



WEATHER FORECAST FOR BN

23 SEP- 26 SEP 2020





WEATHER FORECAST – DHAKA

23.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 25	29 / 25	28 / 24	28 / 25
Wind	15 km/h S	14 km/h S	13 km/h SSE	12 km/h SSE
Humidity	77%	80%	80%	81%
Chance of Precip	41%	47%	22%	46%
Cloud Cover	84%	88%	92%	91%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 48 AM 17: 55 PM			

Conditions

Pressure : 1002 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

23.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 26	28 / 26
Wind	18 km/h S	15 km/h S	12 km/h SSE	12 km/h SSE
Humidity	87%	87%	92%	90%
Chance of Precip.	30%	24%	64%	58%
Cloud Cover	92%	94%	96%	96%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 43 AM 17: 49 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

23.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	30 / 28	28 / 27	28 / 27
Wind	15 km/h SSE	12 km/h SSE	14 km/h SSE	15 km/h SSE
Humidity	86%	87%	92%	92%
Chance of Precip.	35%	41%	15%	24%
Cloud Cover	90%	90%	87%	90%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 52 AM 17: 58 PM			

Conditions

Pressure : 1003 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	24 Sep 2020	25 Sep 2020	26 Sep 2020
Temperature (C)	30 °C/27 °C	31 °C/27 °C	31 °C/27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h48m12s/17h52m12s	5h48m30s/17h51m06s	5h48m42s/17h50m12s
Day Length	12h04m00s	12h02m36s	12h01m30s
Moon Rise/ Set	12:49AM 11:41 PM	-	2:36PM 12:37AM
Moon Phase/ illu	First Quarter 59%	Waxing Gibbous, 0%	Waxing Gibbous, 70%
NauticalTwilight	04:58, 18:41	04:59, 18:41	04:59, 18:39
Civil Twilight	05:25, 18:15	05:25, 18:15	05:25, 18:13
Humidity	D : 80% N : 86%	D : 82% N : 84%	D : 82% N : 84%
Barometer (mb)	1006	1006	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	60%	70%	70%
Wind (mph)	14 Km/h SSW	15 Km/h SSW	15 Km/h SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	24 Sep 2020	25 Sep 2020	26 Sep 2020
Temperature (C)	30 °C/ 26 °C	30 °C/ 26 °C	30 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h42m30s/17h46m36s	5h42m42s/17h45m30s	5h42m48s/17h44m42s
Day Length	12h04m06s	12h02m48s	12h01m54s
Moon Rise/ Set	12:40AM 11:38 PM	-	2:27PM 12:35AM
Moon Phase/ illu	First Quarter 59%	Waxing Gibbous, 0%	Waxing Gibbous, 70%
NauticalTwilight	04:53, 18:35	04:54, 18:35	04:54, 18:33
Civil Twilight	05:19, 18:09	05:20, 18:09	05:20, 18:07
Humidity	D : 87% N : 93%	D : 87% N : 93%	D : 87% N : 93%
Barometer (mb)	1008	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	90%
Wind (mph)	16 Km/h S	16 Km/h S	16 Km/h S

