



WEATHER FORECAST FOR BN

13 - 16 JUNE 2020



WEATHER FORECAST – DHAKA

13.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	30 / 2	29 / 25	28 / 25
Wind	20 km/h SSE	18 km/h SSE	14 km/h SE	12 km/h SE
Humidity	76%	76%	82%	84%
Chance of Precip	41%	34%	17%	24%
Cloud Cover	84%	84%	81%	89%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 12 AM 6: 47 PM			

Conditions

Pressure : 1002 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

13.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	29 / 26	28 / 26
Wind	22 km/h S	22 km/h S	16 km/h SSE	15 km/h SE
Humidity	82%	84%	87%	90%
Chance of Precip.	18%	35%	40%	45%
Cloud Cover	83%	80%	82%	88%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 09 AM 6: 38 PM			

Conditions

Pressure : 1003 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

13.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31 / 27	29 / 27	28 / 27
Wind	21 km/h SSE	21 km/h SSE	13 km/h SE	10 km/h SE
Humidity	82%	83%	89%	92%
Chance of Precip.	54%	47%	19%	40%
Cloud Cover	89%	88%	89%	91%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 19 AM 6: 49 PM			

Conditions

Pressure : 1000 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	14 June 2020	15 June 2020	16 June 2020
Temperature (C)	32 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Thunderstorms	Thunderstorms	Thunderstorms
Sun Rise/Set	5h10m30s/18h47m06s	5h10m42s/18h47m18s	5h11m00s/18h47m36s
Day Length	13h36m36s	13h36m36s	13h36m36s
Moon Rise/ Set	12:42 PM 12:47 AM	1:14 PM 1:36 AM	1:46 PM 2:26 AM
Moon Phase/ illu	Waning Crescent .38%	Waning Crescent .28%	Waning Crescent .20%
NauticalTwilight	0415,1942	0415,1942	0415,1943
Civil Twilight	0445,1912	0445,1912	0445,1912
Humidity	D : 79% N : 86%	D : 80% N : 86%	D : 79% N : 87%
Barometer (mb)	1002	1003	1002
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	80%
Wind (mph)	19 Km/h SSE	16 Km/h SSE	14 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	14 June 2020	15 June 2020	16 June 2020
Temperature (C)	30 °C/ 26 °C	29 °C/ 26 °C	29 °C/ 25 °C
Summary	Thunderstorms	Thunderstorms	Thunderstorms
Sun Rise/Set	5h08m00s/18h38m00s	5h08m12s/18h38m12s	5h08m30s/18h38m30s
Day Length	13h30m00s	13h30m00s	13h30m00s
Moon Rise/ Set	12:36 PM 12:41 AM	1:08 PM 1:30 AM	1:41 PM 2:19 AM
Moon Phase/ illu	Waning Crescent .38%	Waning Crescent .28%	Waning Crescent .20%
NauticalTwilight	0413, 1932	0413, 1933	0413, 1933
Civil Twilight	0443, 1902	0443, 1903	0443, 1903
Humidity	D : 87% N : 92%	D : 88% N : 93%	D : 89% N : 93%
Barometer (mb)	1004	1005	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	20 Km/h S	17 Km/h S	19 Km/h S

