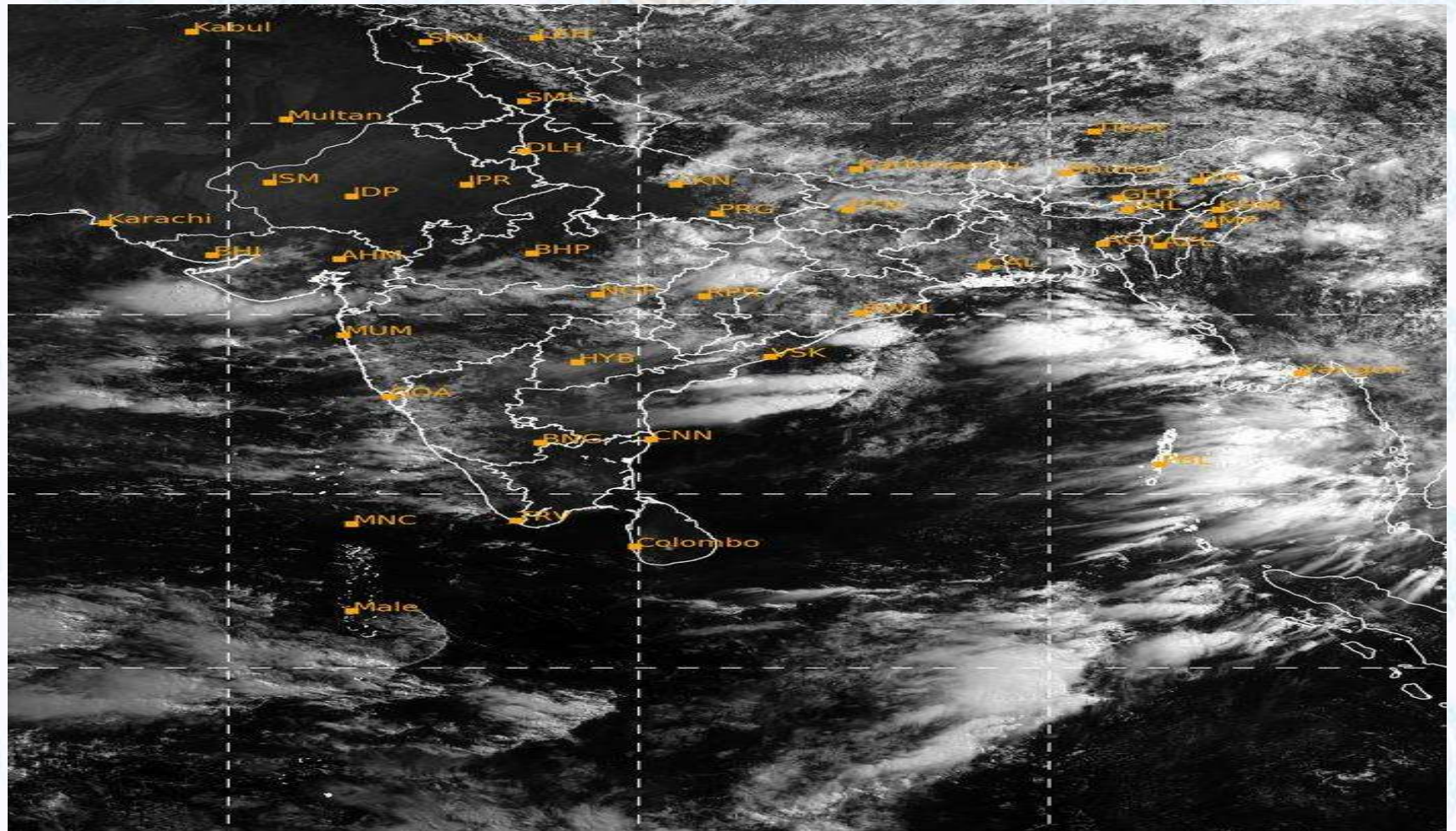
15/06/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



15/06/2020, 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 15.06.2020)

<b>Part One</b>	NO STORM WARNING..	
<b>Part Two</b>	MONSOON IS MODERATE OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY 10-15 KTS, TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =15,0000 UTC. CHATTOGRAM =1003 HPA



