



# WEATHER FORECAST FOR BN

**14 - 17 JUNE 2020**



# WEATHER FORECAST – DHAKA

## 14.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	31 / 26	29 / 25	28 / 25
Wind	17 km/h SSE	16 km/h SSE	13 km/h SSE	12 km/h SE
Humidity	74%	75%	82%	85%
Chance of Precip	17%	15%	19%	22%
Cloud Cover	81%	78%	74%	85%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 12 AM 6: 47 PM			

### Conditions

Pressure : 1002 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 14.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	29 / 27	28 / 26	28 / 26
Wind	19 km/h S	16 km/h S	13 km/h SSE	13 km/h SE
Humidity	79%	89%	90%	91%
Chance of Precip.	24%	16%	24%	41%
Cloud Cover	75%	83%	80%	75%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 09 AM 6: 39 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 14.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30 / 27	29 / 27	28 / 27
Wind	17 km/h S	17 km/h S	11 km/h SSE	8 km/h SSE
Humidity	87%	83%	90%	93%
Chance of Precip.	24%	45%	22%	24%
Cloud Cover	81%	82%	78%	78%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 19 AM 6: 49 PM			

### Conditions

Pressure : 10025 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	15 June 2020	16 June 2020	17 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>	5h10m42s/18h47m18s	5h11m00s/18h47m36s	5h11m12s/18h47m48s
<b>Day Length</b>	13h36m36s	13h36m36s	13h36m36s
<b>Moon Rise/ Set</b>	1:14 PM 1:36 AM	1:46 PM 2:26 AM	2:18 PM 3:17 AM
<b>Moon Phase/ illu</b>	Waning Crescent .28%	Waning Crescent .20%	Waning Crescent .12%
<b>NauticalTwilight</b>	0415,1942	0415,1943	0415,1943
<b>Civil Twilight</b>	0445,1912	0445,1912	0445,1912
<b>Humidity</b>	D : 80% N : 86%	D : 83% N : 88%	D : 84% N : 88%
<b>Barometer (mb)</b>	1002	1002	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	90%	90%
<b>Wind (mph)</b>	17 Km/h SSE	17 Km/h SSE	15 Km/h SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	15 June 2020	16 June 2020	17 June 2020
<b>Temperature (C)</b>	30°C/ 26°C	29°C/ 26°C	28°C/ 26°C
<b>Summary</b>	Thunderstorms	Thunderstorms	Thunderstorms
<b>Sun Rise/Set</b>	5h08m12s/18h38m12s	5h08m30s/18h38m30s	5h08m42s/18h38m42s
<b>Day Length</b>	13h30m00s	13h30m00s	13h30m00s
<b>Moon Rise/ Set</b>	1:08 PM 1:30 AM	1:41 PM 2:19 AM	2:13 PM 3:10 AM
<b>Moon Phase/ illu</b>	Waning Crescent .28%	Waning Crescent .20%	Waning Crescent .13%
<b>NauticalTwilight</b>	0413, 1933	0413, 1933	0413, 1933
<b>Civil Twilight</b>	0443, 1903	0443, 1903	0443, 1903
<b>Humidity</b>	D : 87% N : 92%	D : 90% N : 95%	D : 95% N : 96%
<b>Barometer (mb)</b>	1004	1003	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	87%	90%	95%
<b>Wind (mph)</b>	18 Km/h S	19 Km/h S	15 Km/h S