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



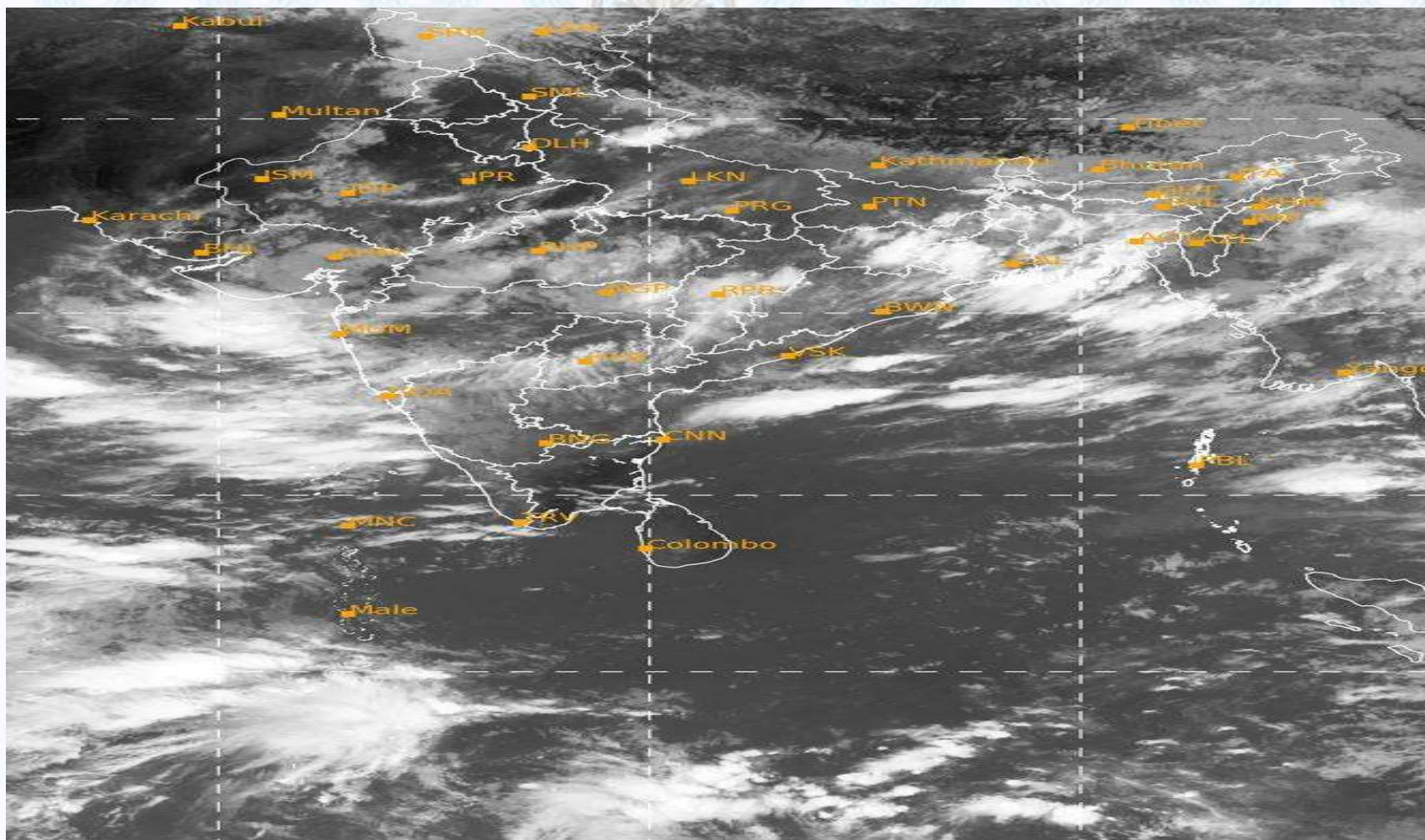
GENERAL WEATHER FORECAST – KHULNA

Description	14 June 2020	15 June 2020	16 June 2020
Temperature(C)	32°C/ 27°C	31°C/ 26°C	31°C/ 26°C
Summary	Thunderstorms	Thunderstorms	Thunderstorms
Sun Rise/Set	5h16m06s/18h48m18s	5h16m18s/18h48m30s	5h16m36s/18h48m48s
Day Length	13h32m12s	13h32m12s	13h32m12s
Moon Rise/Set	12:46 PM 12:51 AM	1:18 PM 1:40 AM	1:51 PM 2:29 AM
Moon Phase/illu	Waning Crescent .38%	Waning Crescent .28%	Waning Crescent .20%
Nautical Twilight	0421, 1943	0421, 1943	0421, 1942
Civil Twilight	0451, 1913	0451, 1913	0451, 1912
Humidity	D : 80% N : 88%	D : 83% N : 90%	D : 83% N : 91%
Barometer (mb)	1001	1002	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	90%
Wind (mph)	19 km/h SSE	15 km/h SSE	14 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

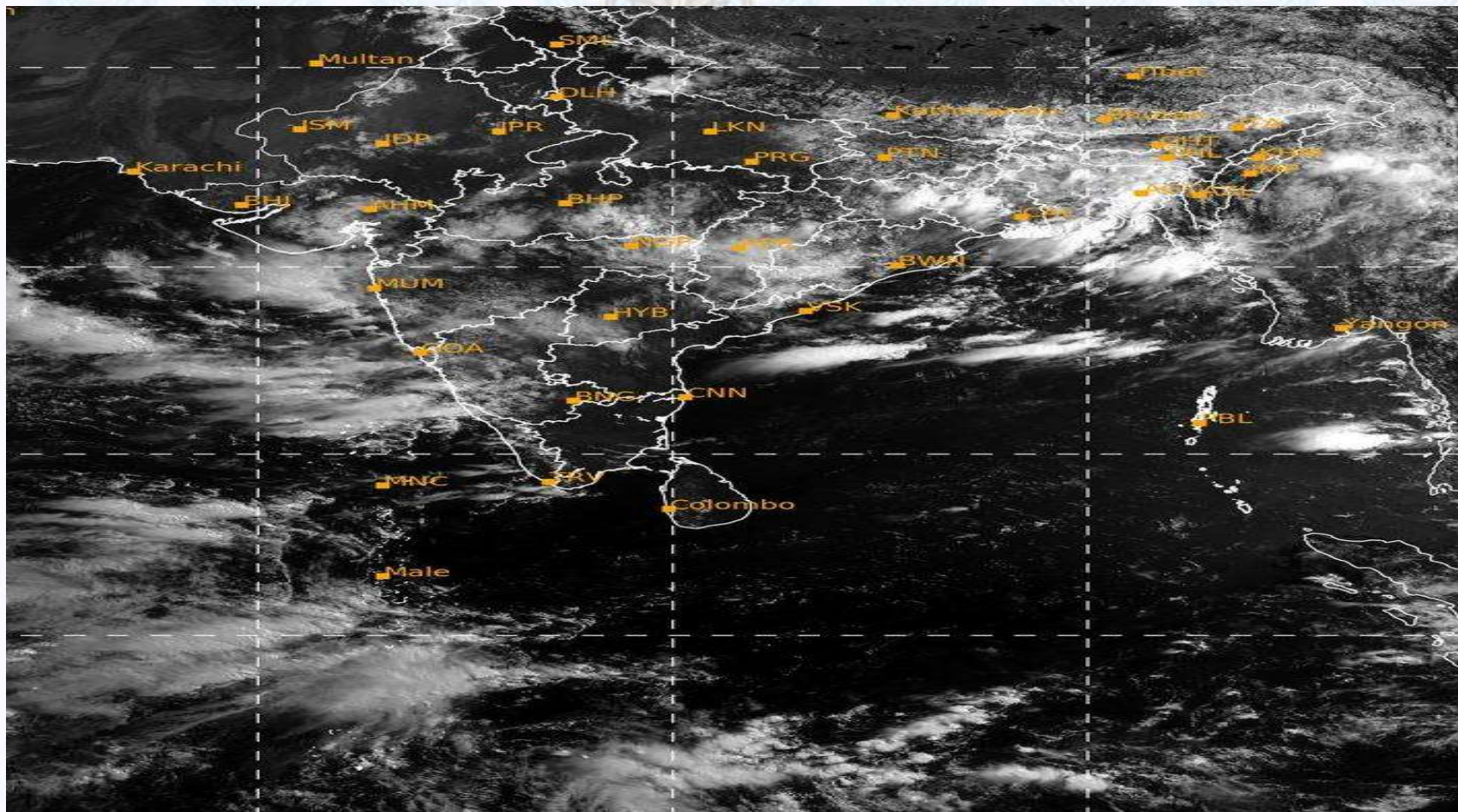


13/06/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



13/06/2020, 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 13.06.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	MONSOON IS MODERATE TO STRONG OVER NORTH BAY. DEEP CONVECTION IS TAKING PLACE AND STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY 12-18 KTS.TEMPORARY GUSTING TO 28
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =13,0000 UTC. CHATTOGRAM =1003 HPA