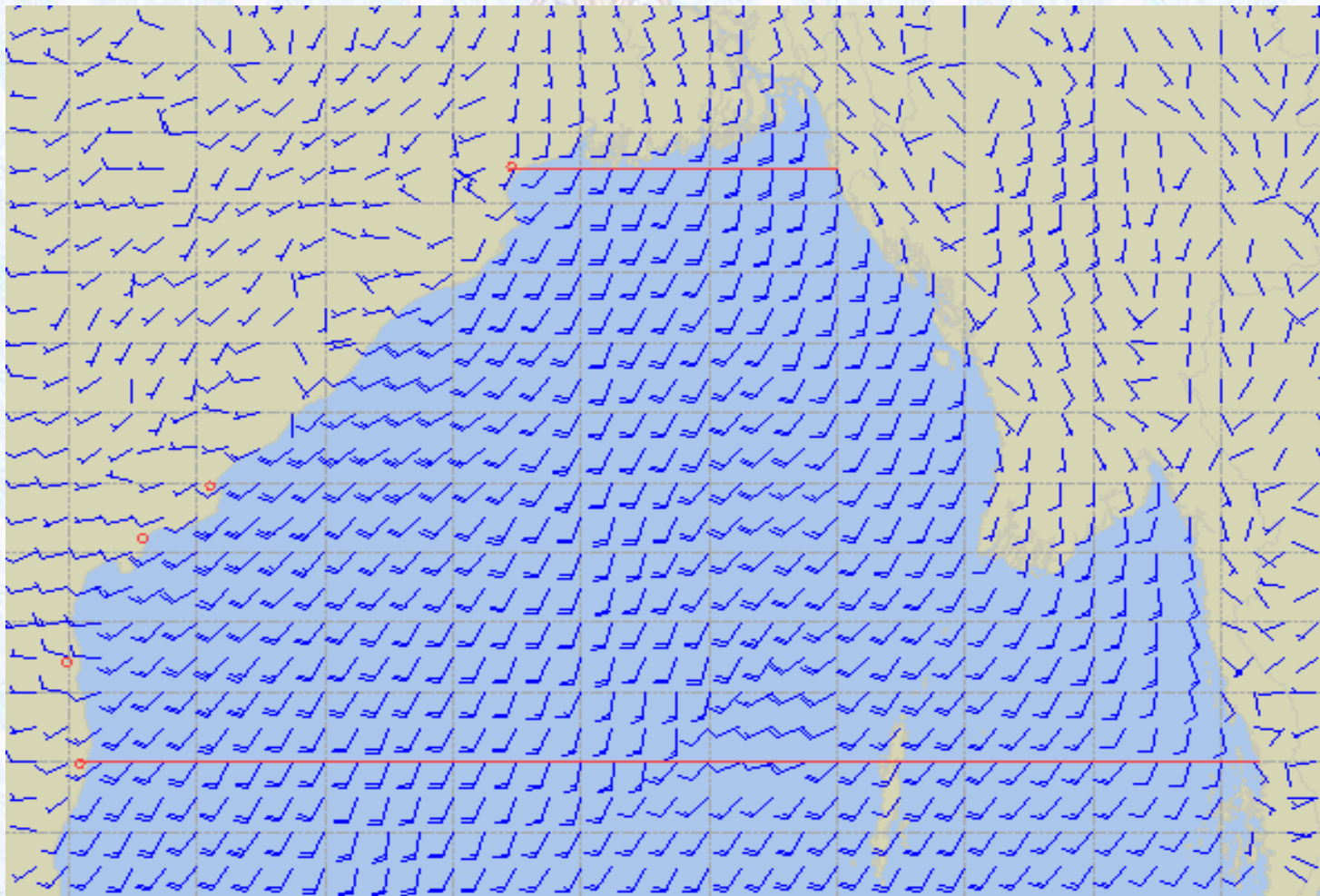
# Inland River Port Warning (VALID TILL 07 PM OF 15.06.2020)

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH-WEST/SOUTHERLYGUSTY/SQUALLY **WIND SPEED 45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI,RANGPUR, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR,JASHORE, KUSHTIA, KHULNA, BARISAL, PATUAKAHLI, NOAKHALI, CUMILLA, CHATTOGRAM,COX'S