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



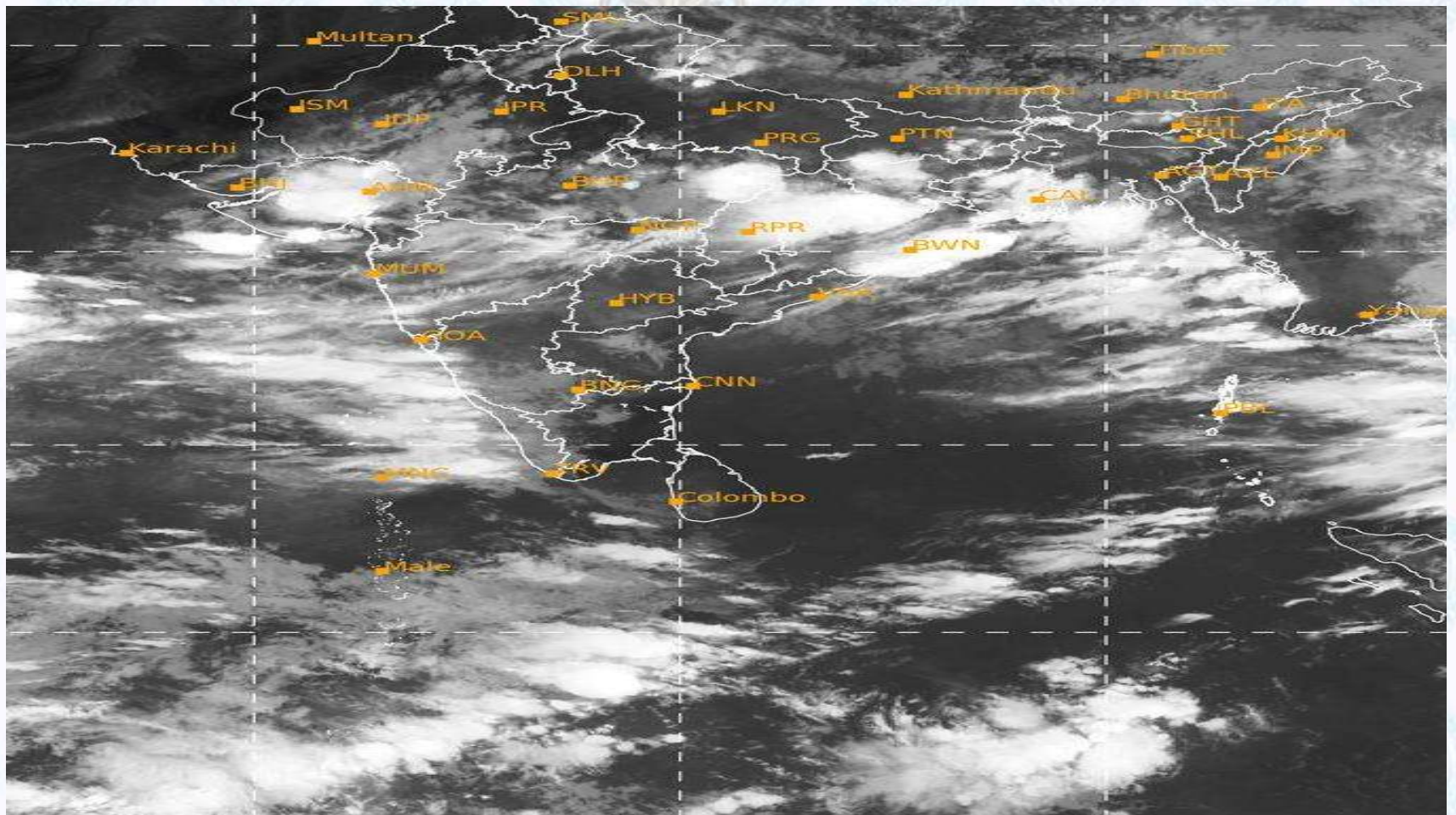
# GENERAL WEATHER FORECAST – KHULNA

Description	15 June 2020	16 June 2020	17 June 2020
<b>Temperature(C)</b>	31°C/ 26°C	31°C/ 26°C	30°C/ 26°C
<b>Summary</b>	Thunderstorms	Thunderstorms	Thunderstorms
<b>Sun Rise/Set</b>	5h16m18s/18h48m30s	5h16m36s/18h48m48s	5h16m48s/18h49m00s
<b>Day Length</b>	13h32m12s	13h32m12s	13h32m12s
<b>Moon Rise/Set</b>	1:18 PM 1:40 AM	1:51 PM 2:29 AM	2:23 PM 3:20 AM
<b>Moon Phase/illu</b>	Waning Crescent .28%	Waning Crescent .20%	Waning Crescent .12%
<b>Nautical Twilight</b>	0421, 1943	0421, 1942	0421, 1944
<b>Civil Twilight</b>	0451, 1913	0451, 1912	0451, 1913
<b>Humidity</b>	D : 83% N : 89%	D : 86% N : 90%	D : 87% N : 91%
<b>Barometer (mb)</b>	1002	1000	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	90%	90%
<b>Wind (mph)</b>	15 km/h SSE	15 km/h S	14 km/h S

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



# SATELLITE VIEW OF BAY OF BENGAL



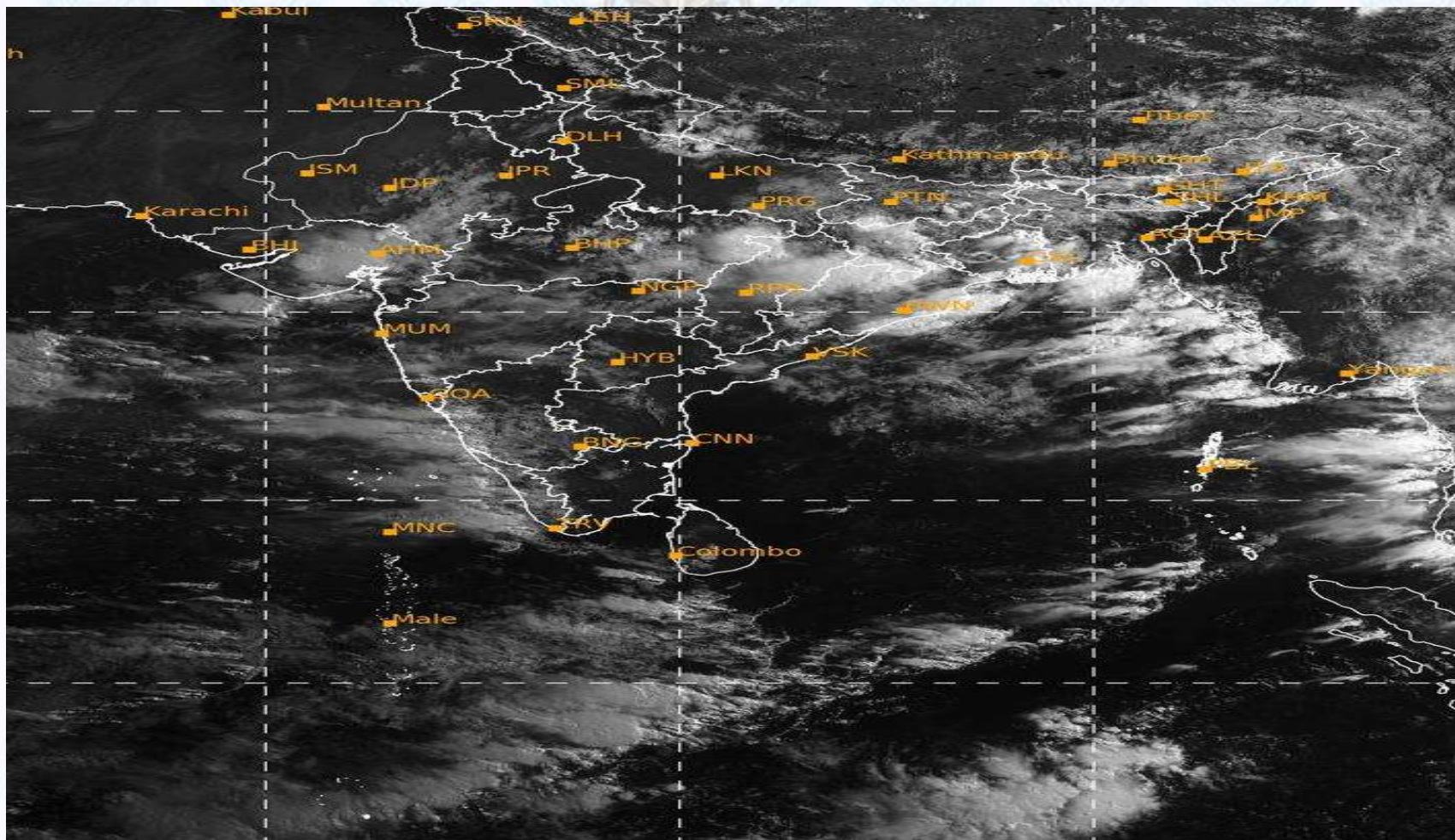
14/06/2020, 12:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



14/06/2020, 12:00 MATSAT-VIS

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



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 14.06.2020)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	SOUTH-WEST MONSOON IS MODERATE TO STRONG OVER NORTH BAY. PRESSURE GRADIENT PERSISTS OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH /SOUTH-WESTERLY, 12-18 KTS. TEMPORARY GUSTING TO 28 KTS
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =14,0000 UTC. CHATTOGRAM =1004HPA