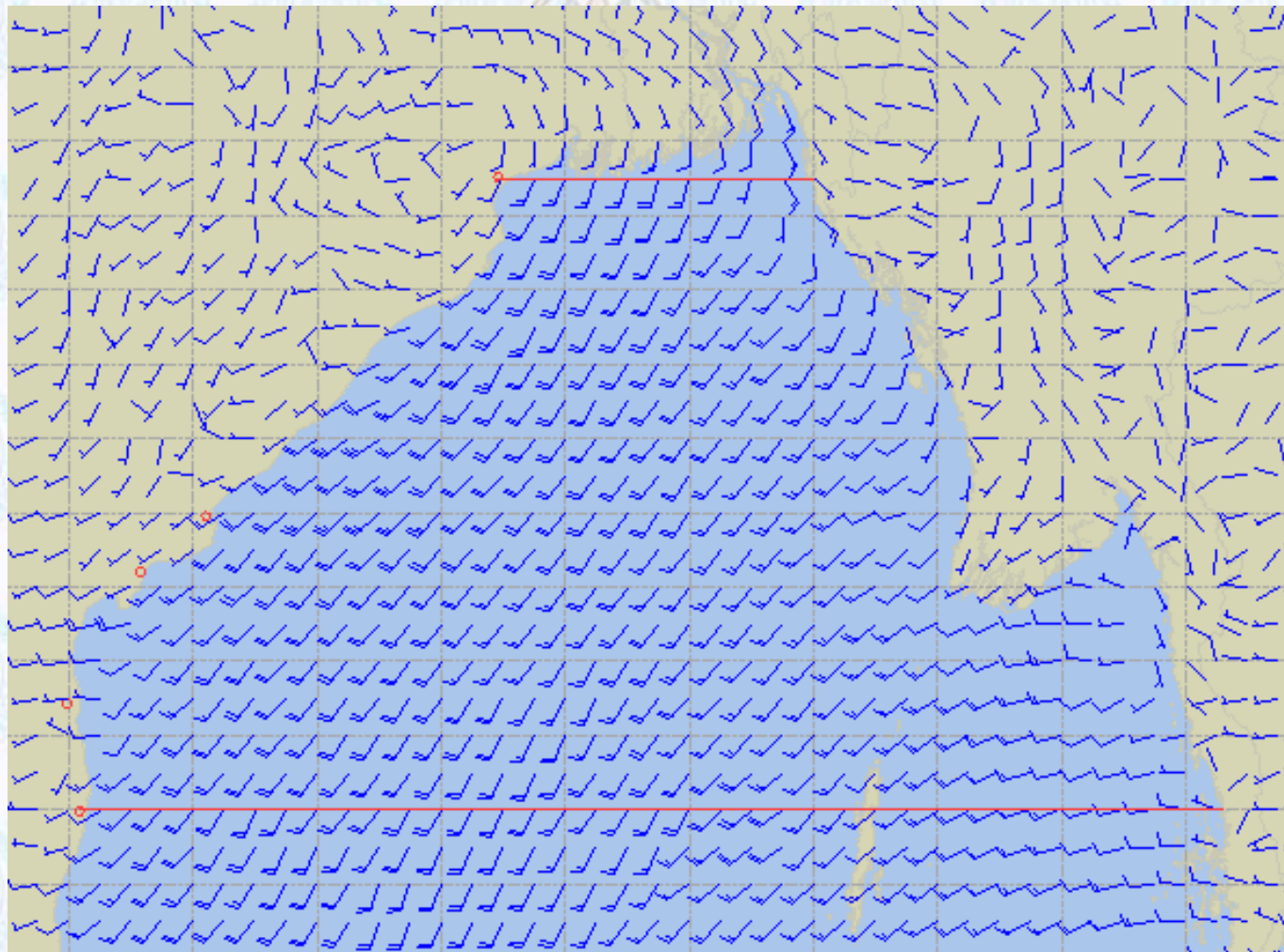
Inland River Port Warning (VALID TILL 07 PM OF 13.06.2020)

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY, GUSTY/SQUALLY **WIND SPEED 45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, DINAJPUR, PABNA, BOGURA, TANGAIL, MYMENSING, SYLHET, JASHORE, KUSHTIA, FARIDPUR, MADARIPUR, DHAKA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, 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- 14 June- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



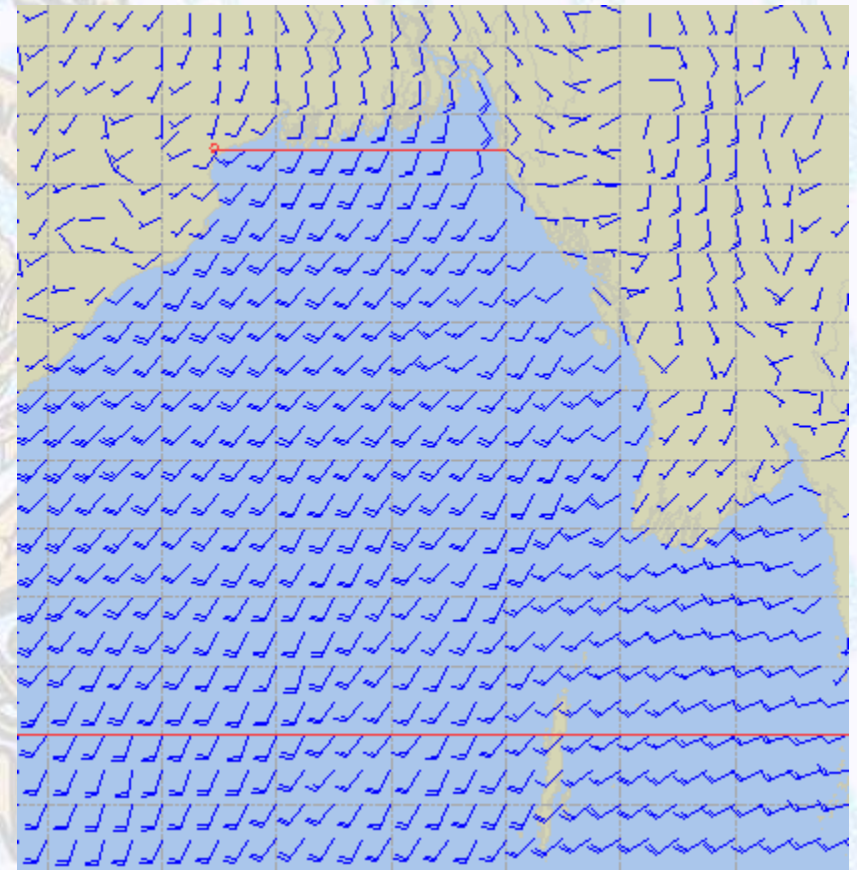
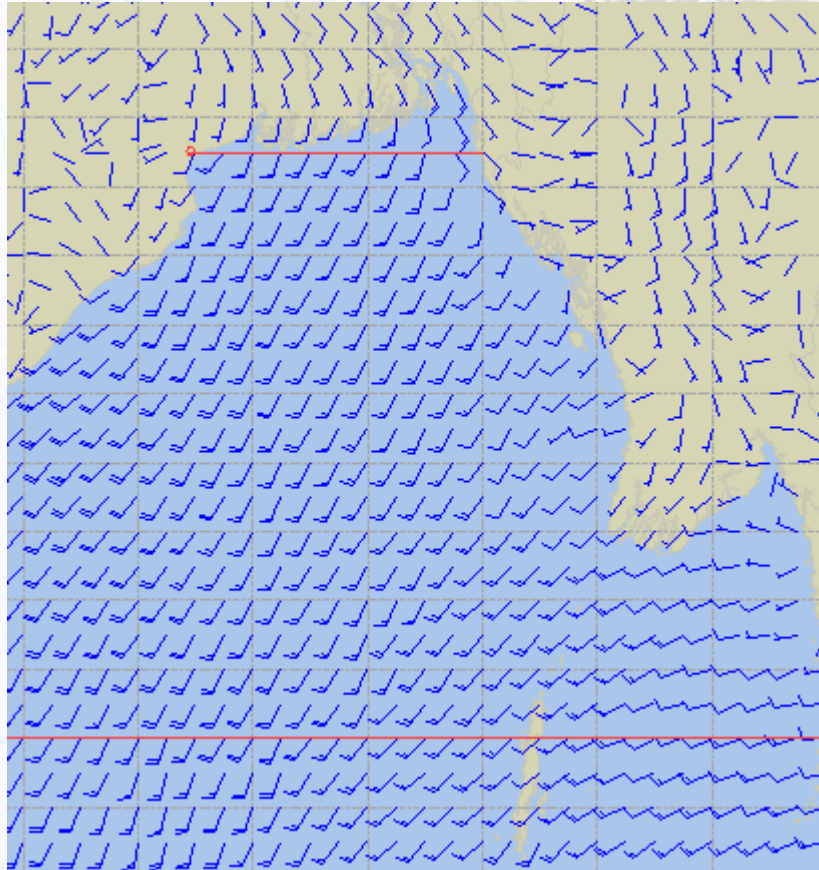
60 Knots



