



WEATHER FORECAST FOR BN

12 - 15 JUNE 2020



WEATHER FORECAST – DHAKA

12.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	29 / 25	28 / 25	28 / 25
Wind	22 km/h SSE	20 km/h SSE	16 km/h SE	15 km/h SE
Humidity	79%	79%	82%	84%
Chance of Precip	48%	50%	24%	32%
Cloud Cover	91%	91%	90%	92%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 12 AM 6: 47 PM			

Conditions

Pressure : 1001 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

12.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	29 / 26	28 / 26	28 / 26
Wind	25 km/h SSE	23 km/h SSE	20 km/h SSE	19 km/h SE
Humidity	83%	85%	87%	89%
Chance of Precip.	18%	30%	56%	49%
Cloud Cover	85%	85%	84%	85%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 09 AM 6: 38 PM			

Conditions

Pressure : 1002 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

12.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30 / 27	29 / 27	28 / 26
Wind	19 km/h SSE	20 km/h SSE	14 km/h SE	11 km/h SE
Humidity	86%	84%	89%	91%
Chance of Precip.	47%	24%	23%	40%
Cloud Cover	90%	89%	82%	84%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 19 AM 6: 48 PM			

Conditions

Pressure : 1000 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	13 June 2020	14 June 2020	15 June 2020
Temperature (C)	30 °C/ 26 °C	32 °C/ 26 °C	31 °C/ 26 °C
Summary	Thunderstorms	Thunderstorms	Thunderstorms
Sun Rise/Set	5h10m12s/18h46m48s	5h10m30s/18h47m06s	5h10m42s/18h47m18s
Day Length	13h36m36s	13h36m36s	13h36m36s
Moon Rise/ Set	12:09 PM 11:57 AM	12:42 PM 12:47 AM	1:14 PM 1:36 AM
Moon Phase/ illu	Last Quarter.47%	Waning Crescent .38%	Waning Crescent .28%
NauticalTwilight	0415,1942	0415,1942	0415,1942
Civil Twilight	0445,1911	0445,1912	0445,1912
Humidity	D : 81% N : 86%	D : 79% N : 86%	D : 79% N : 86%
Barometer (mb)	1001	1003	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	80%	80%
Wind (mph)	22 Km/h SSE	20 Km/h SSE	16 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	13 June 2020	14 June 2020	15 June 2020
Temperature (C)	30 °C/ 26 °C	30 °C/ 26 °C	30 °C/ 26 °C
Summary	Thunderstorms	Thunderstorms	Thunderstorms
Sun Rise/Set	5h07m42s/18h37m42s	5h08m00s/18h38m00s	5h08m12s/18h38m12s
Day Length	13h30m00s	13h30m00s	13h30m00s
Moon Rise/ Set	12:02 PM 11:52 AM	12:36 PM 12:41 AM	1:08 PM 1:30 AM
Moon Phase/ illu	Last Quarter.47%	Waning Crescent .38%	Waning Crescent .28%
NauticalTwilight	0413, 1932	0413, 1932	0413, 1933
Civil Twilight	0443, 1902	0443, 1902	0443, 1903
Humidity	D : 84% N : 90%	D : 85% N : 92%	D : 87% N : 93%
Barometer (mb)	1003	1004	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	60%	80%
Wind (mph)	22 Km/h SSE	17 Km/h S	16 Km/h S