BAZAR AND SYLHET **WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE(R) ONE.**

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



# Surface Wind Forecast- 16 June- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



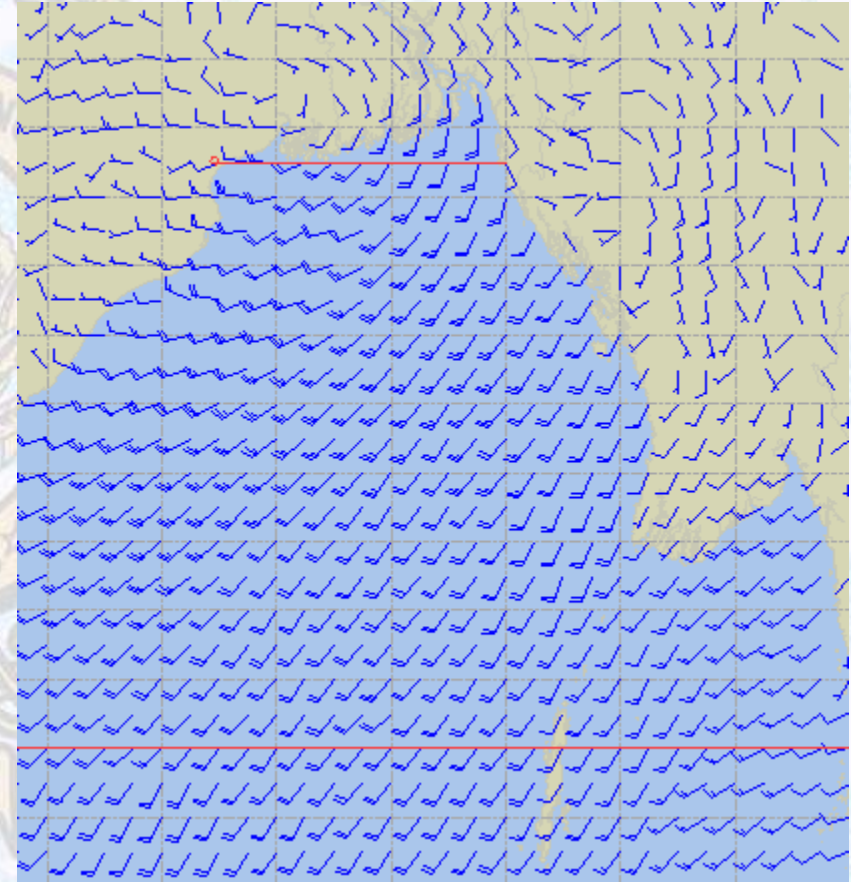
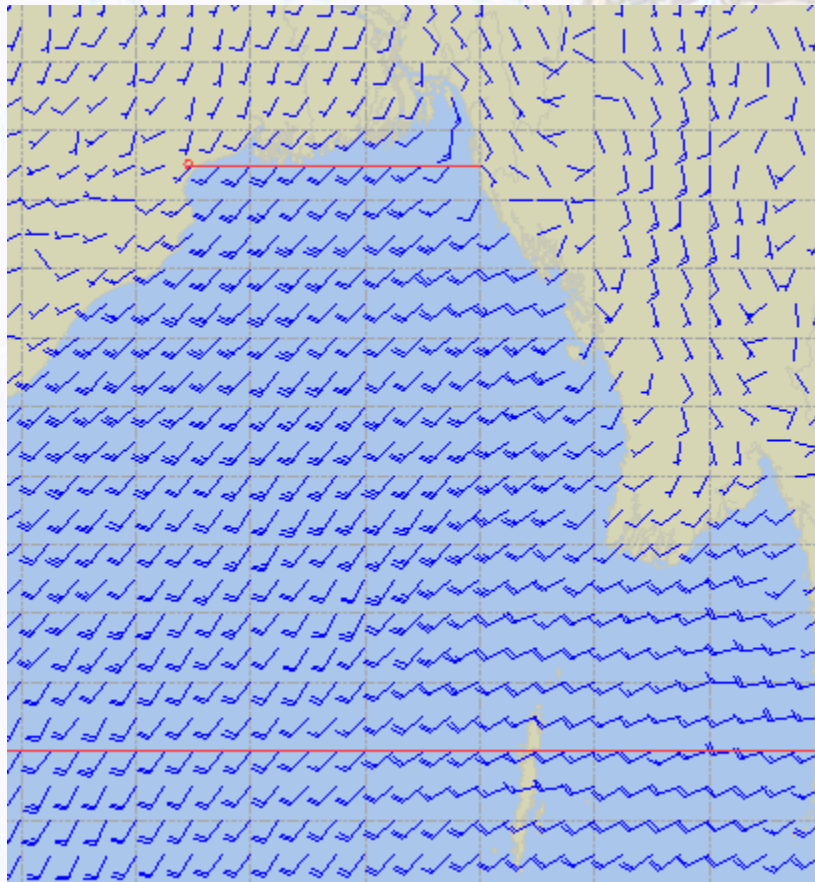
**60 Knots**