Surface Wind Forecast – 15 & 16 June- 2020

15 June 2020 Monday

16 June 2020 Tuesday



Legend:



**Calm
Winds**



5 Knots



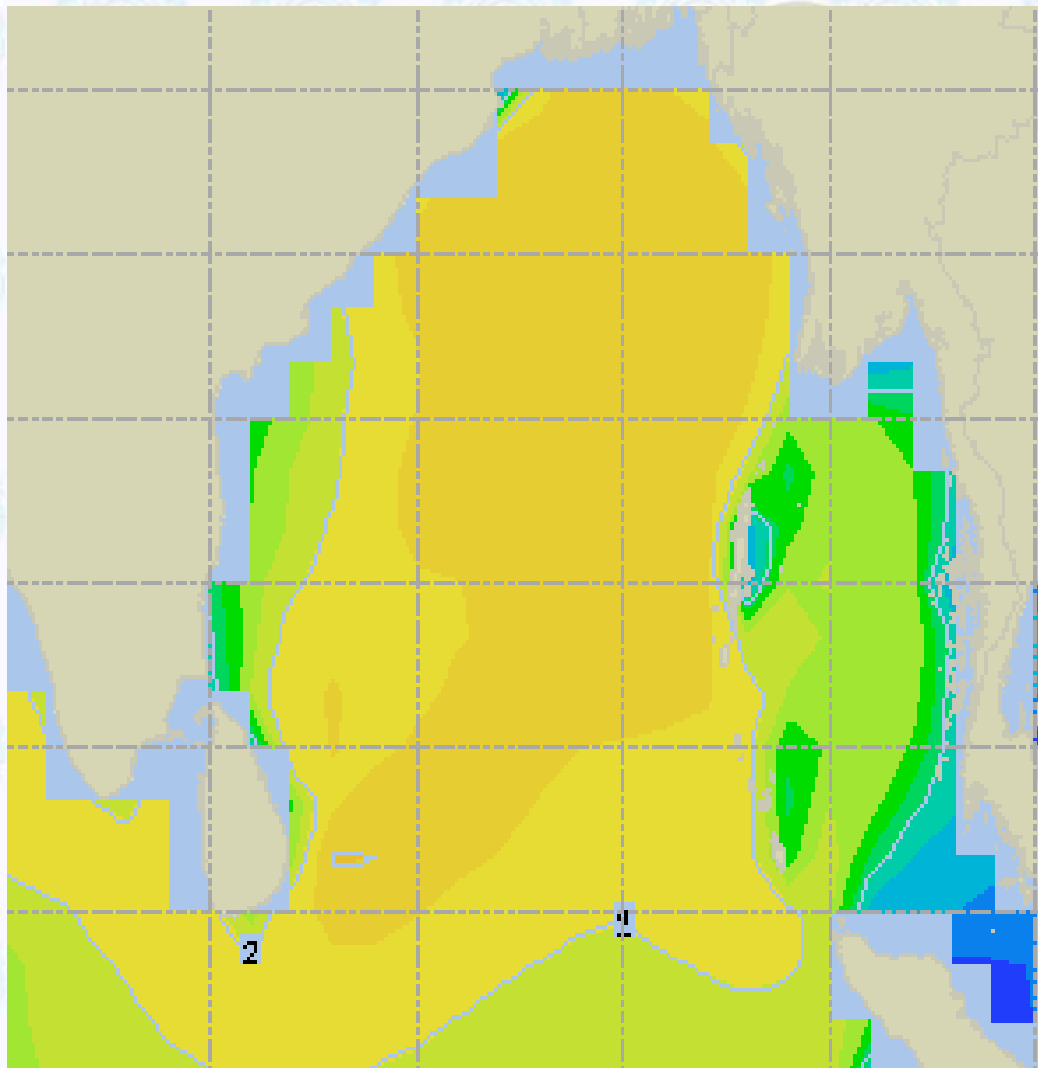
10 Knots



60 Knots



Sea State Forecast – 14 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

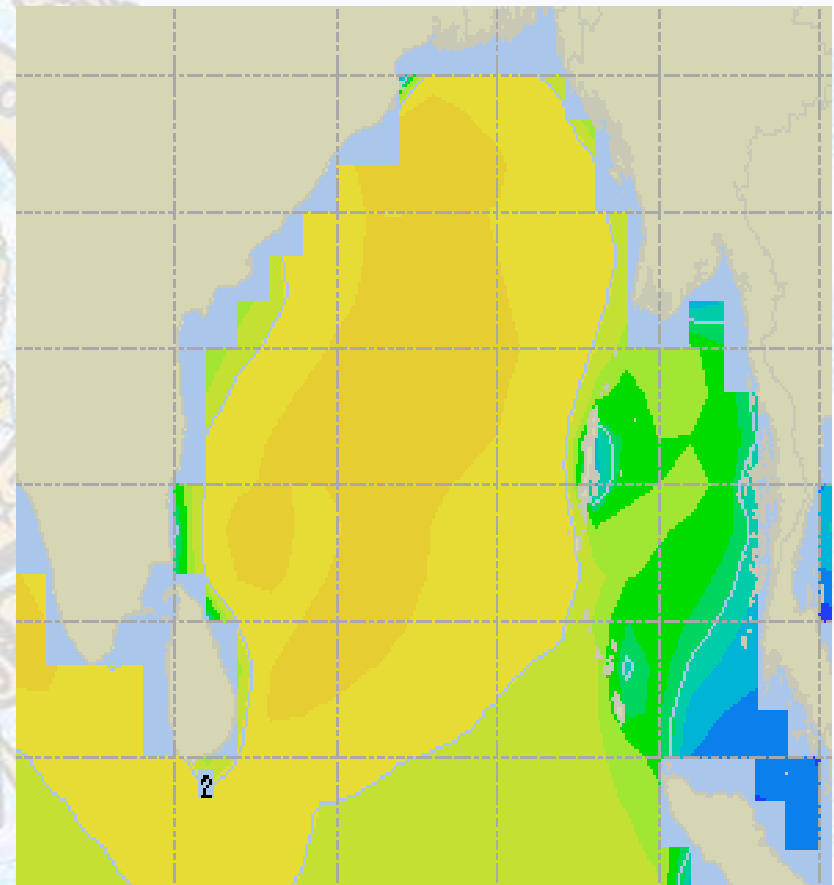
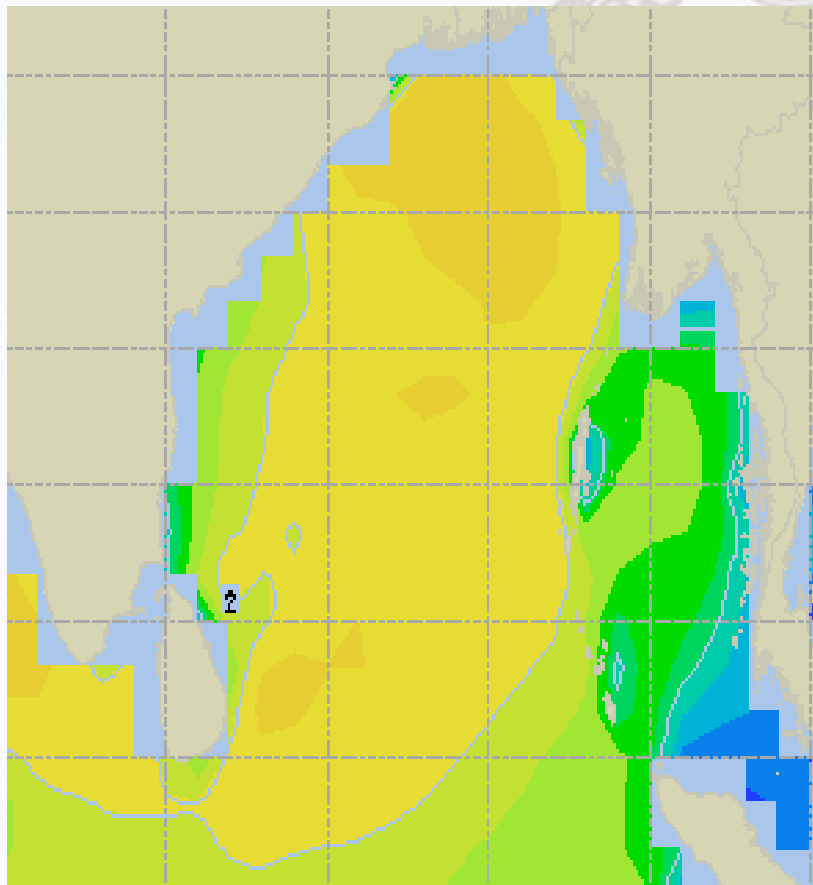