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



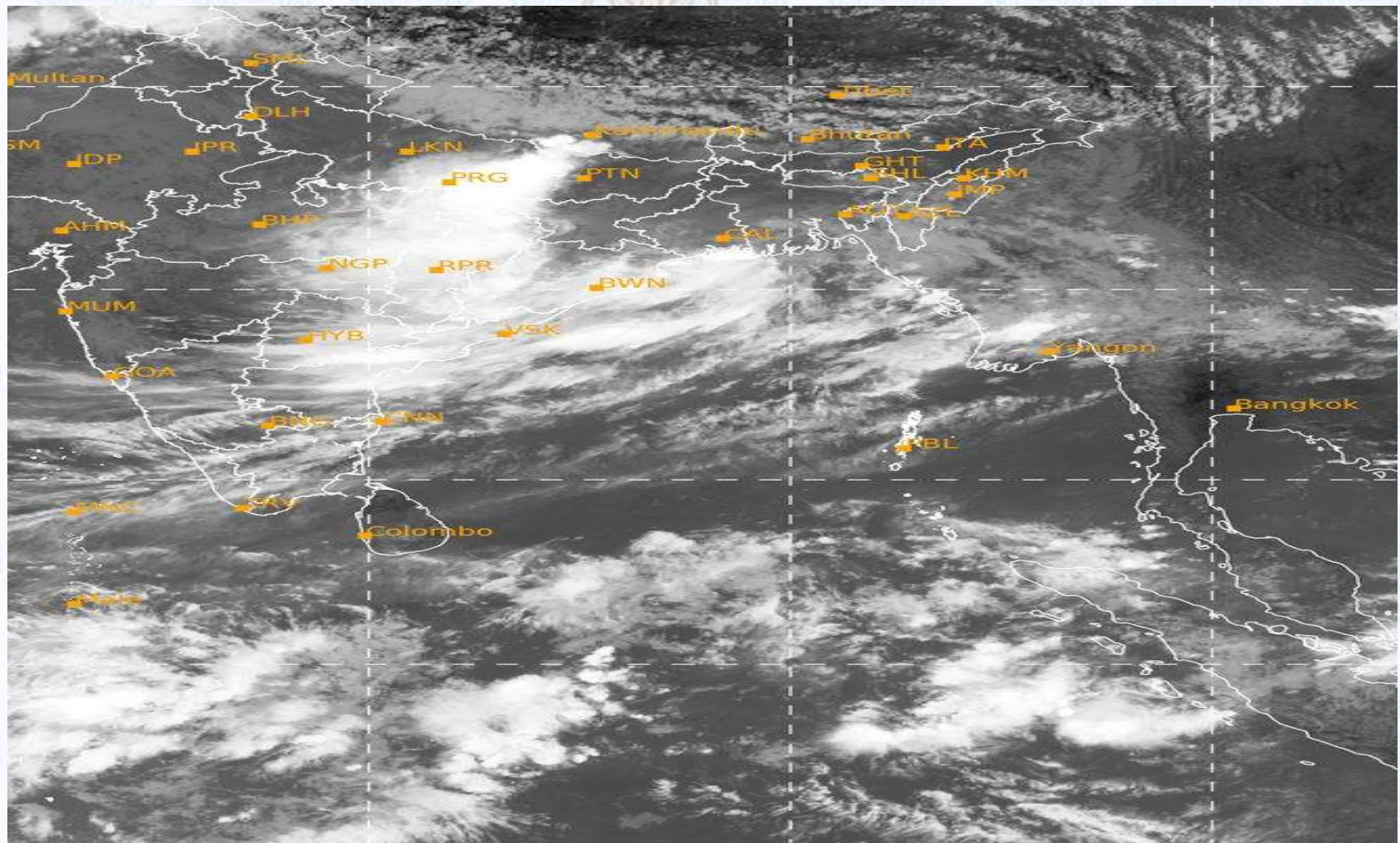
GENERAL WEATHER FORECAST – KHULNA

Description	24 Sep 2020	25 Sep 2020	26 Sep 2020
Temperature(C)	31°C/ 27°C	31°C/ 27°C	31°C/ 27°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h51m36s/17h55m42s	5h51m54s/17h54m36s	5h52m00s/17h53m48s
Day Length	12h04m06s	12h02m42s	12h01m48s
Moon Rise/Set	12:51AM 11:48 PM	-	11:50AM 10:51PM
Moon Phase/illu	First Quarter 59%	Waxing Gibbous, 0%	Waxing Gibbous, 48%
Nautical Twilight	05:02, 18:44	05:03, 18:44	05:03, 18:42
Civil Twilight	05:28, 18:18	05:29, 18:18	05:29, 18:16
Humidity	D : 84% N : 87%	D : 84% N : 87%	D : 84% N : 87%
Barometer (mb)	1006	1006	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	16 km/h SSW	16 km/h SSW	16 km/h SSW