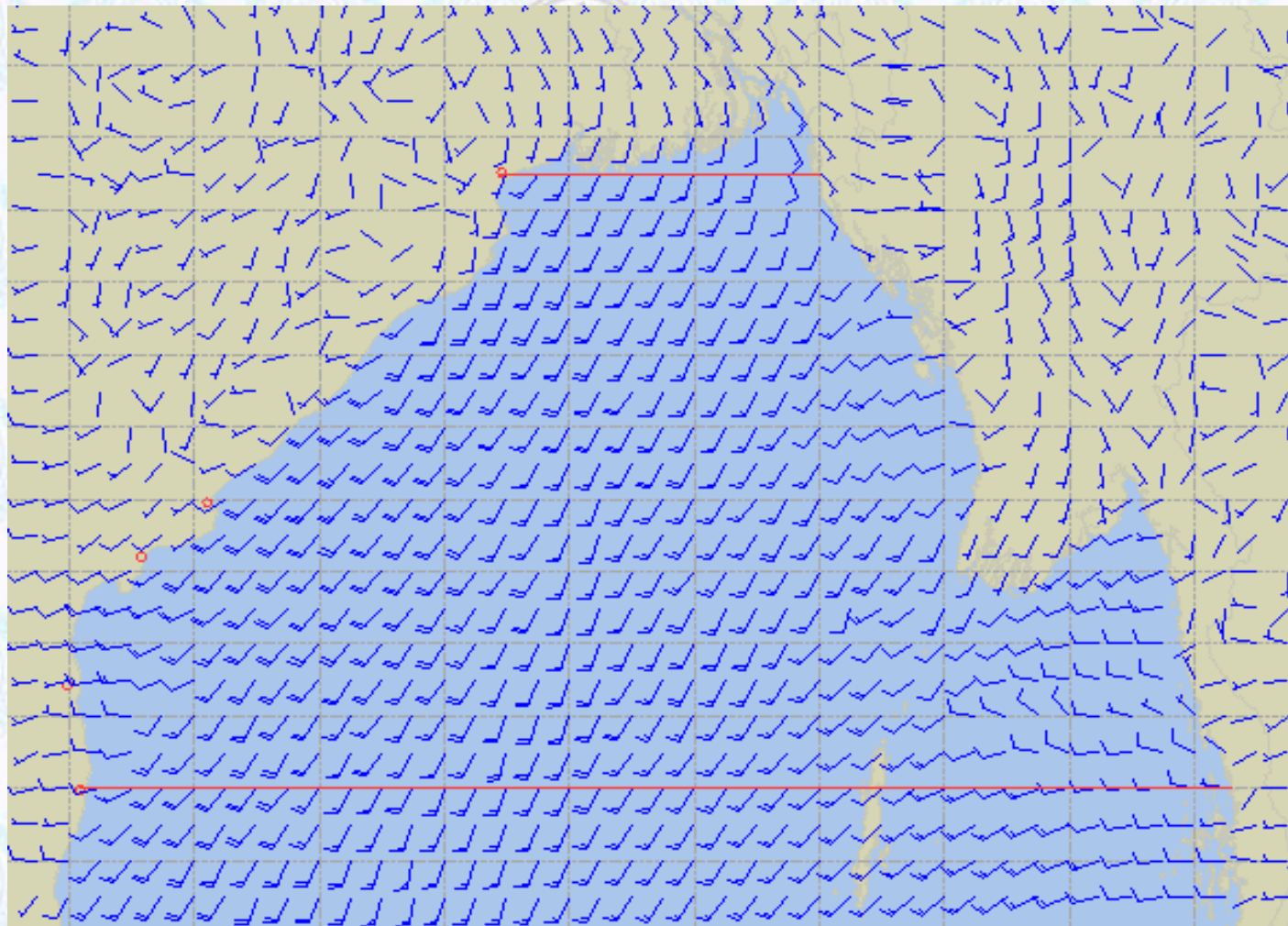
# Inland River Port Warning (VALID TILL 07 PM OF 14.06.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY **WIND SPEED 45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, RANGPUR, DINAJPUR, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 15 June- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



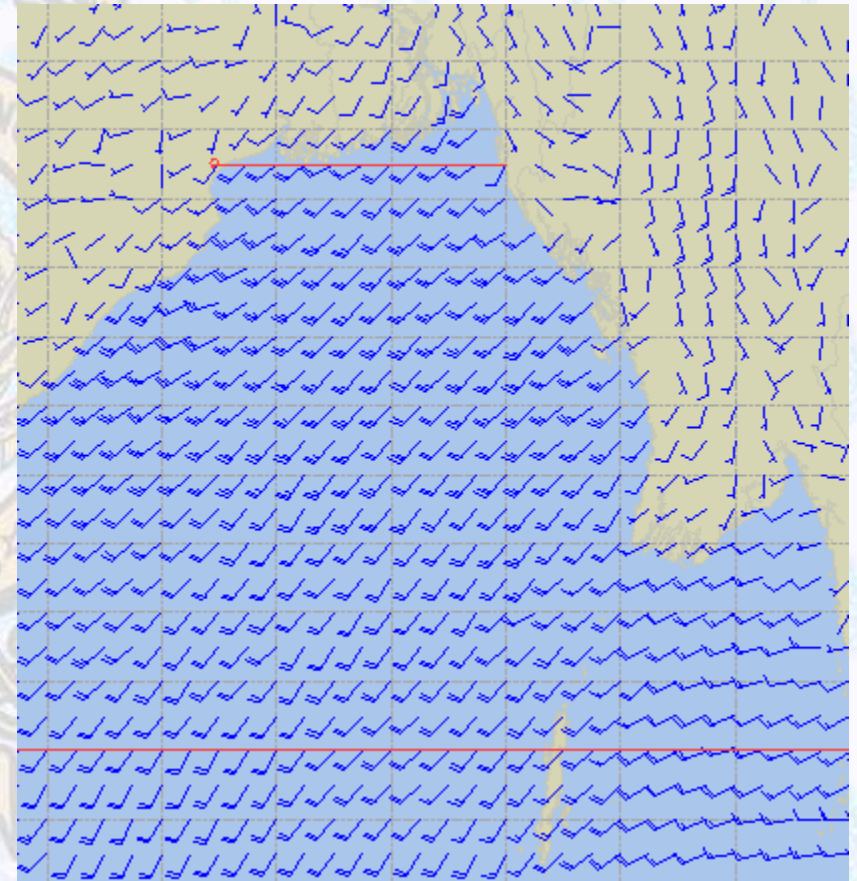
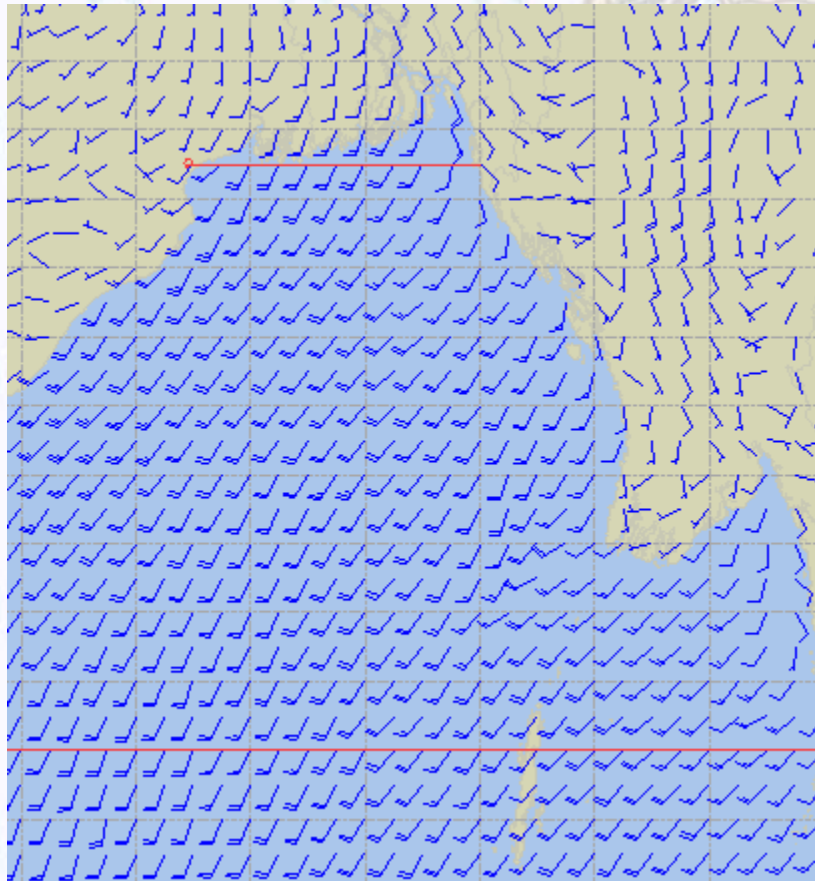
**60 Knots**