Sea State Forecast – 15 & 16 June-2020

15 June 2020 Monday

16 June 2020 Tuesday

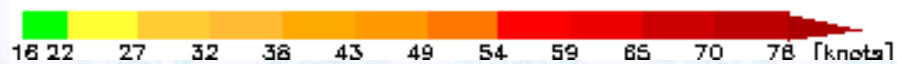
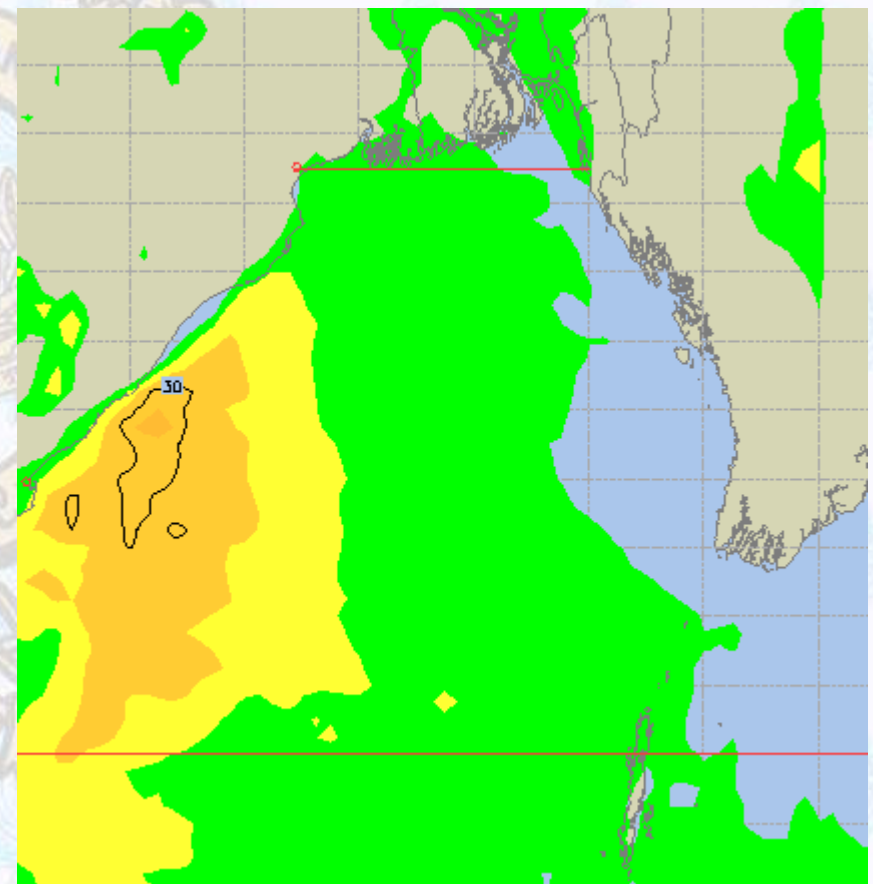
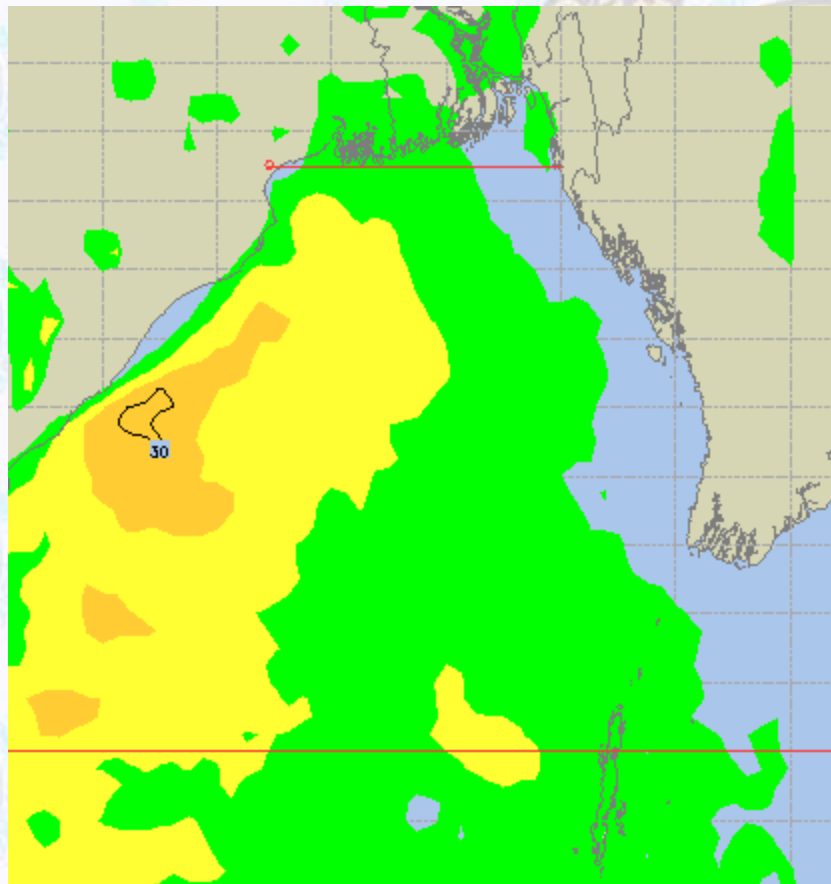