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



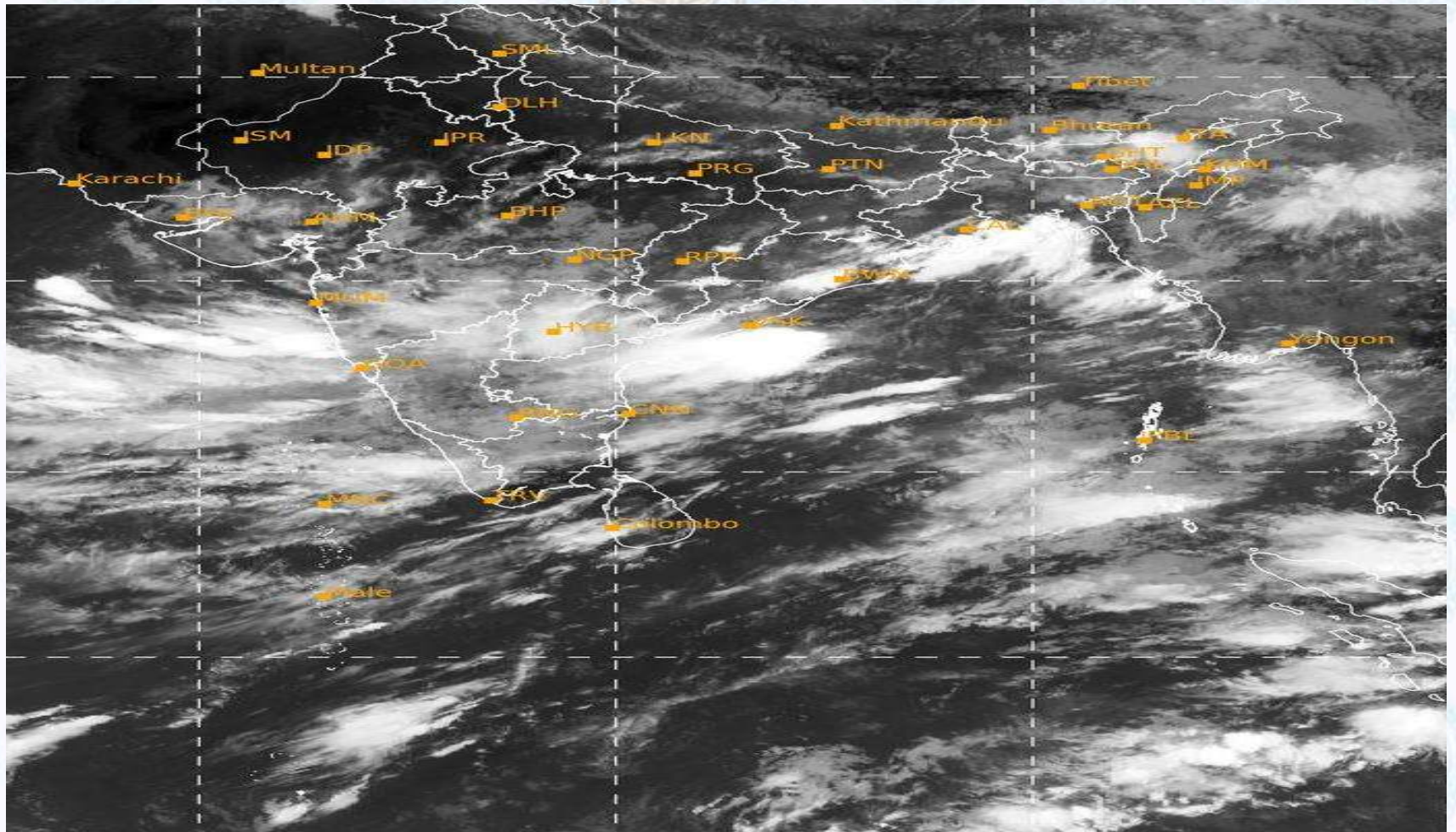
GENERAL WEATHER FORECAST – KHULNA

Description	13 June 2020	14 June 2020	15 June 2020
Temperature(C)	31°C/ 26°C	32°C/ 26°C	32°C/ 26°C
Summary	Thunderstorms	Thunderstorms	Thunderstorms
Sun Rise/Set	5h15m48s/18h48m00s	5h16m06s/18h48m18s	5h16m18s/18h48m30s
Day Length	13h32m12s	13h32m12s	13h32m12s
Moon Rise/Set	12:12 PM 11:02 AM	12:46 PM 12:51 AM	1:18 PM 1:40 AM
Moon Phase/illu	Last Quarter.47%	Waning Crescent .38%	Waning Crescent .28%
Nautical Twilight	0421, 1942	0421, 1943	0421, 1943
Civil Twilight	0451, 1912	0451, 1913	0451, 1913
Humidity	D : 82% N : 88%	D : 79% N : 89%	D : 79% N : 88%
Barometer (mb)	1000	1002	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	80%	80%
Wind (mph)	19 km/h SSE	19 km/h SSE	16 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

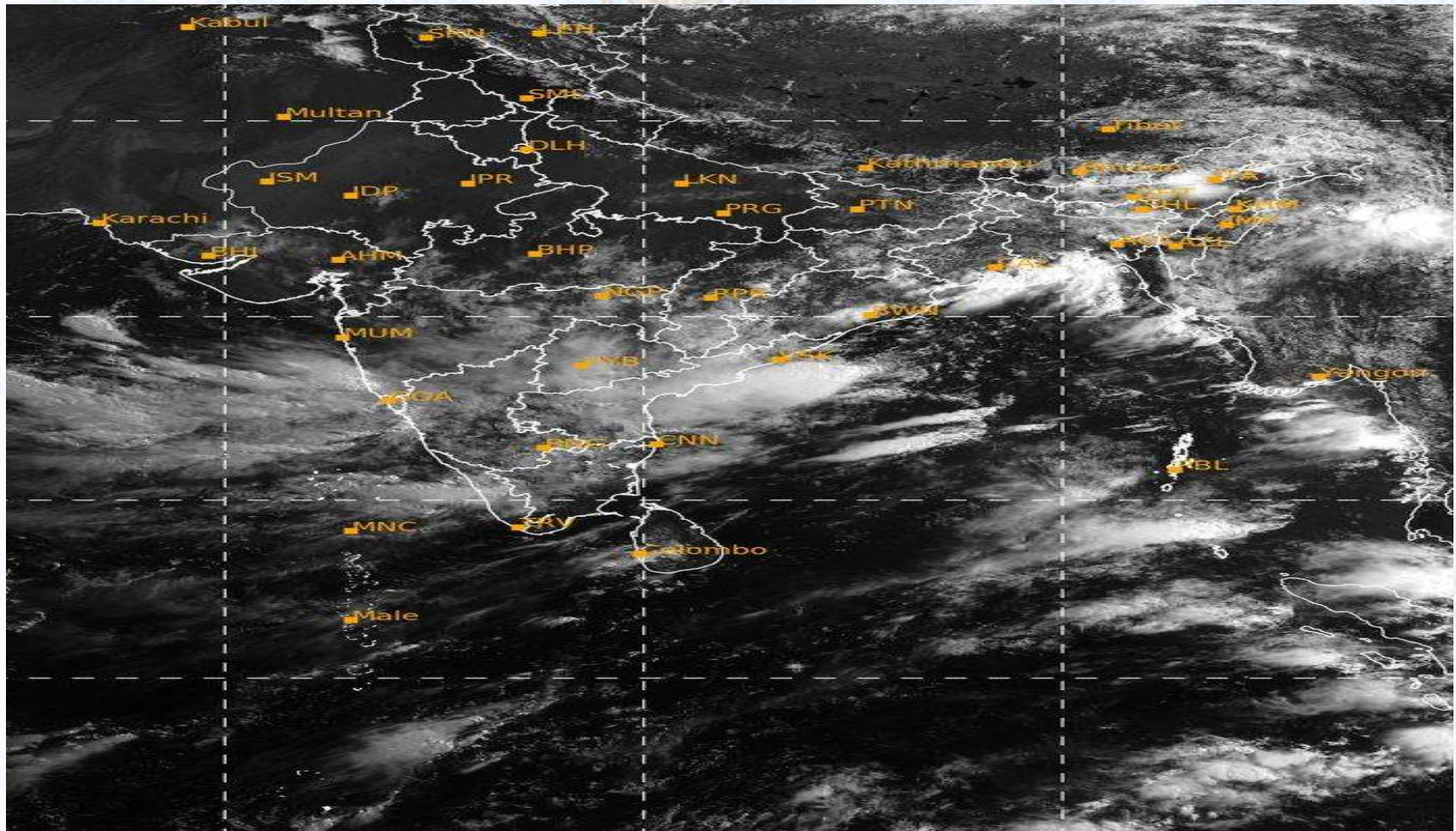


12/06/2020, 12:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



12/06/2020, 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 12.06.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	THE LOW OVER EAST CENTRAL BAY AND ADJOINING WEST CENTRAL BAY NOW LIES OVER WEST CENTRAL BAY AND ADJOINING NORTHWEST BAY AS A WELL MARKIED LOW. UNDER ITS INFLUENCE DEEP CONVECTION AND STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY AND ADJOINING AREA. SQUALLY WEATHER MAY AFFECT THE MARITIME PORTS, NORTH BAY AND ADJOINING COASTAL AREAS OF BANGLADESH.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY 12-18 KTS, TEMPORARY GUSTING TO 28 KTS.
	Visibility	02-04 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =12,0000 UTC. CHATTOGRAM =1002 HPA