# Surface Wind Forecast – 16 & 17 June- 2020

16 June 2020 Tuesday

17 June 2020 Wednesday



**Legend:**



**Calm  
Winds**



**5 Knots**



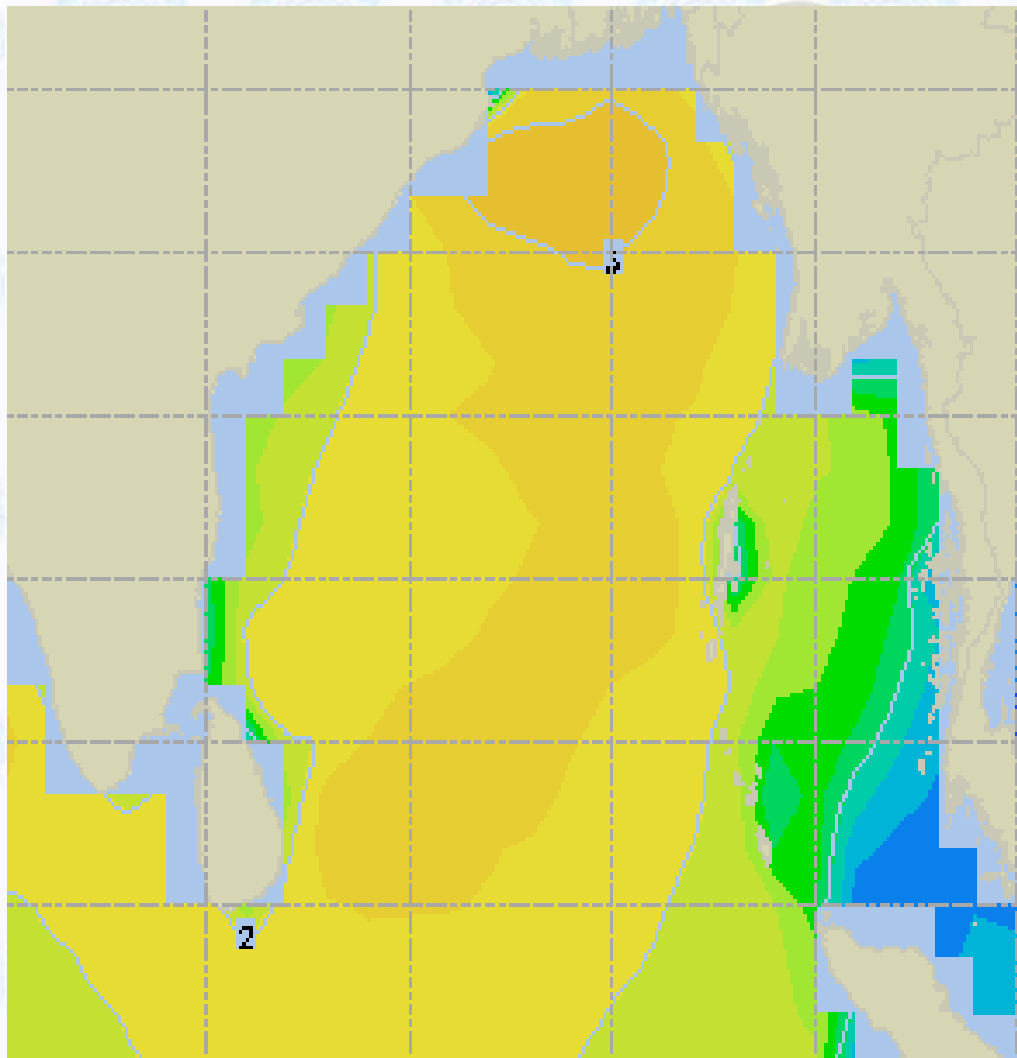
**10 Knots**



**60 Knots**



# Sea State Forecast – 15 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

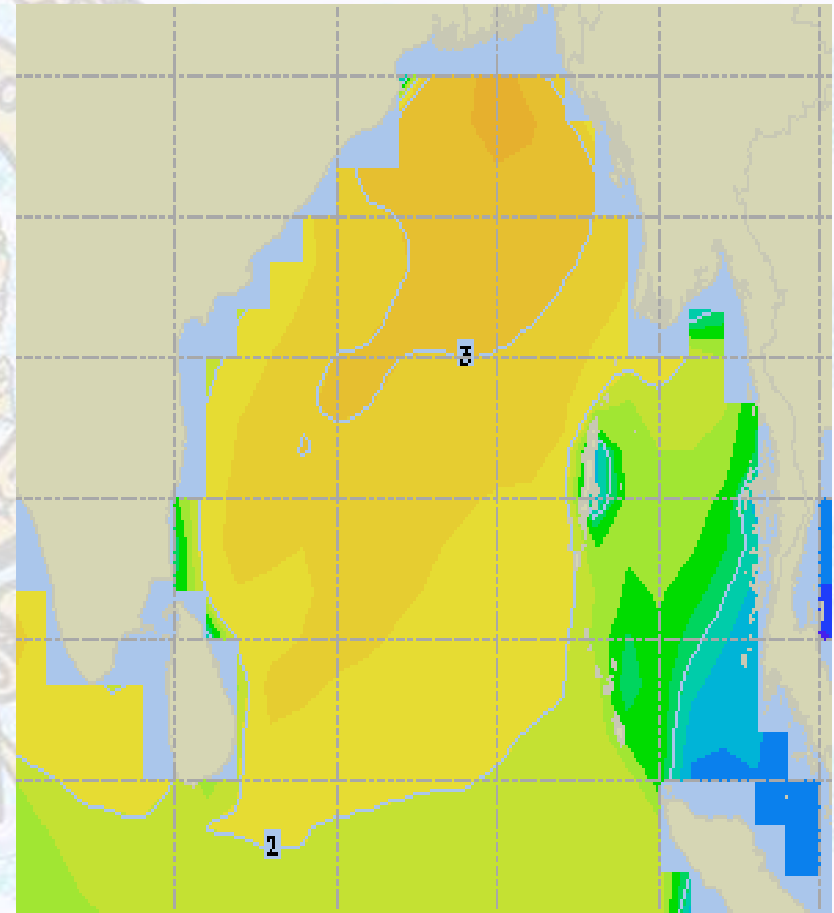
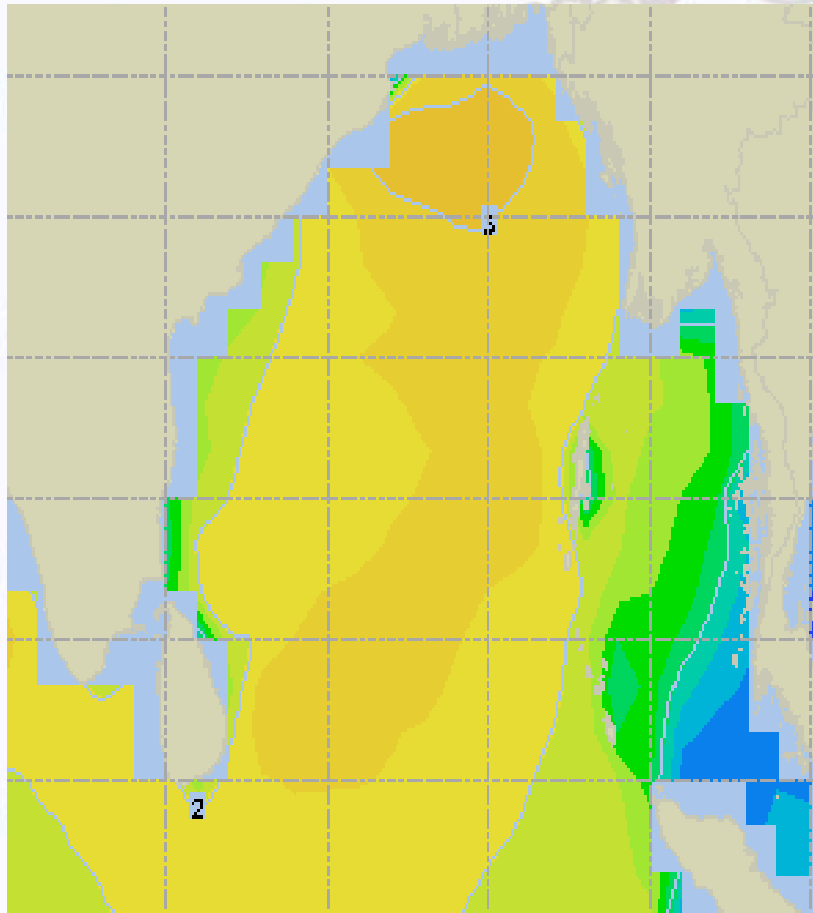