# Surface Wind Forecast – 17 & 18 June- 2020

17 June 2020 Wednesday

18 June 2020 Thursday



**Legend:**



**Calm  
Winds**



**5 Knots**



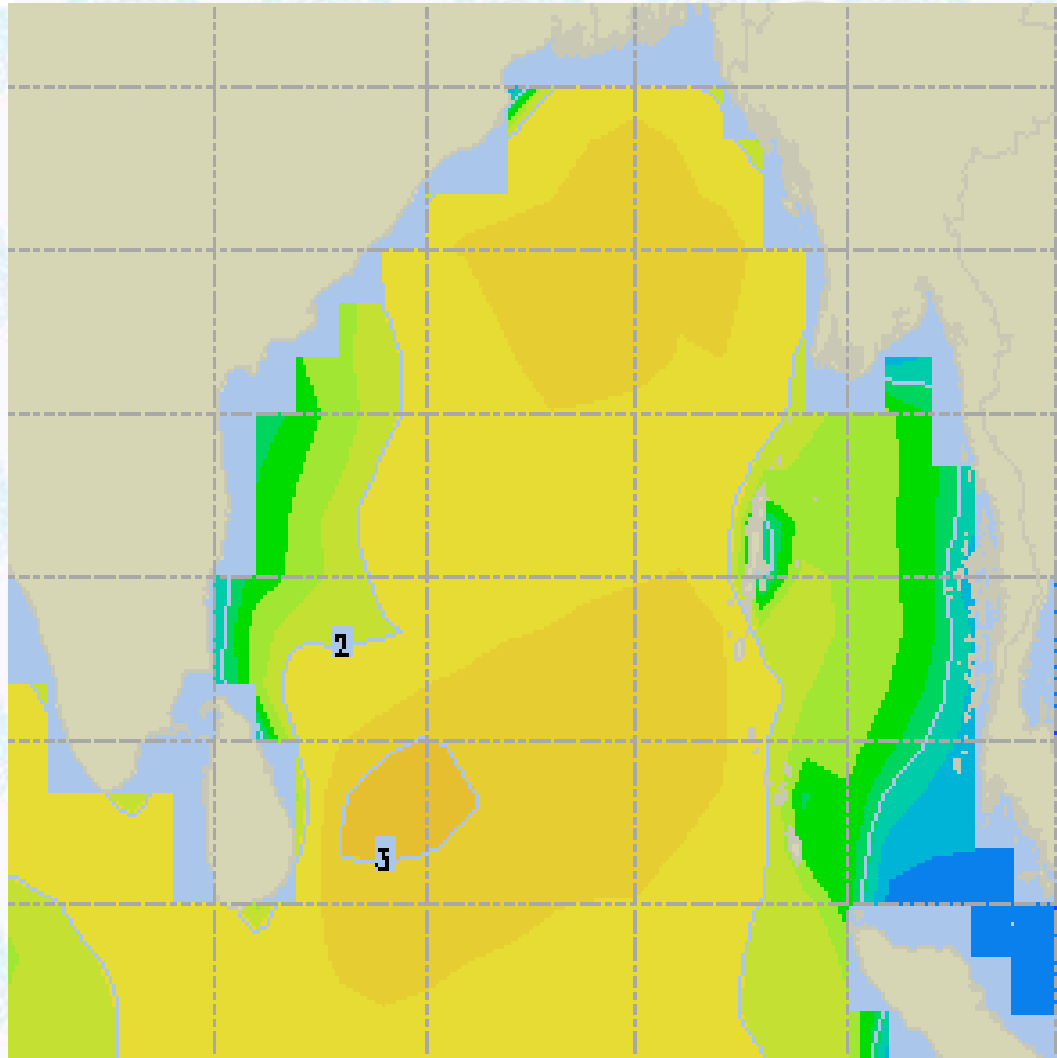
**10 Knots**



**60 Knots**



# Sea State Forecast – 16 June- 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

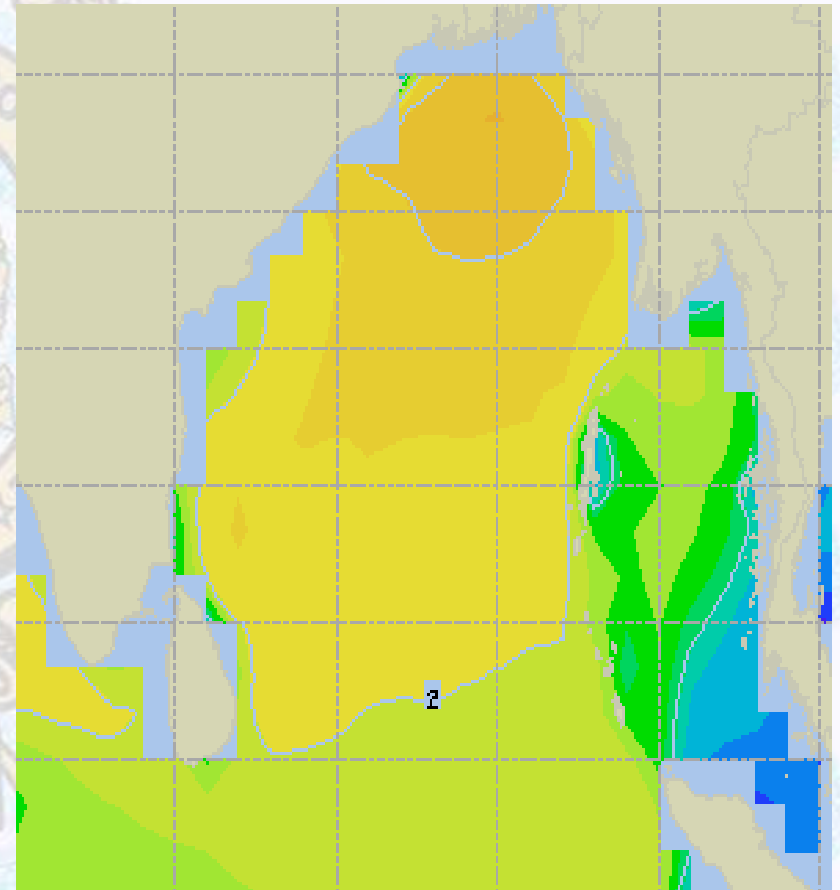
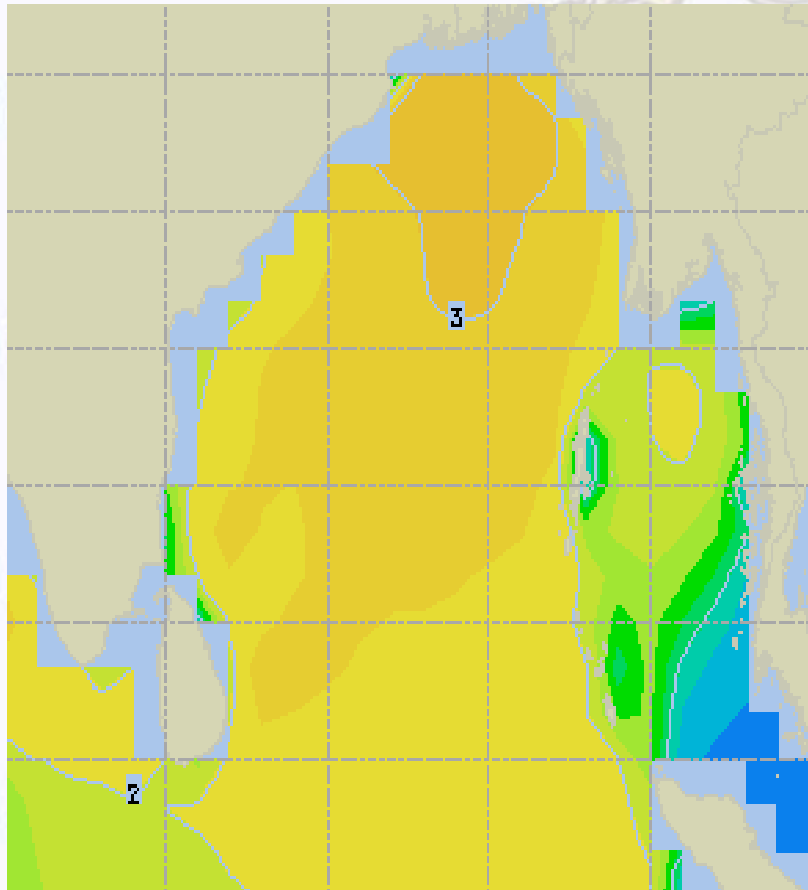