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



SATELLITE VIEW OF BAY OF BENGAL

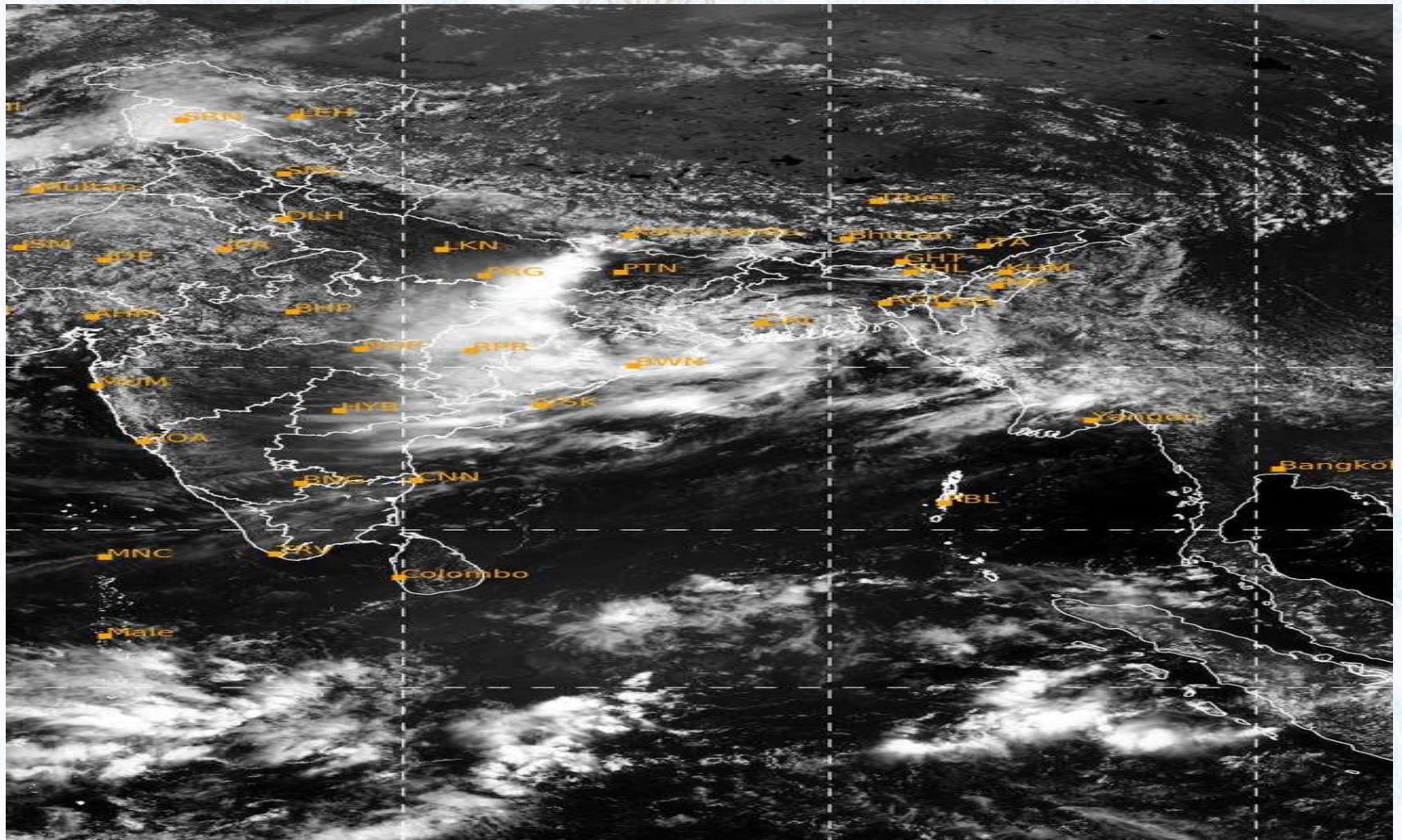


23/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



23/09/2020, 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 23.09.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS STRONG OVER NORTH BAY.	
Part Three	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 1500M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 23,0000 UTC. CHATTOGRAM =1003 HPA