# Sea State Forecast – 16 & 17 June-2020

16 June 2020 Tuesday

17 June 2020 Wednesday

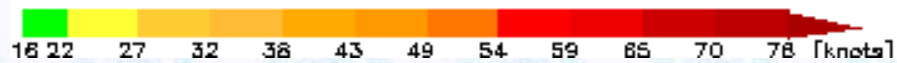
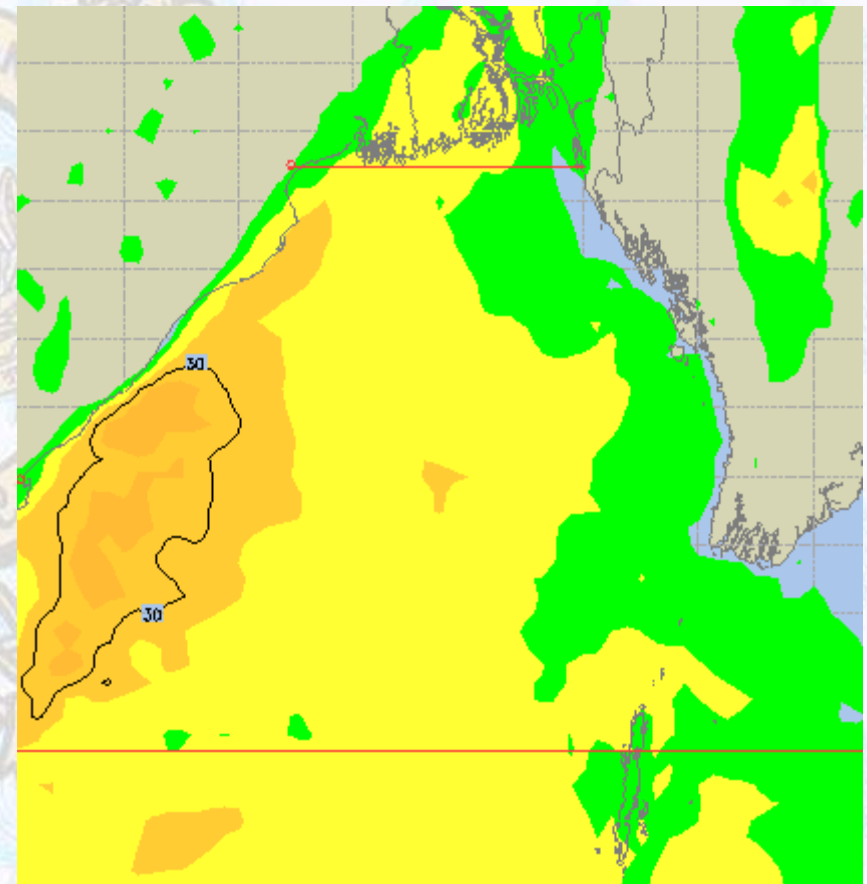
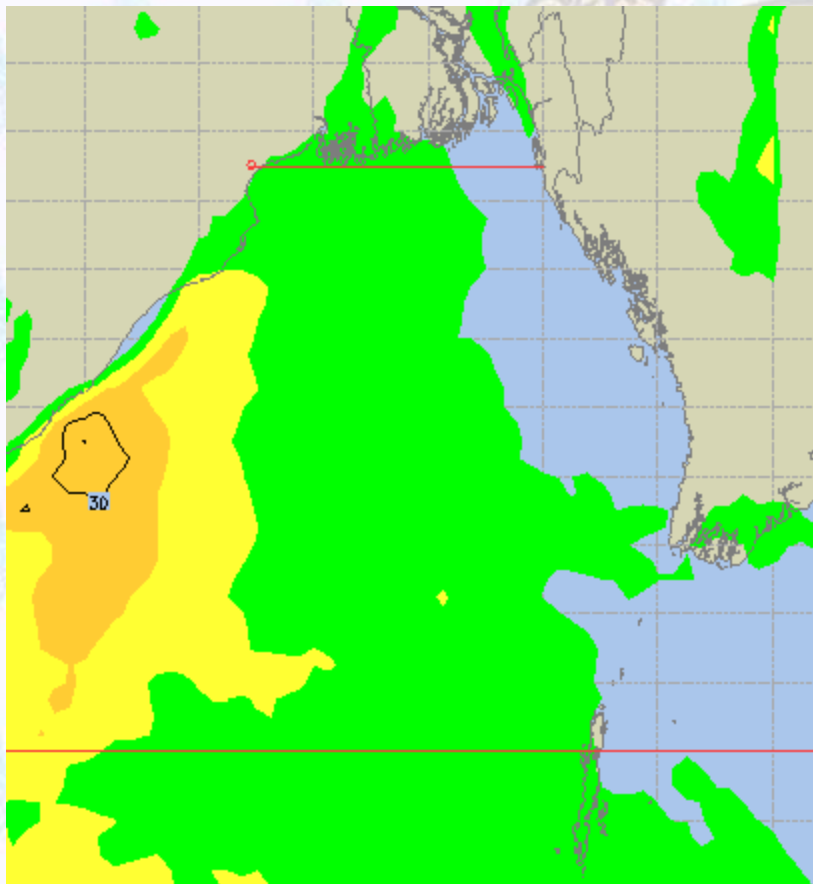