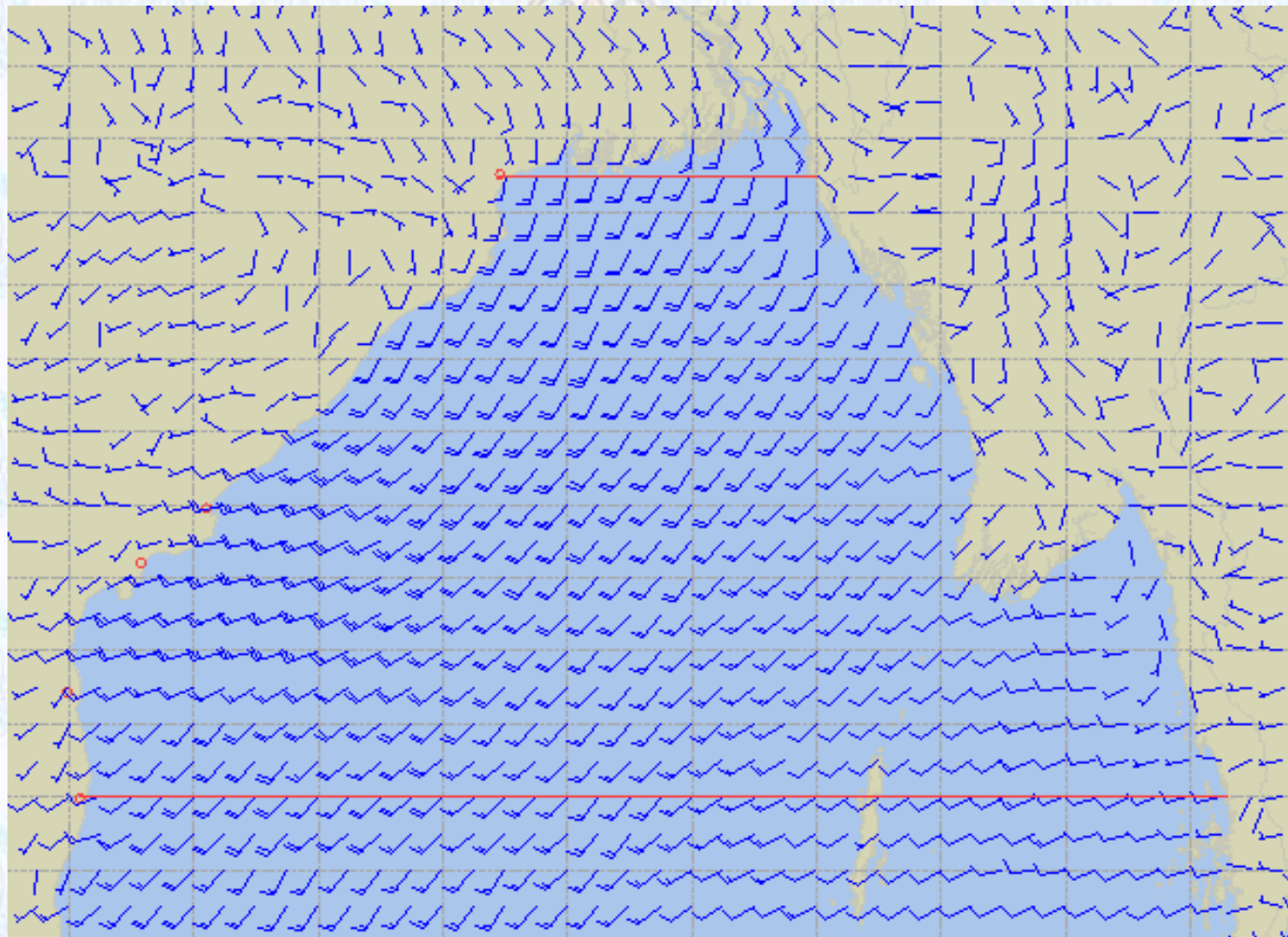
Inland River Port Warning (VALID TILL 07 PM OF 12.06.2020)

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 FARIDPUR, MADARIPUR, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COX'S BAZAR **WHEREIN RIVER PORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.**

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



Surface Wind Forecast- 13 June- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