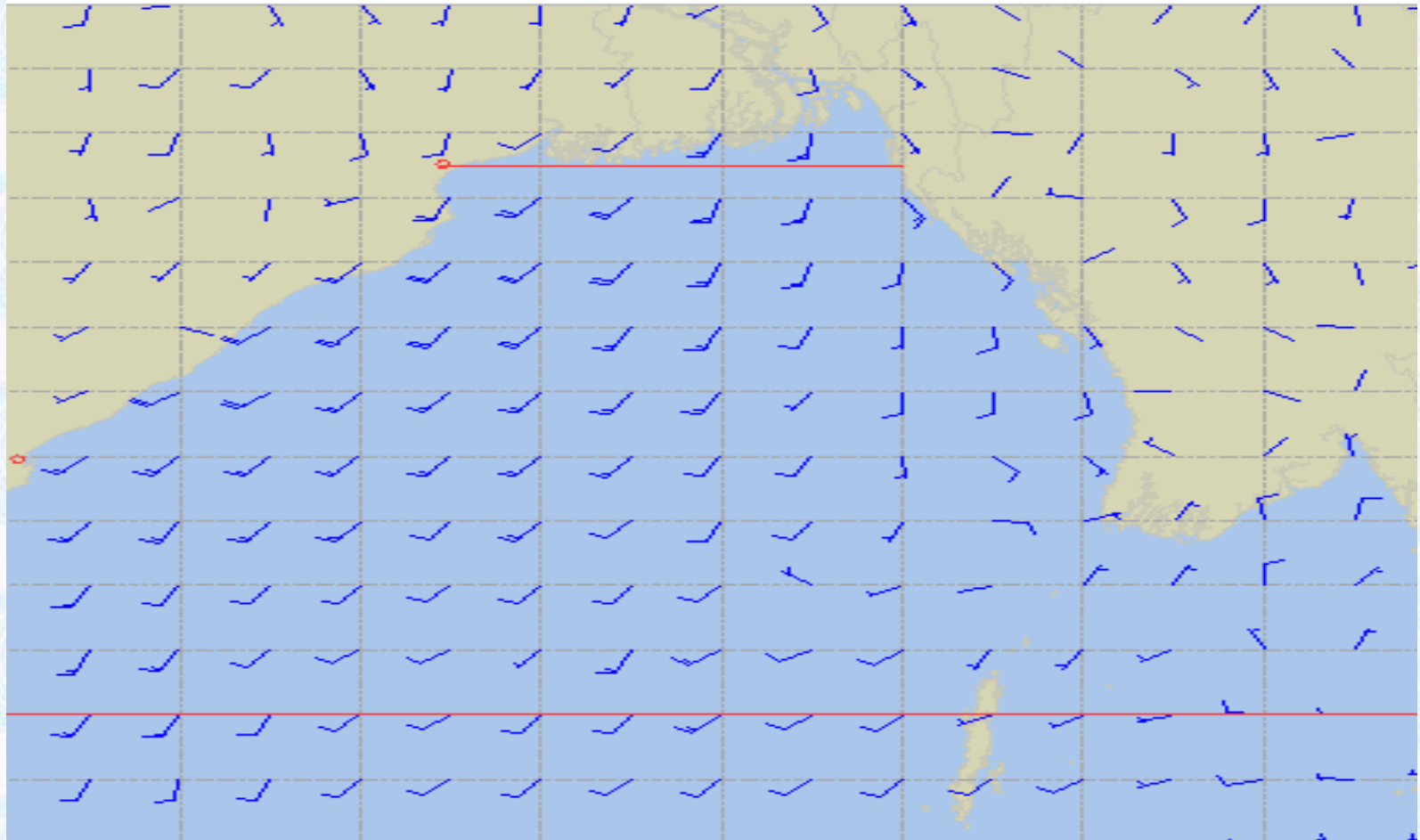
Inland River Port Warning (VALID TILL 06 PM OF 23.09.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH/SOUTH-EASTERLY**, GUSTY/SQUALLY WIND SPEED **45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, DINAJPUR, RAJSHAHI, BOGURA, PABNA, MYMENSINGH, SYLHET , TANGAIL, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, 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- 24 Sep- 2020