# Peak Gusting Possibilities— 15 & 16 June 2020

15 June 2020 Monday

16 June 2020 Tuesday



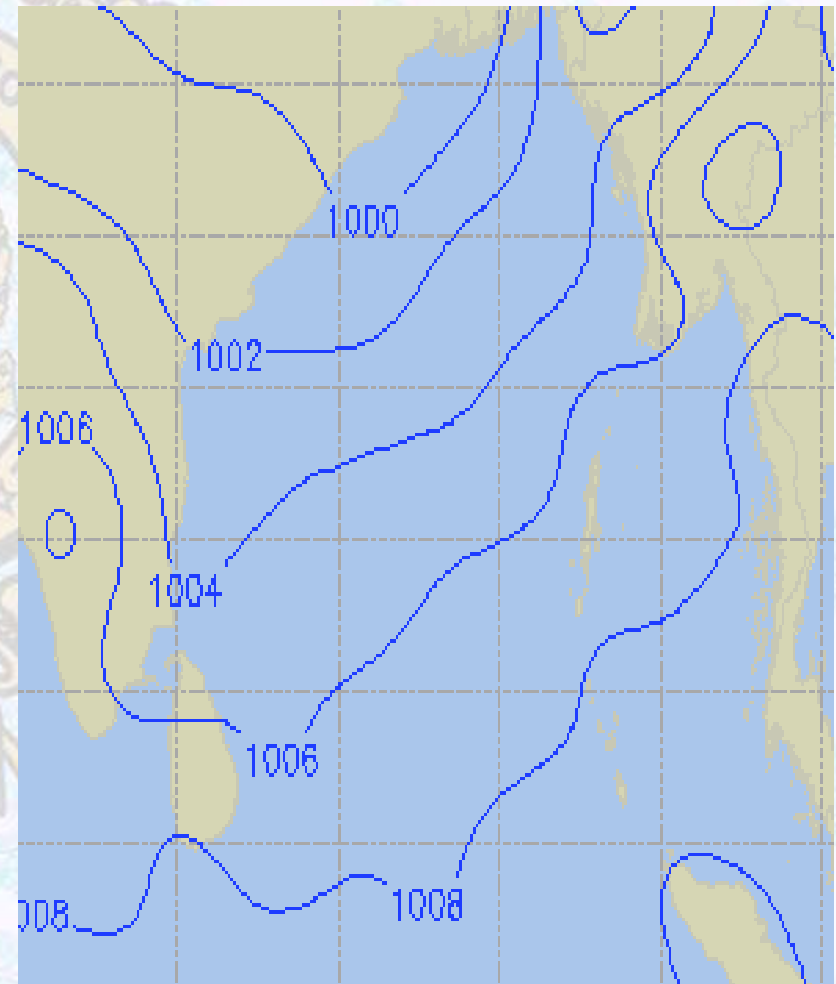
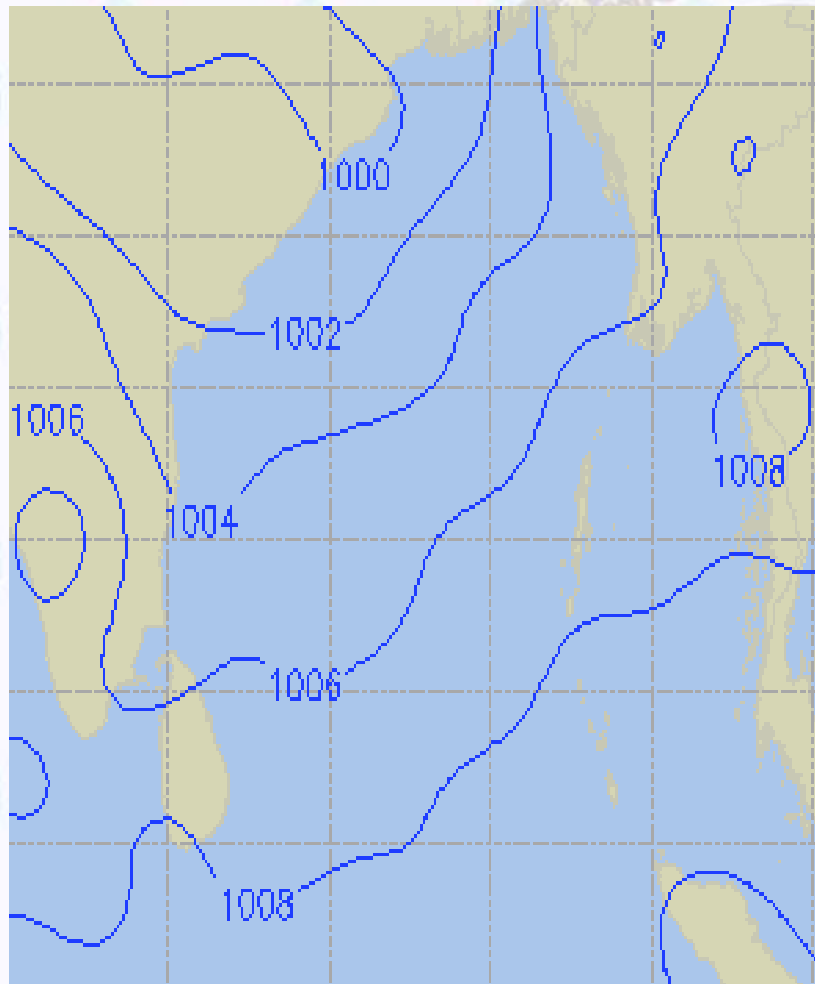