# Sea State Forecast – 17 & 18 June-2020

17 June 2020 Wednesday

18 June 2020 Thursday

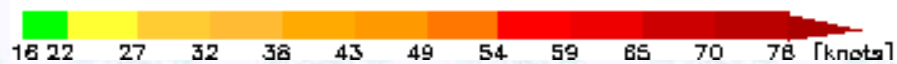
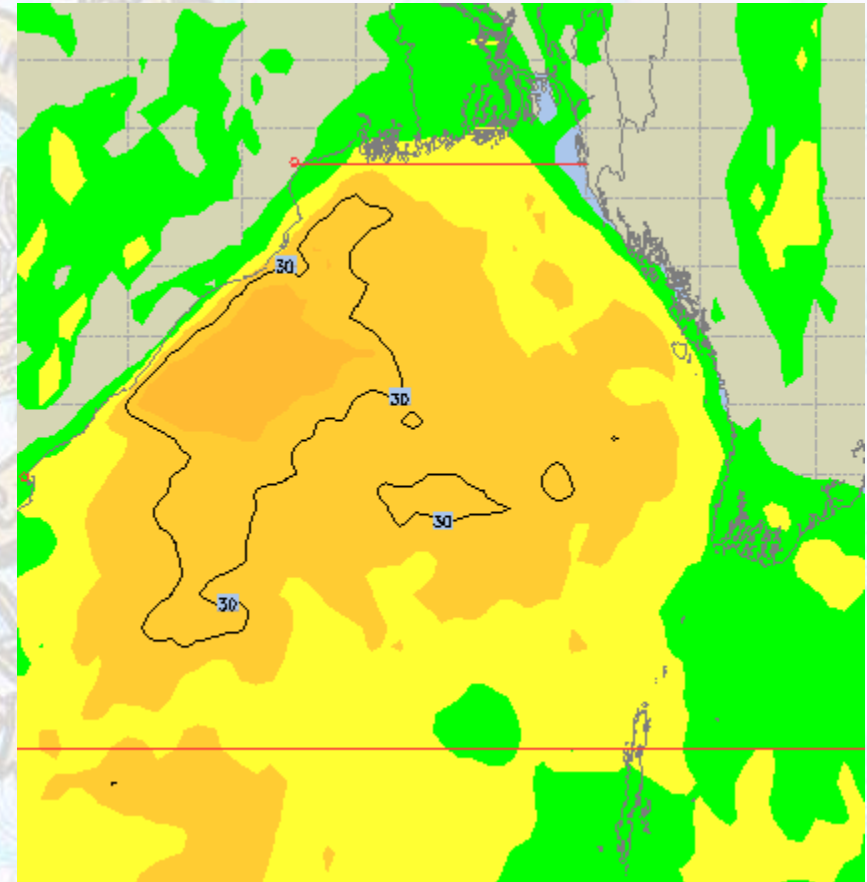
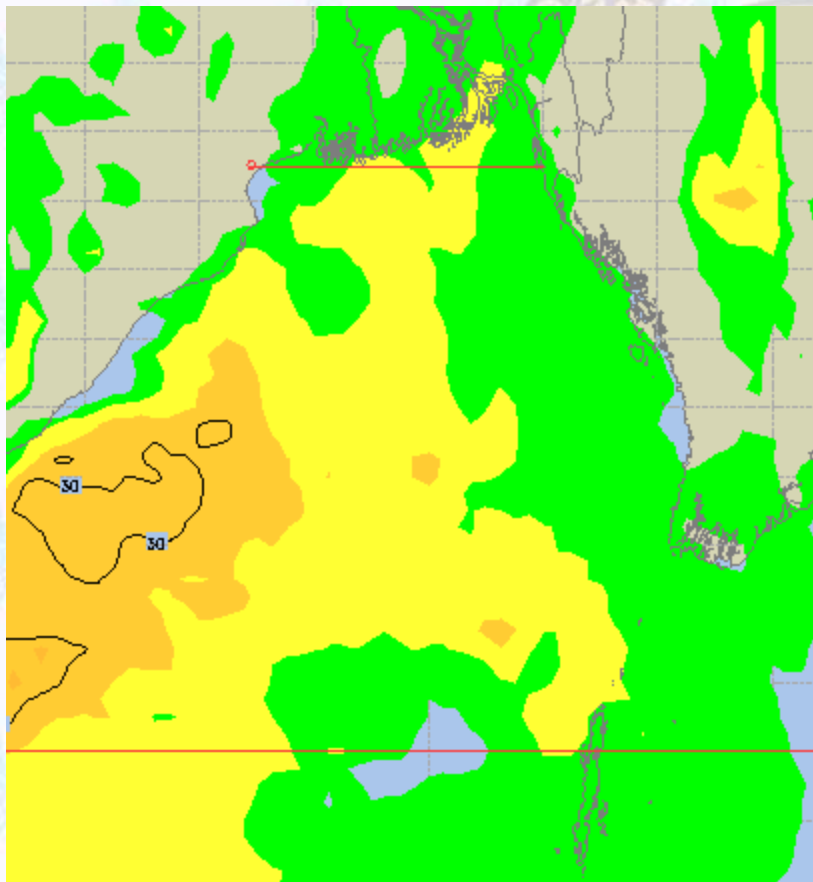