Peak Gusting Possibilities— 14 & 15 June 2020

14 June 2020 Sunday

15 June 2020 Monday

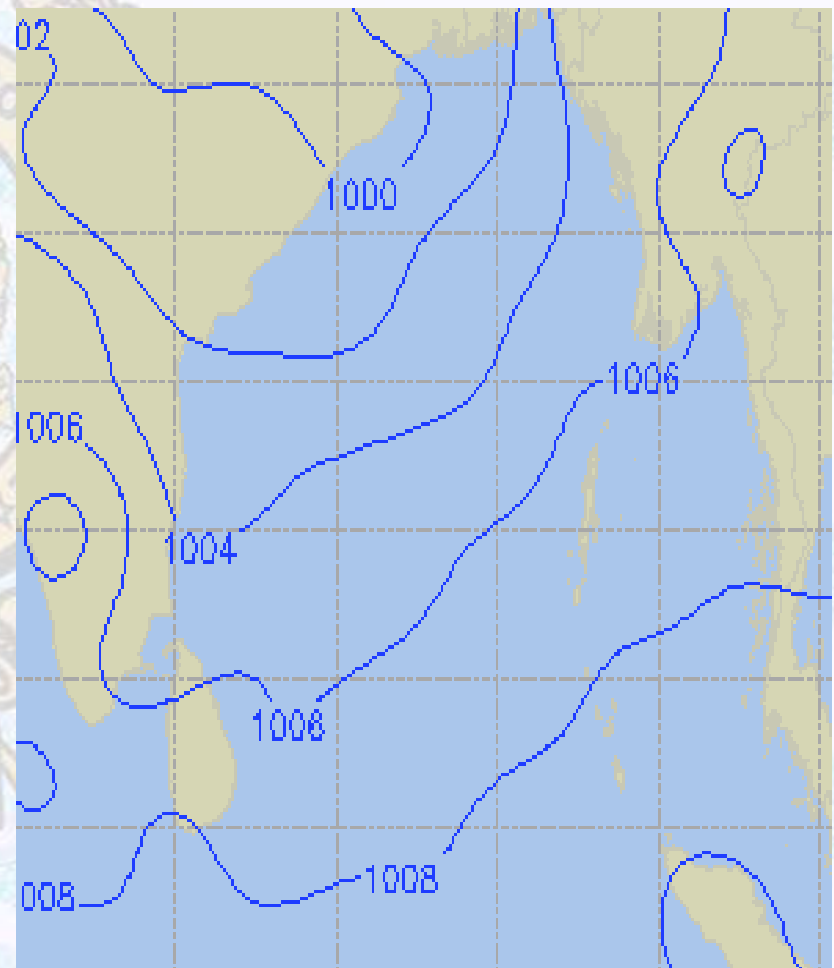
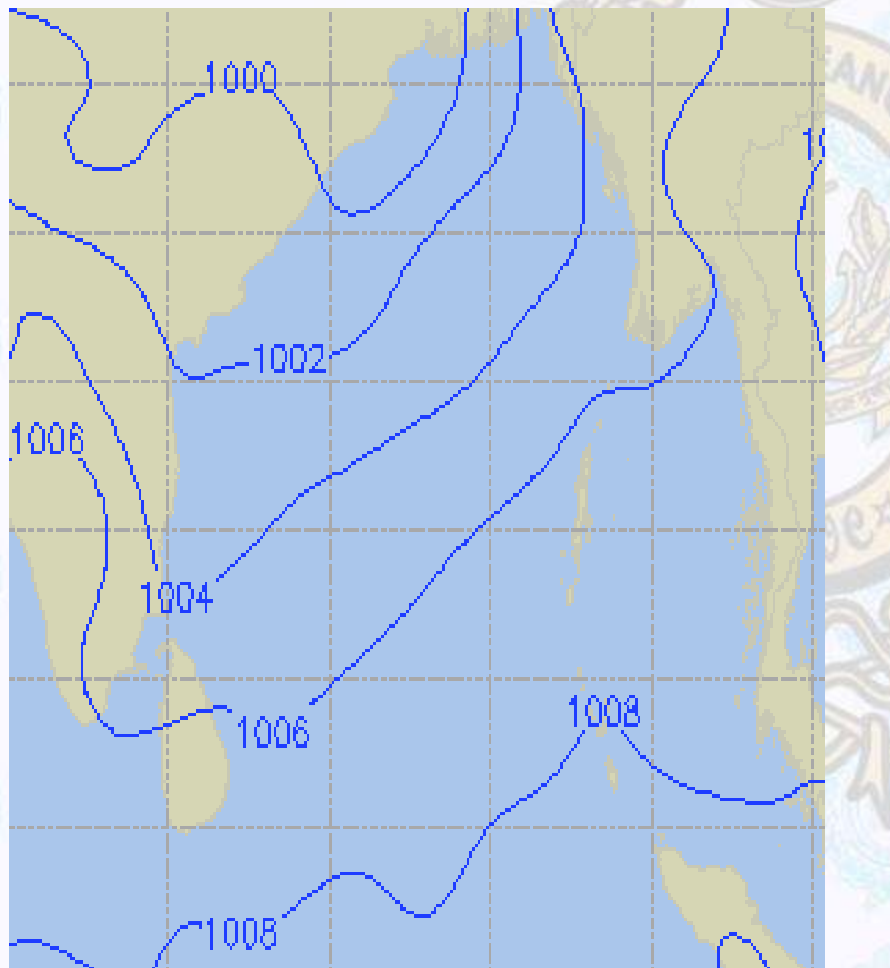