# Surface Pressure forecast– 15 & 16 June 2020

15 June 2020 Monday

16 June 2020 Tuesday

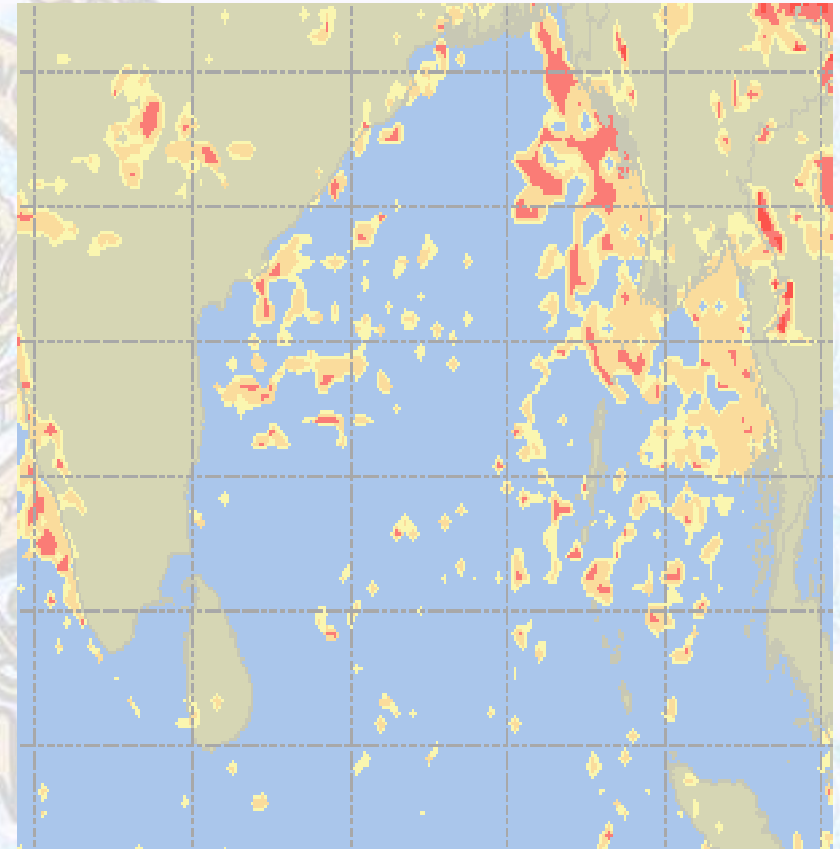
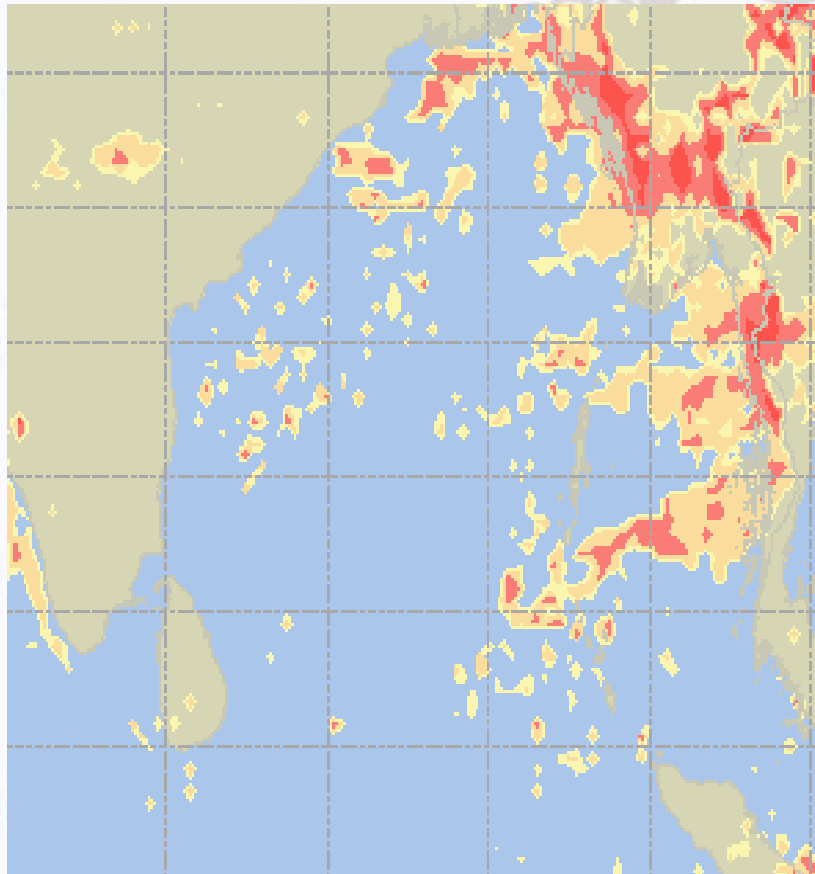