# Peak Gusting Possibilities— 16 & 17 June 2020

16 June 2020 Tuesday

17 June 2020 Wednesday



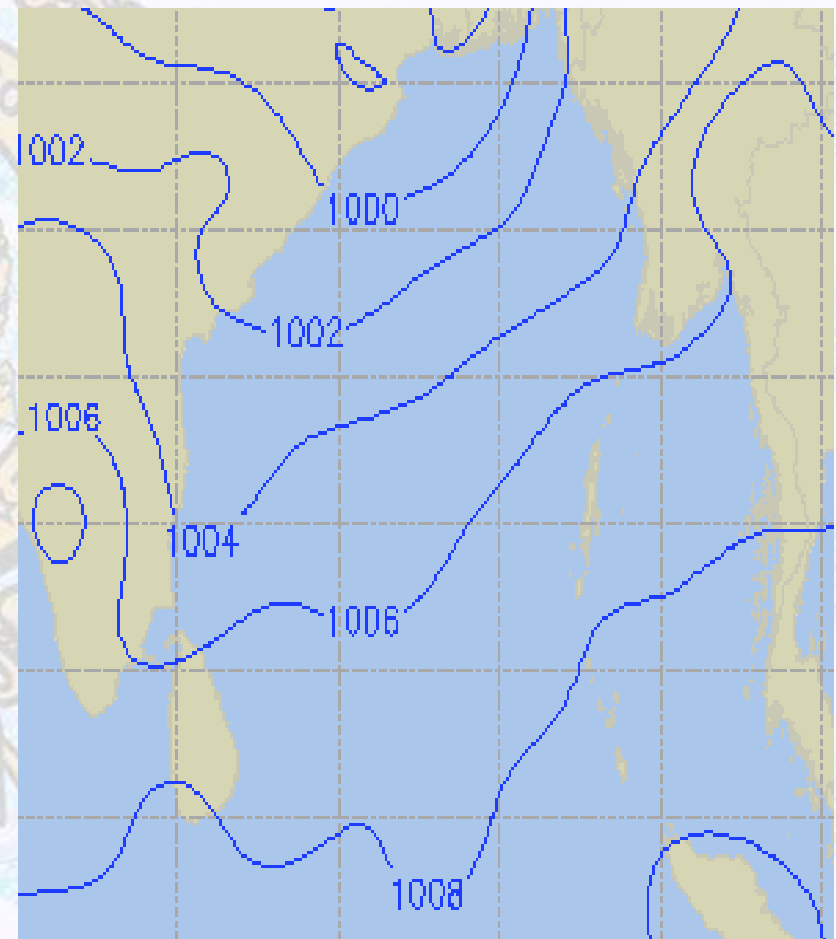
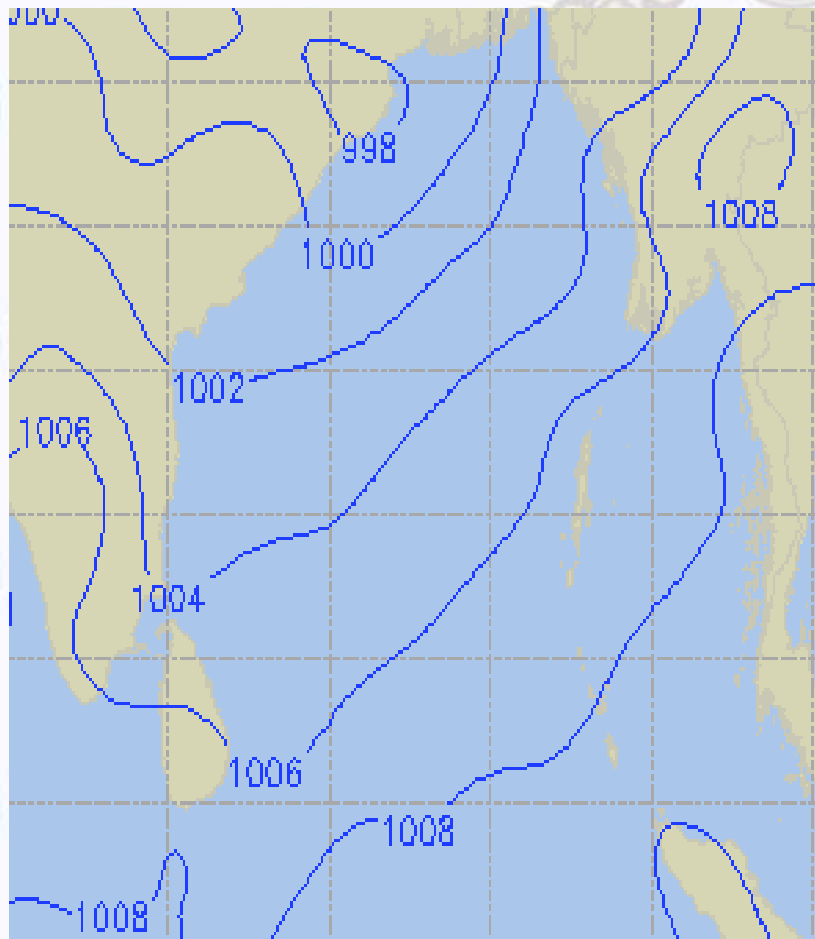