Legend:



Calm
Winds



5 Knots



10 Knots



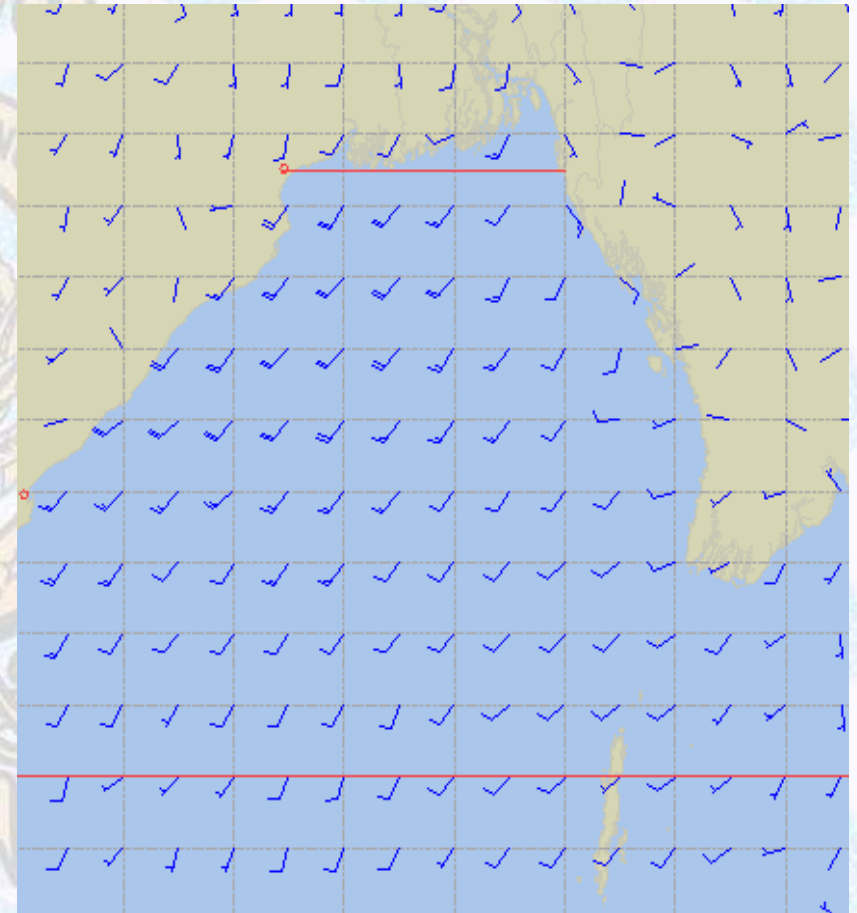
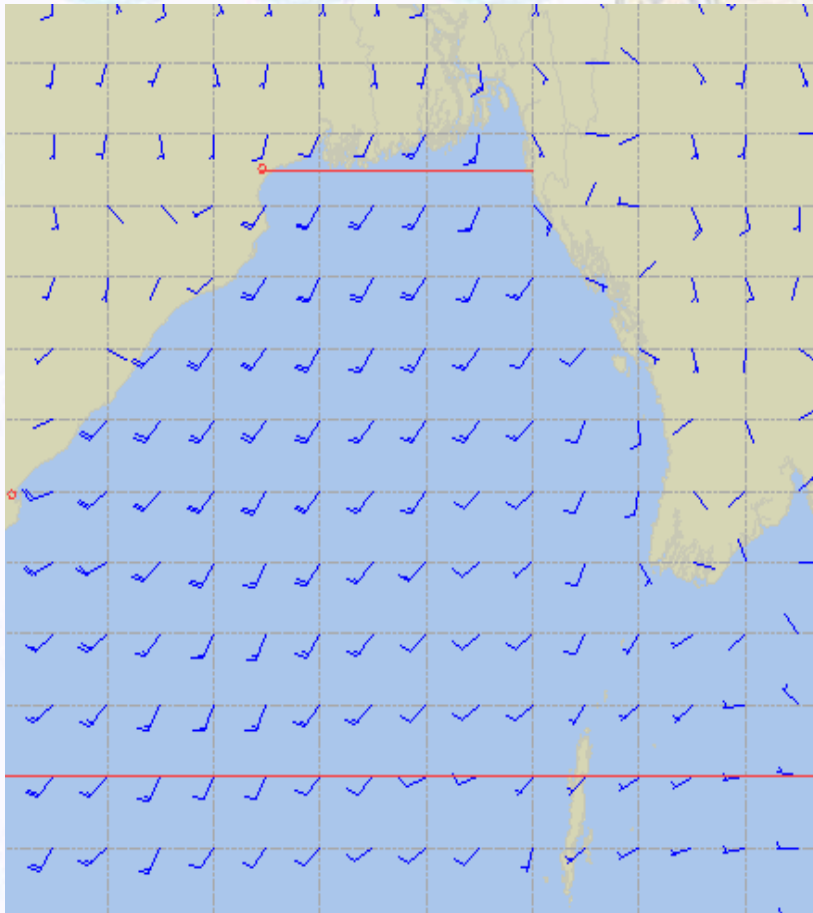
60 Knots