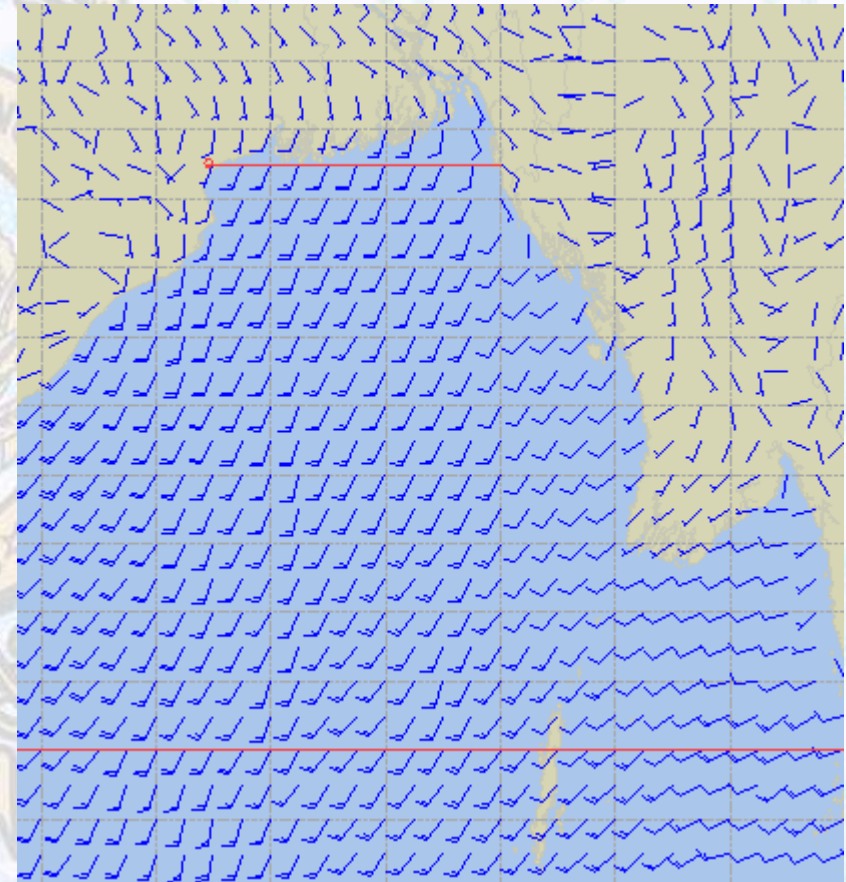
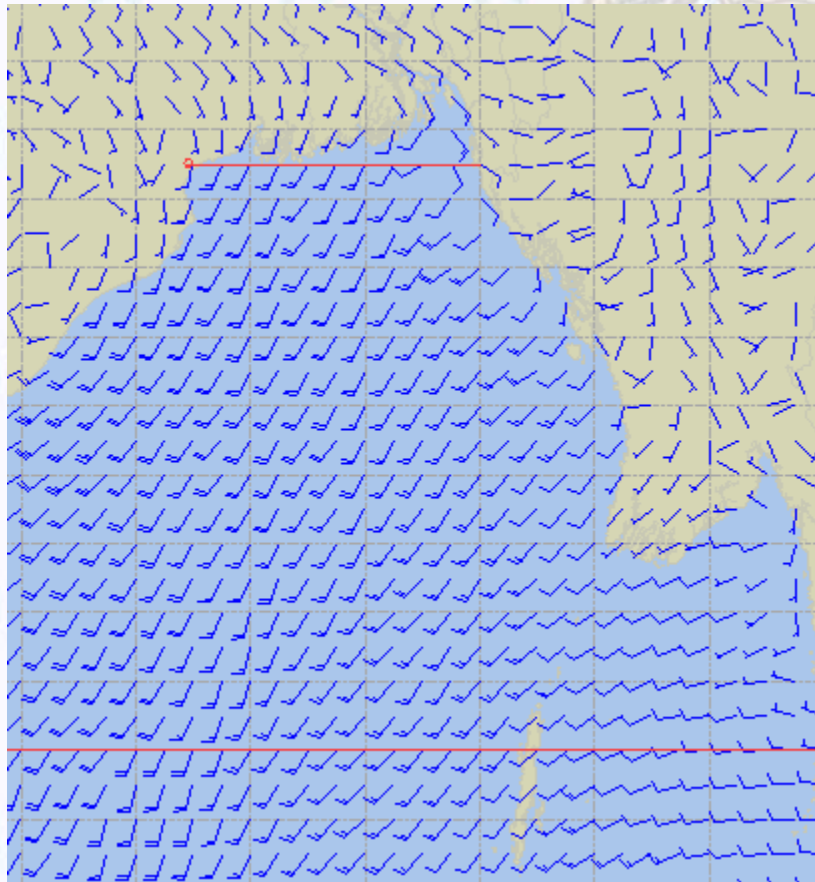
60 Knots



Surface Wind Forecast – 14 & 15 June- 2020

14 June 2020 Sunday

15 June 2020 Monday



Legend:



**Calm
Winds**



5 Knots



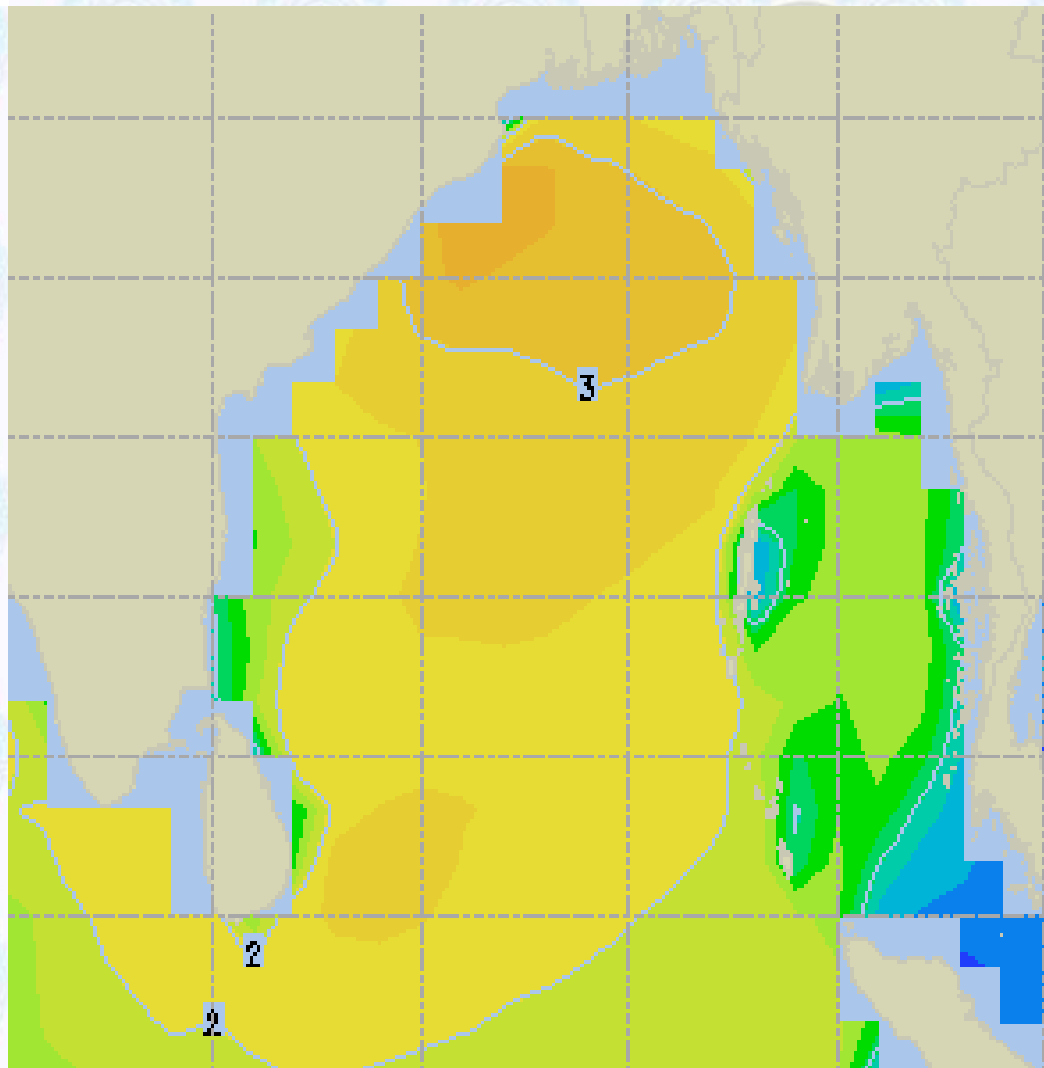
10 Knots



60 Knots



Sea State Forecast – 13 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

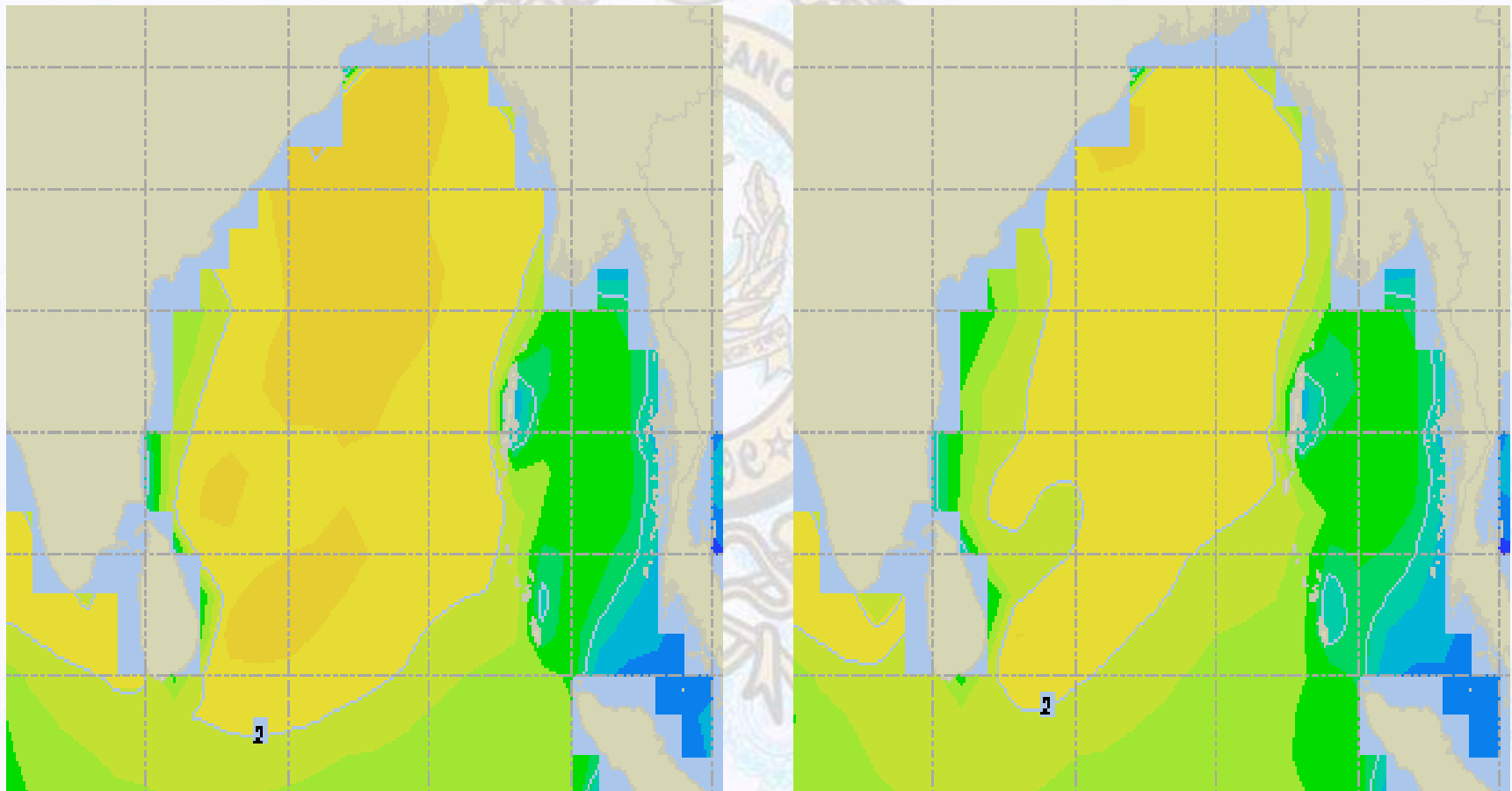




Sea State Forecast – 14 & 15 June-2020

14 June 2020 Sunday

15 June 2020 Monday