# Surface Pressure forecast– 16 & 17 June 2020

16 June 2020 Tuesday

17 June 2020 Wednesday

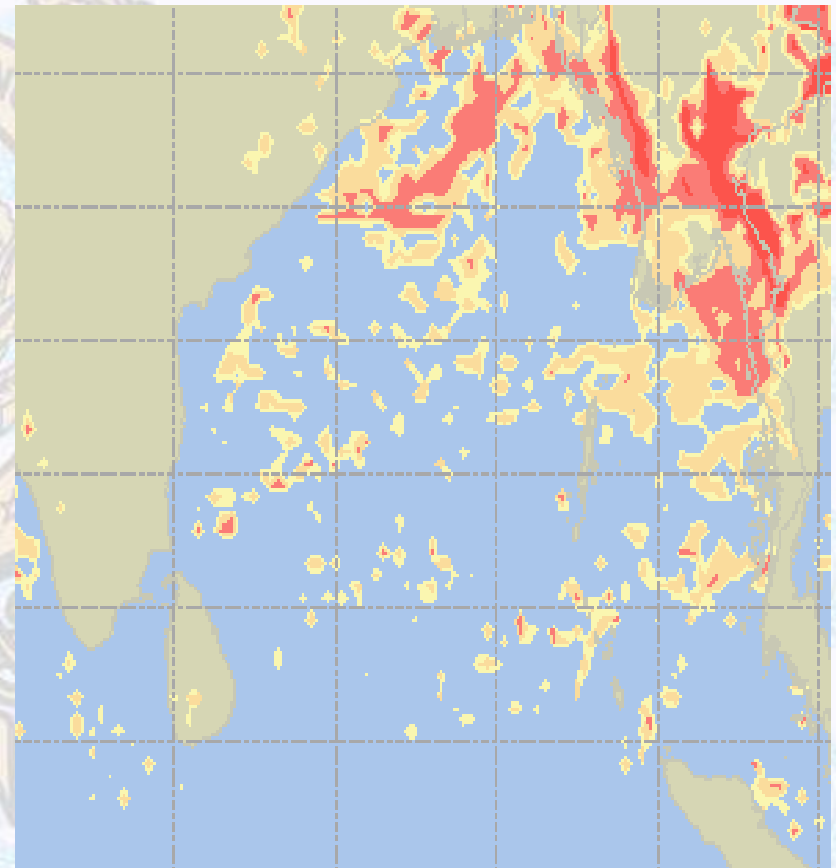
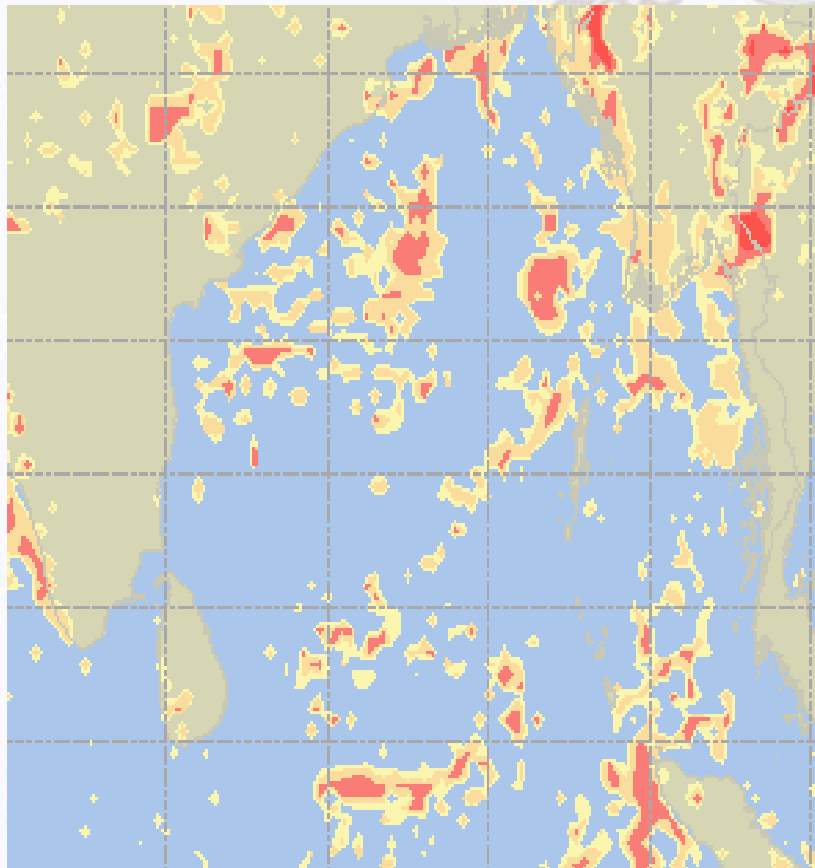