Surface Pressure forecast– 14 & 15 June 2020

14 June 2020 Sunday

15 June 2020 Monday

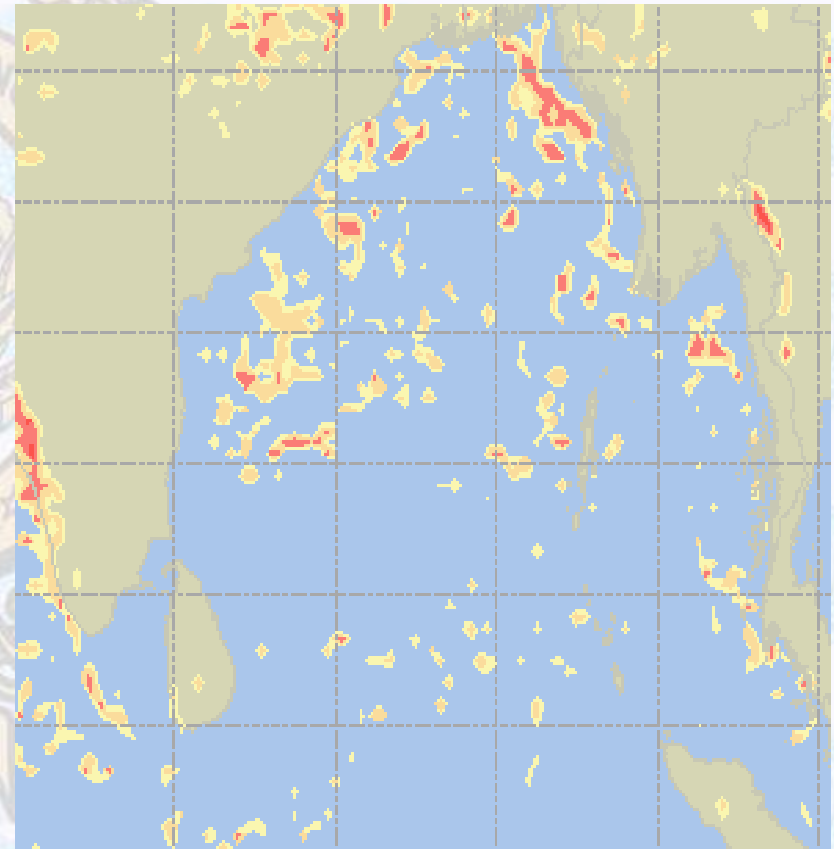
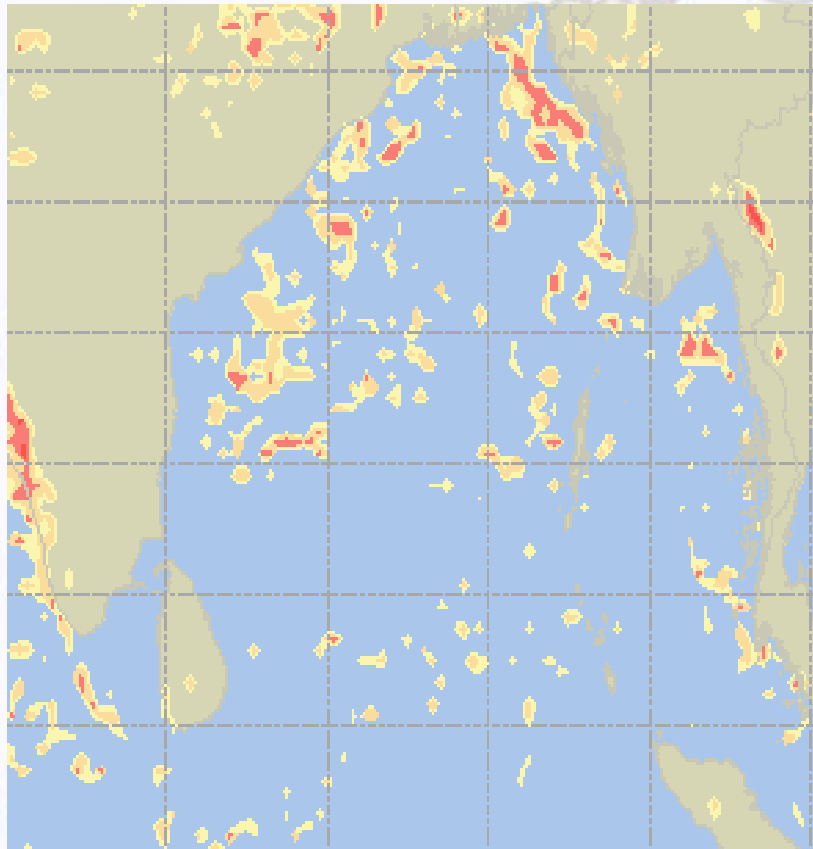