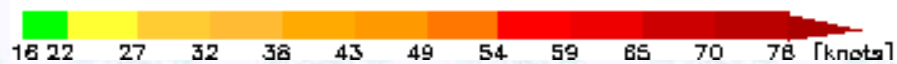
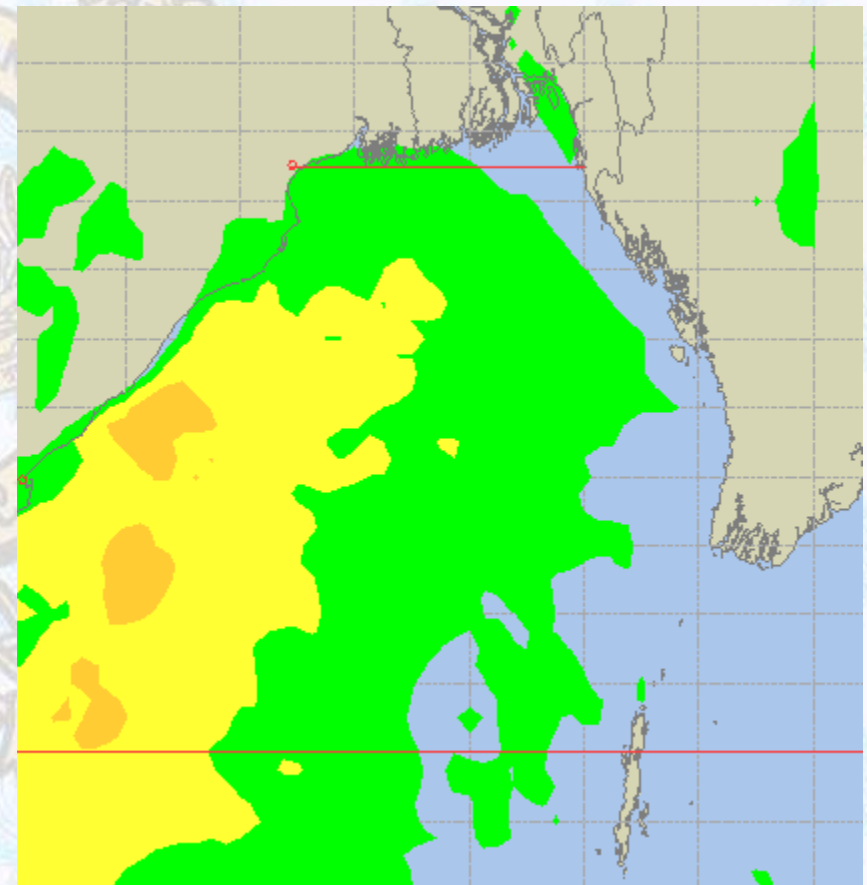
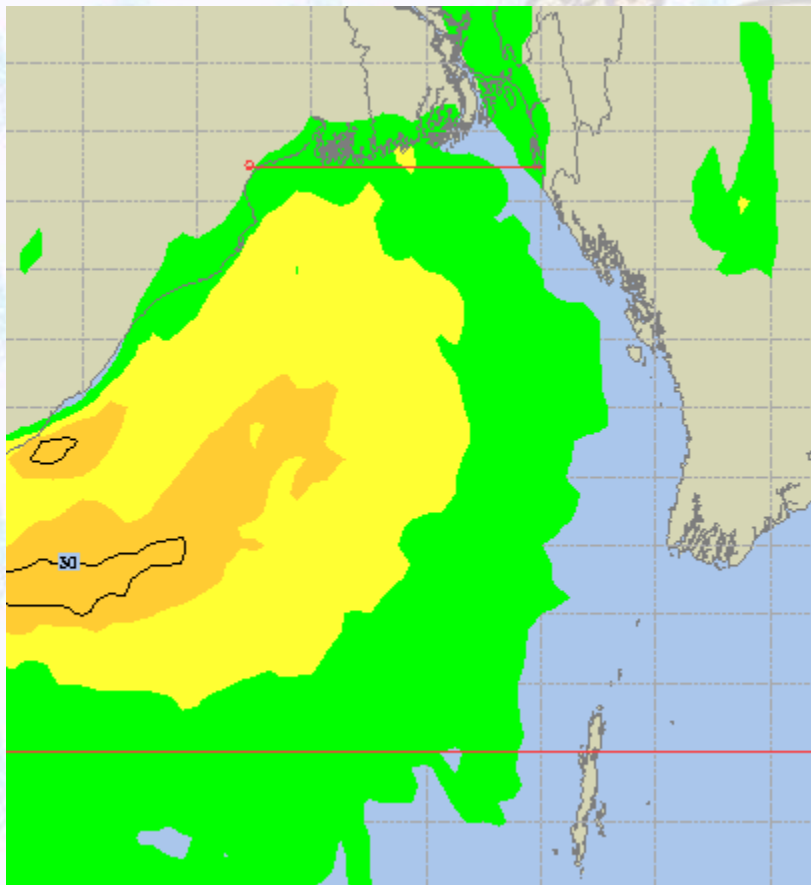




Peak Gusting Possibilities— 13 & 14 June 2020

13 June 2020 Saturday

14 June 2020 Sunday

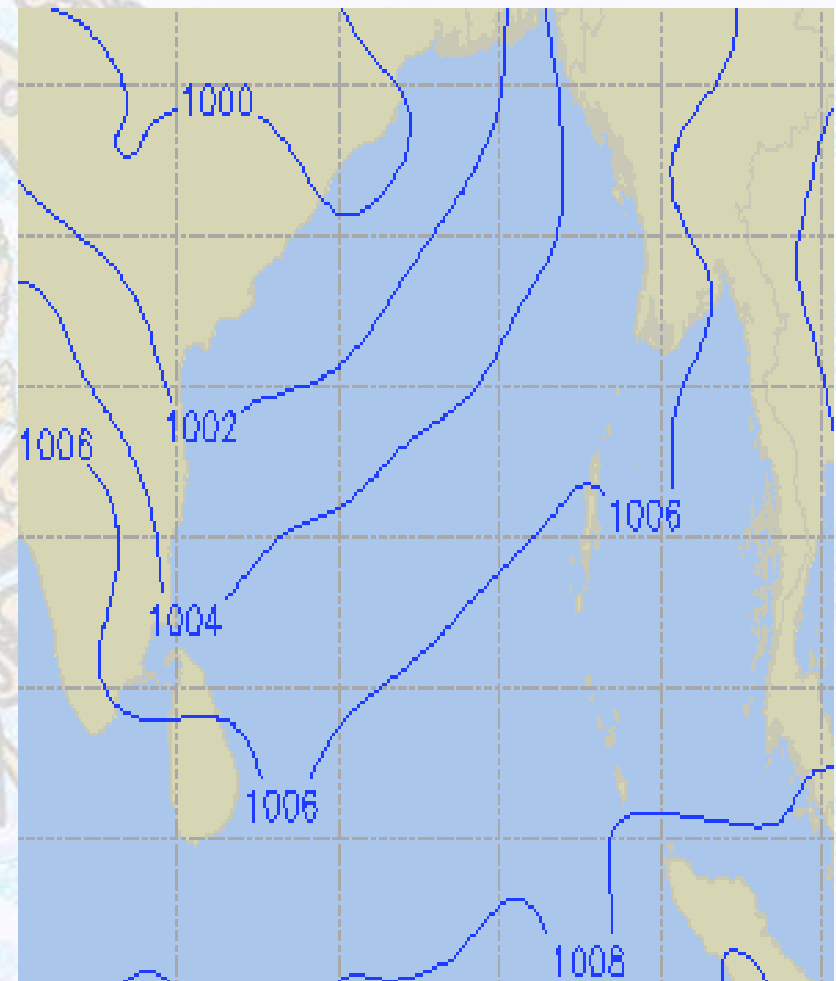
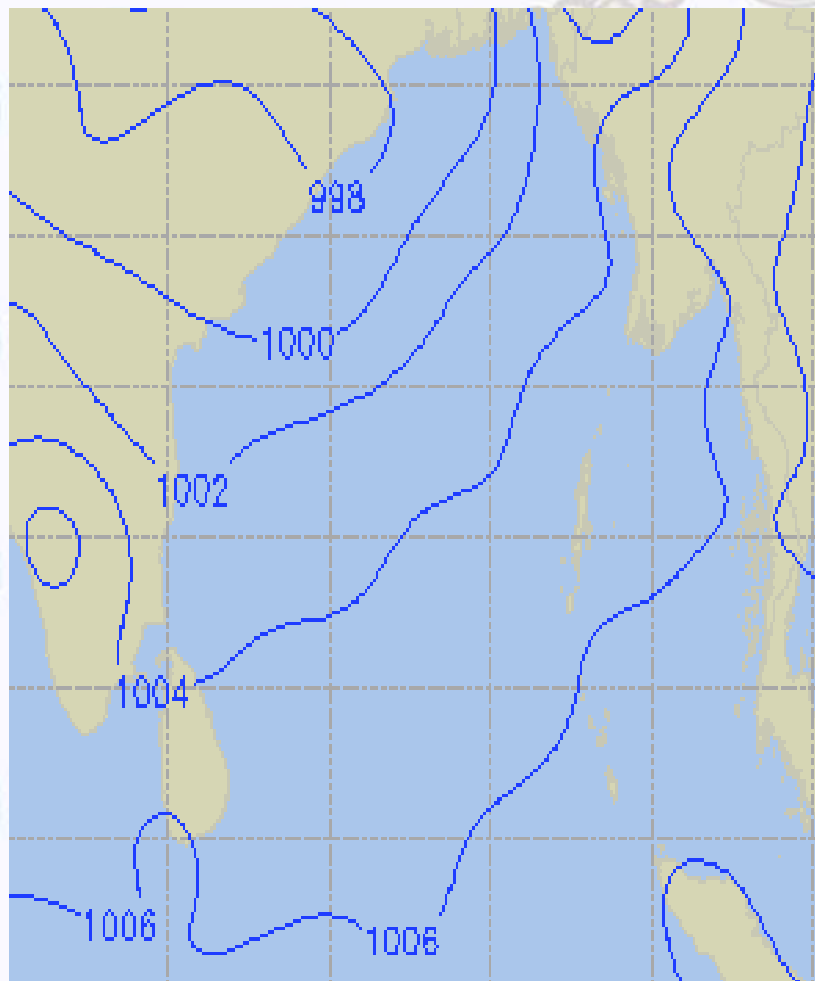