# Visibility at Sea Forecast – 16 & 17 June- 2020

16 June 2020 Tuesday

17 June 2020 Wednesday



**Visibility Scale:**



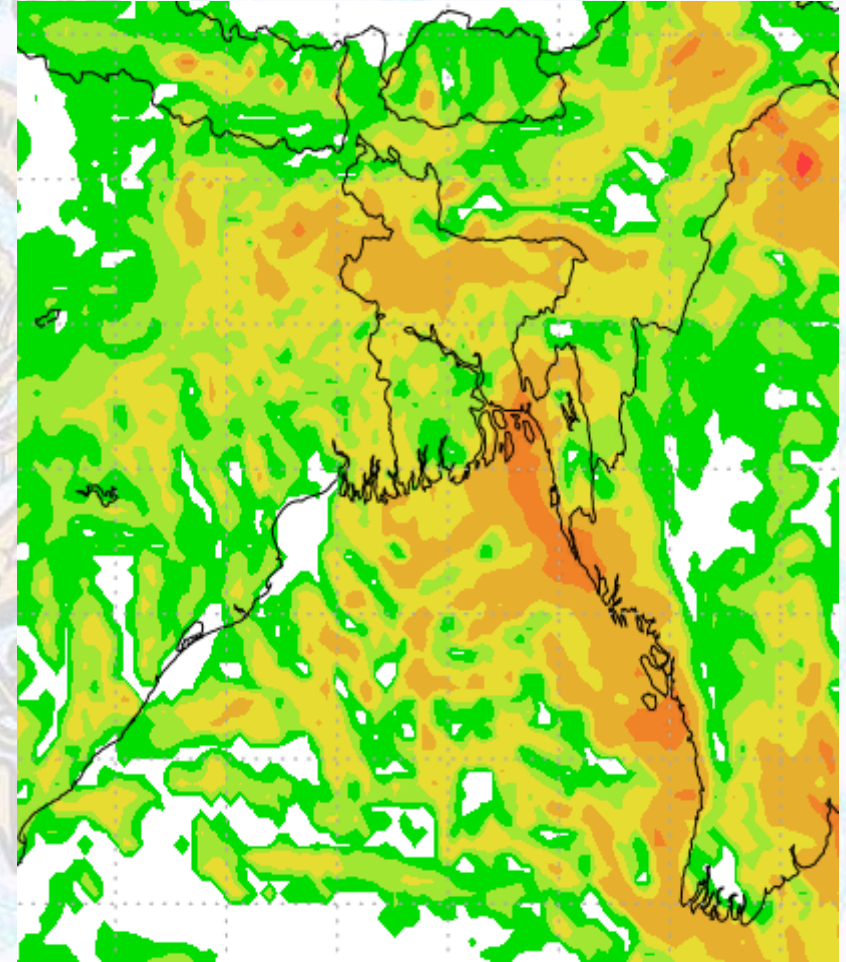
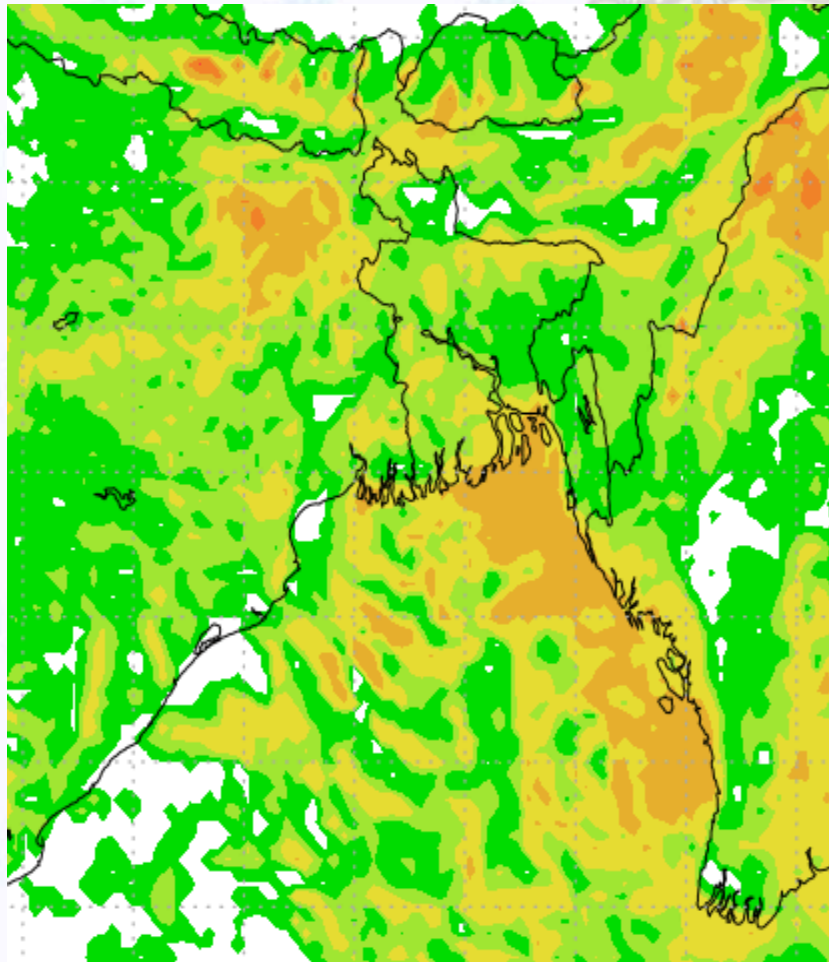
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



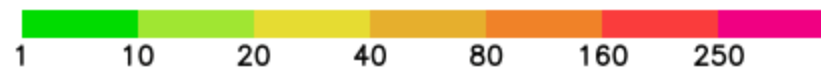
# Precipitation

Rain(mm) 16 & 17 June 2020

Rain(mm) 17 & 18 June 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>15 June 2020</b>	0225	1.47		0001	1.57		0552	2.66
	0842	4.28		0610	2.76		1159	1.67
	1505	1.68		1236	1.56		1751	2.64
	2057	4.17		1831	2.78		-	-
<b>16 June 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0325	1.43		0109	1.51		0028	1.39
	0942	4.45		0718	2.93		0702	2.77
	1609	1.52		1344	1.48		1315	1.60
	2159	4.24		1934	2.86		1902	2.64
<b>17 June 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0419	1.33		0204	1.41		0124	1.31
	1032	4.65		0809	3.14		0756	2.91
	1701	1.34		1439	1.37		1416	1.48
	2250	4.37		2024	2.99		2002	2.69