# Visibility at Sea Forecast – 15 & 16 June- 2020

15 June 2020 Monday

16 June 2020 Tuesday



**Visibility Scale:**



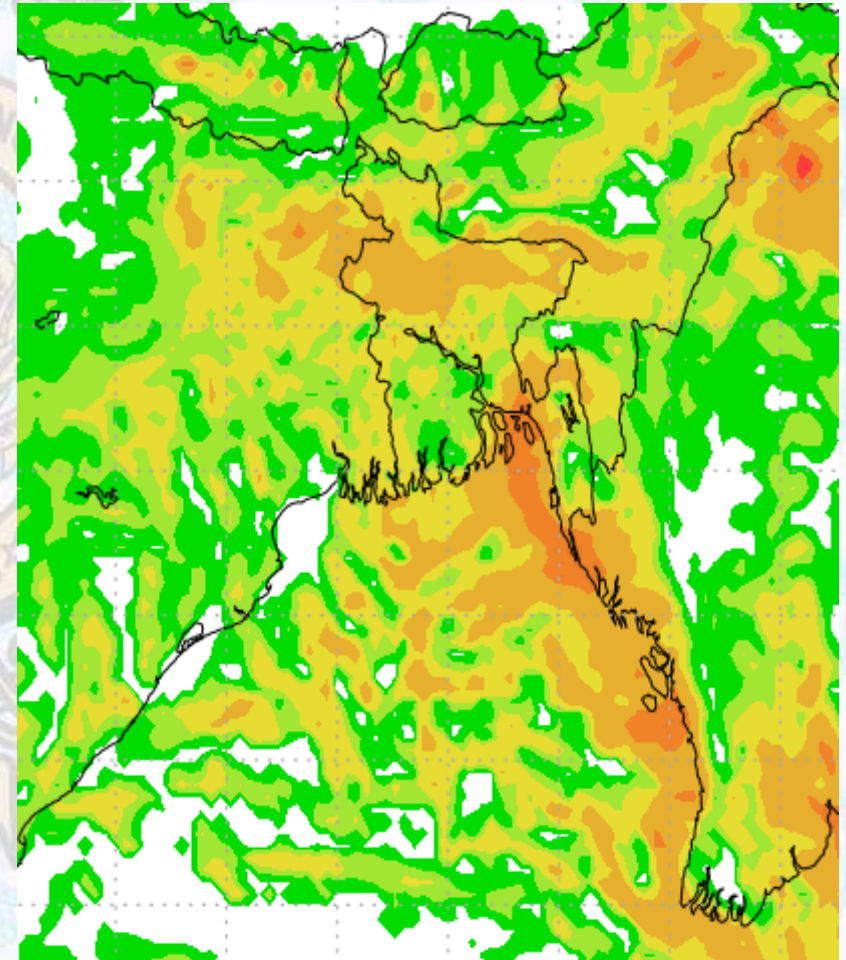
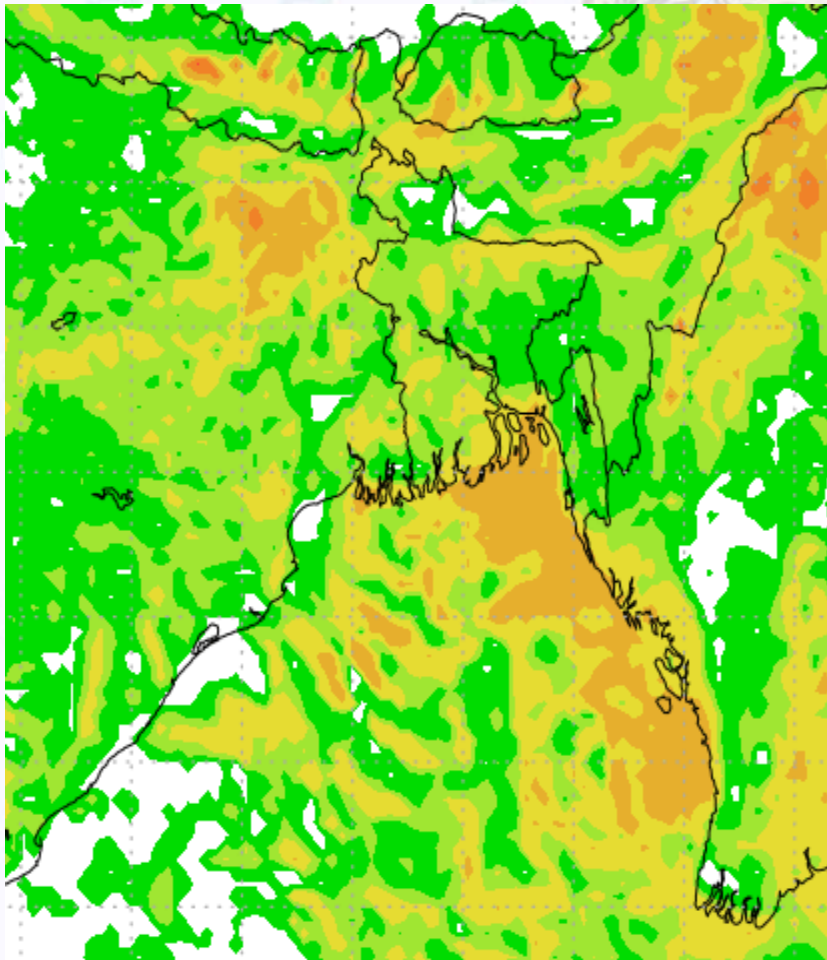
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 15 & 16 June 2020

Rain(mm) 16 & 17 June 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
	<b>14 June 2020</b>	0121		1.44			0449	2.71
	0733	4.21		1118	1.55		1040	1.66
	1350	1.74		1717	2.78		1640	2.69
	1949	4.19		-	-		2325	1.44
	Time	Height		Time	Height		Time	Height
	<b>15 June 2020</b>	0225		1.47			0001	1.57
	0842	4.28		0610	2.76		1159	1.67
	1505	1.68		1236	1.56		1751	2.64
	2057	4.17		1831	2.78		-	-
	Time	Height		Time	Height		Time	Height
	<b>16 June 2020</b>	0325		1.43			0109	1.51
	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