Surface Pressure forecast– 13 & 14 June 2020

13 June 2020 Saturday

14 June 2020 Sunday

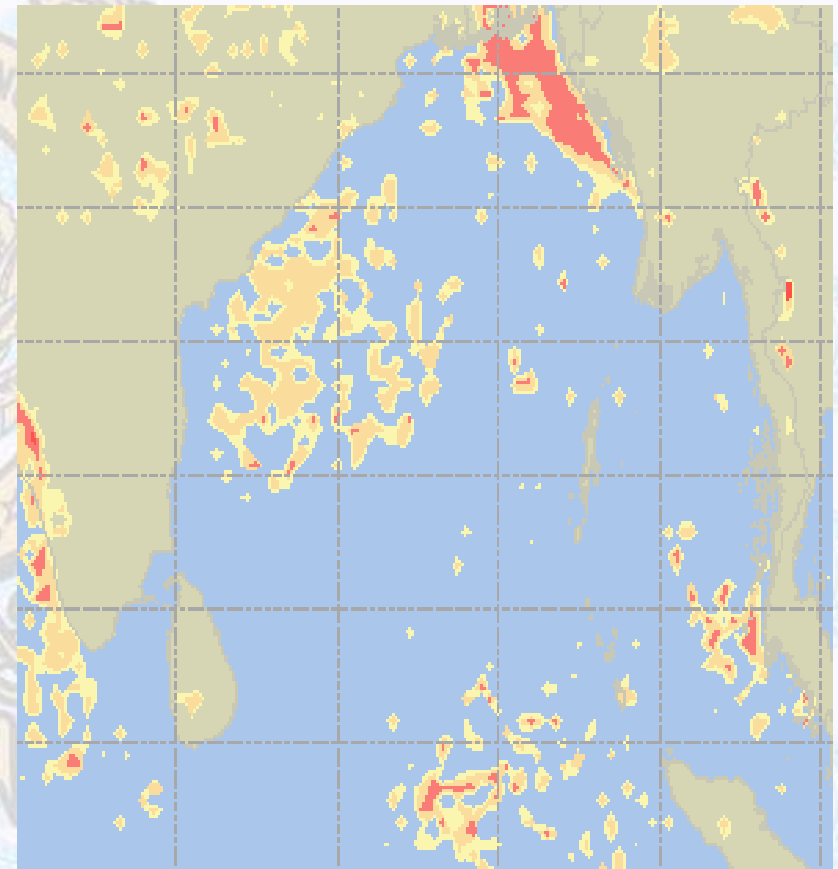
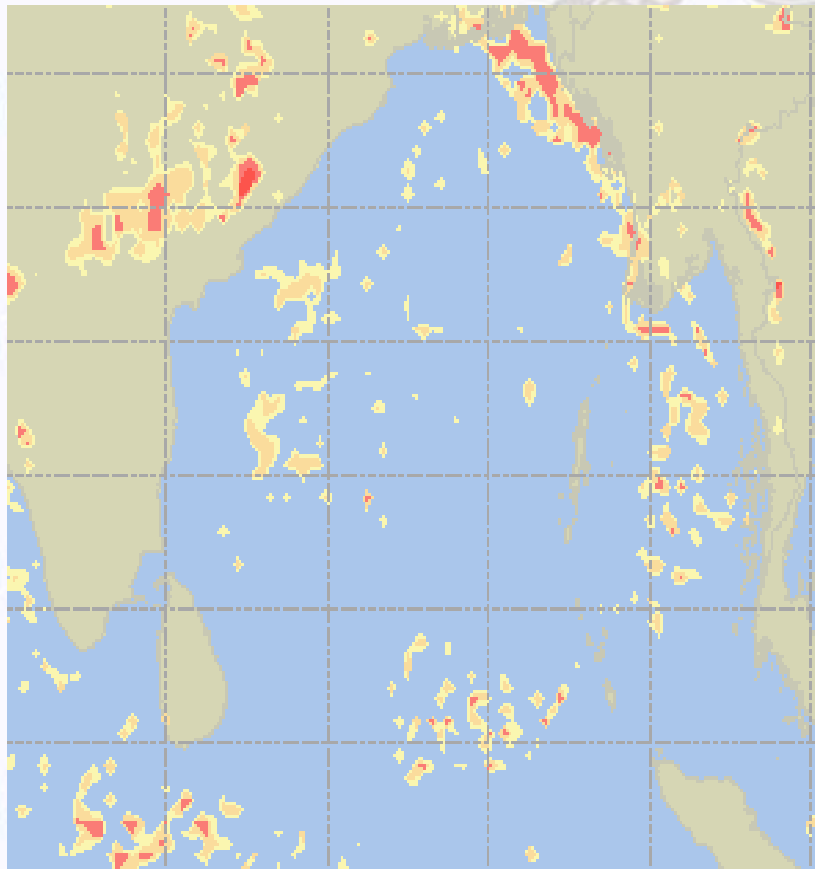