Visibility at Sea Forecast – 14 & 15 June- 2020

14 June 2020 Sunday

15 June 2020 Monday



Visibility Scale:

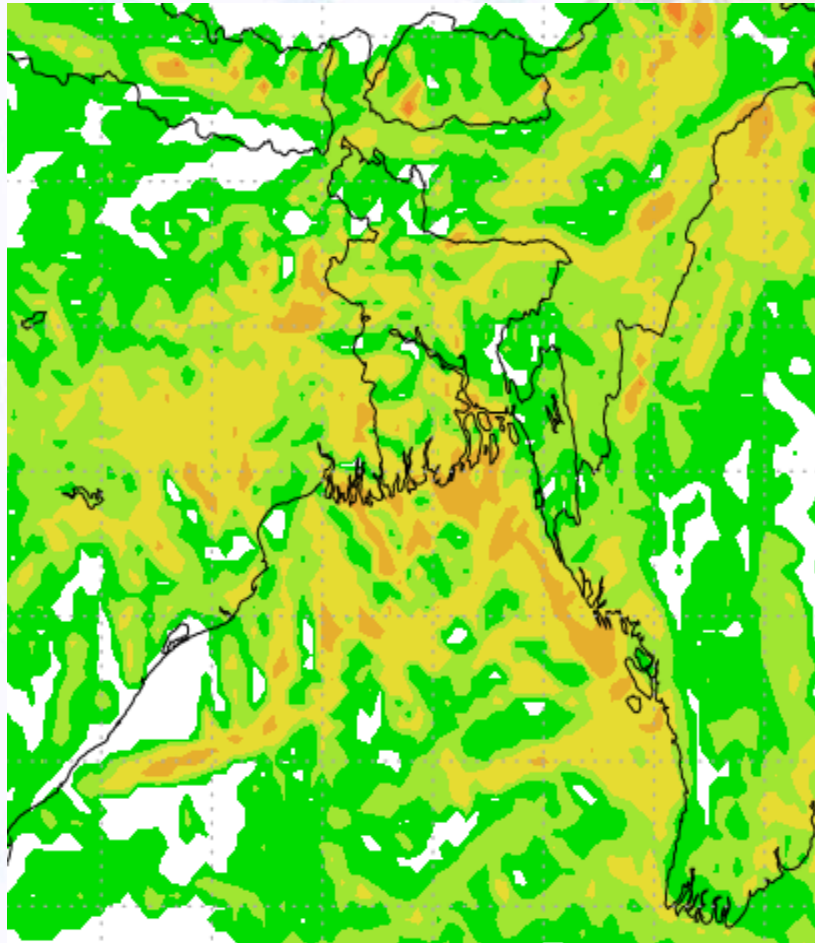


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

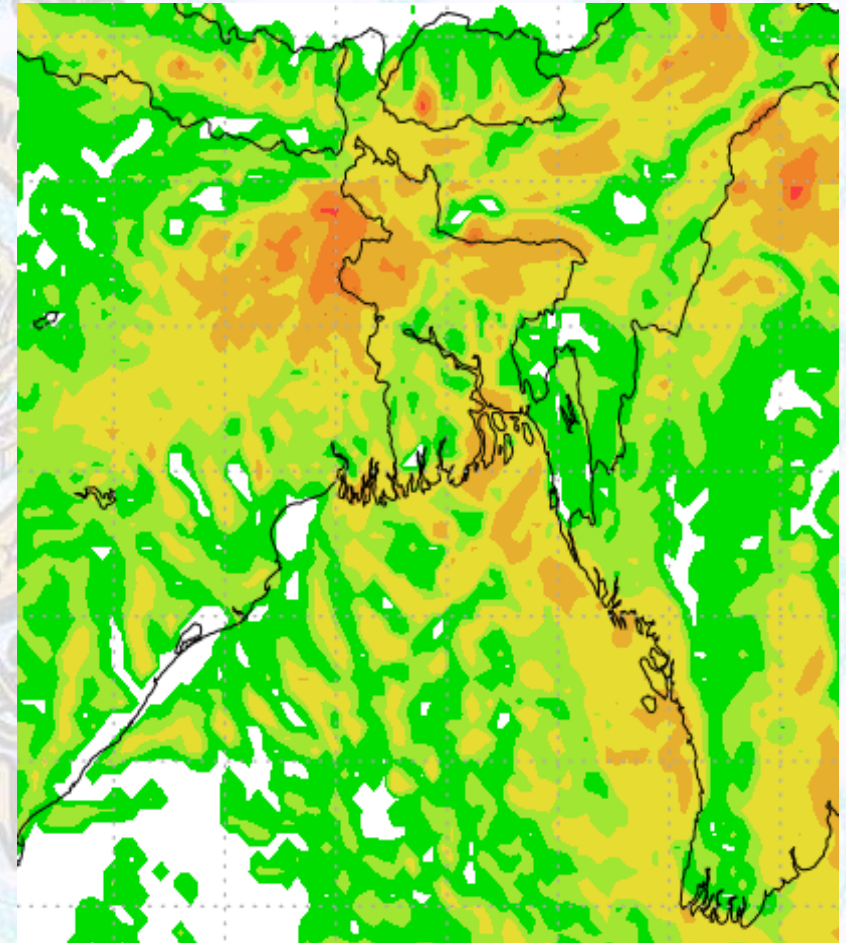


Precipitation

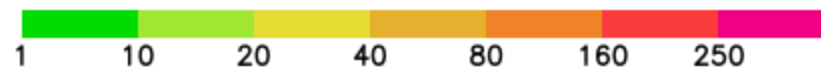
Rain(mm) 14 & 15 June 2020



Rain(mm) 15 & 16 June 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
13 June 2020	0021	1.33		0340	2.77		0329	2.64
	0625	4.26		1007	1.47		0931	1.58
	1237	1.66		1607	2.89		1539	2.80
	1842	4.33		2243	1.55		2223	1.43
14 June 2020	Time	Height		Time	Height		Time	Height
	0121	1.44		0449	2.71		0435	2.62
	0733	4.21		1118	1.55		1040	1.66
	1350	1.74		1717	2.78		1640	2.69
	1949	4.19		-	-		2325	1.44
15 June 2020	Time	Height		Time	Height		Time	Height
	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		-	-