Surface Wind Forecast – 25 & 26 Sep - 2020

25 Sep 20 Friday

26 Sep 20 Saturday



Legend:



Calm
Winds



5 Knots



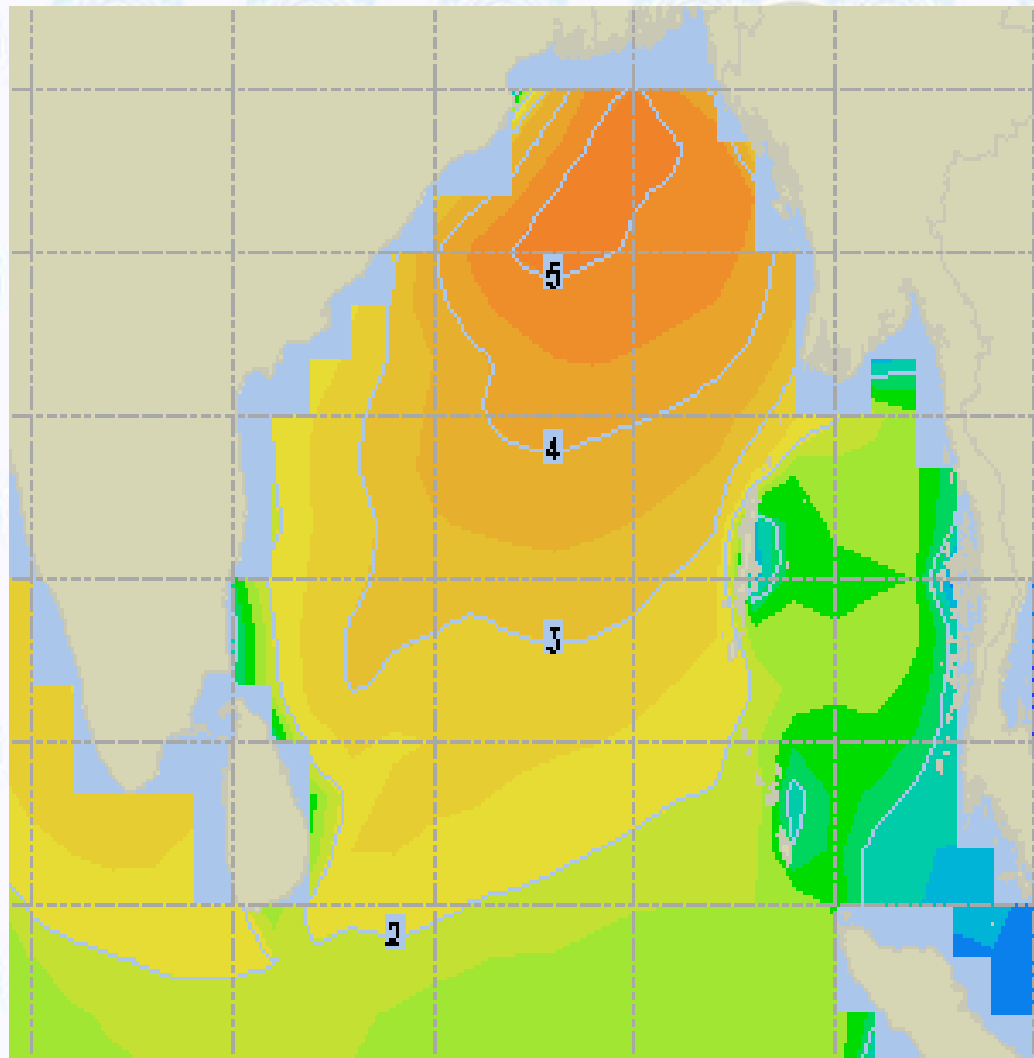