Visibility at Sea Forecast – 13 & 14 June- 2020

13 June 2020 Saturday

14 June 2020 Sunday



Visibility Scale:

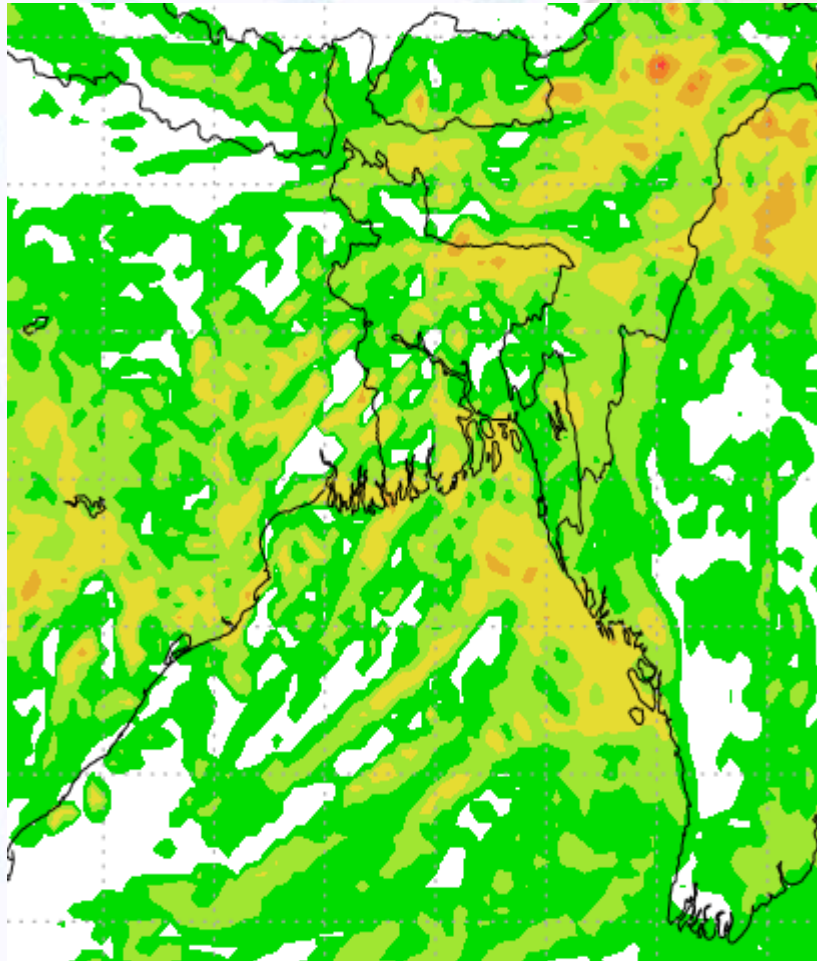


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

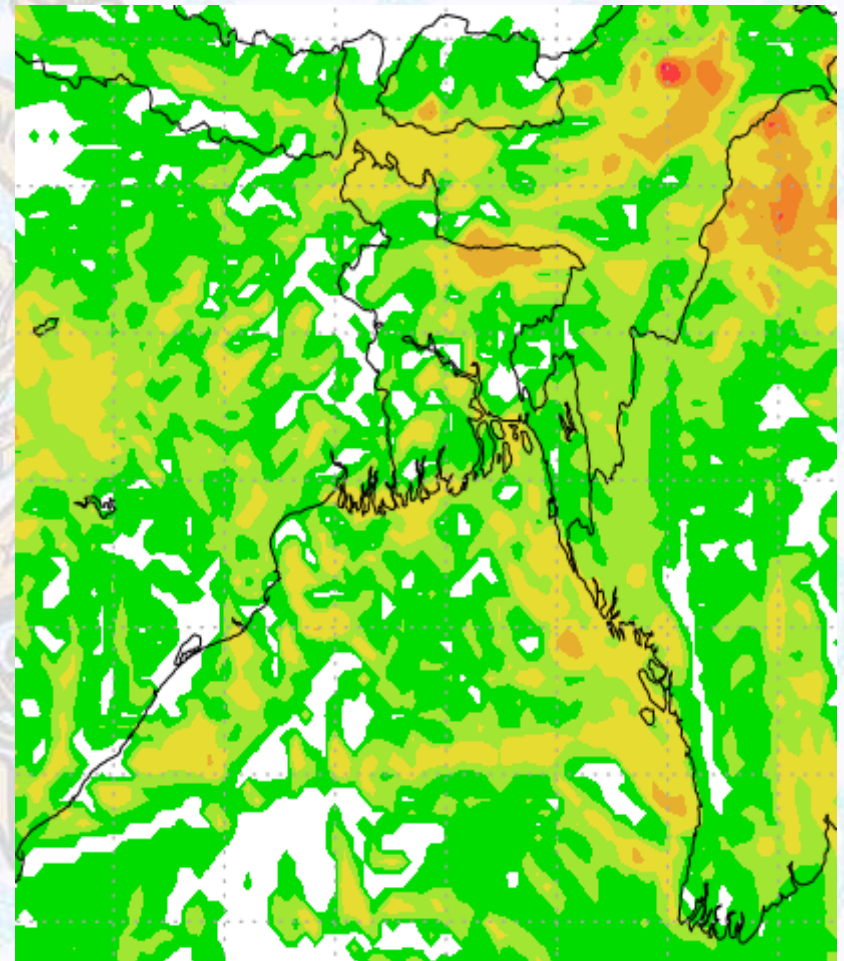


Precipitation

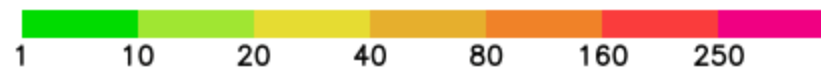
Rain(mm) 13 & 14 June 2020



Rain(mm) 14 & 15 June 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

12 June 2020	Time	Height		Time	Height		Time	Height
	0524	4.39		0245	2.89		0234	2.70
	1134	1.47		0910	1.34		0835	1.45
	1741	4.55		1510	3.07		1447	2.92
	-	-		2140	1.45		2129	1.39
13 June 2020	Time	Height		Time	Height		Time	Height
	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