10 Knots



60 Knots



Sea State Forecast – 24 Sep- 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

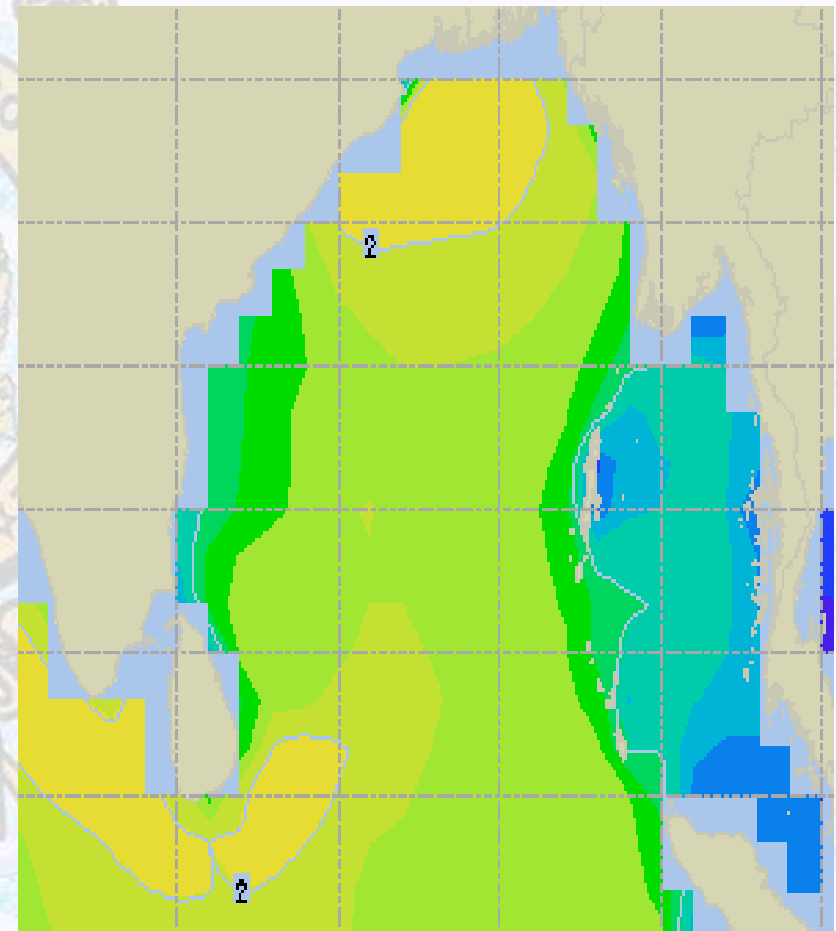
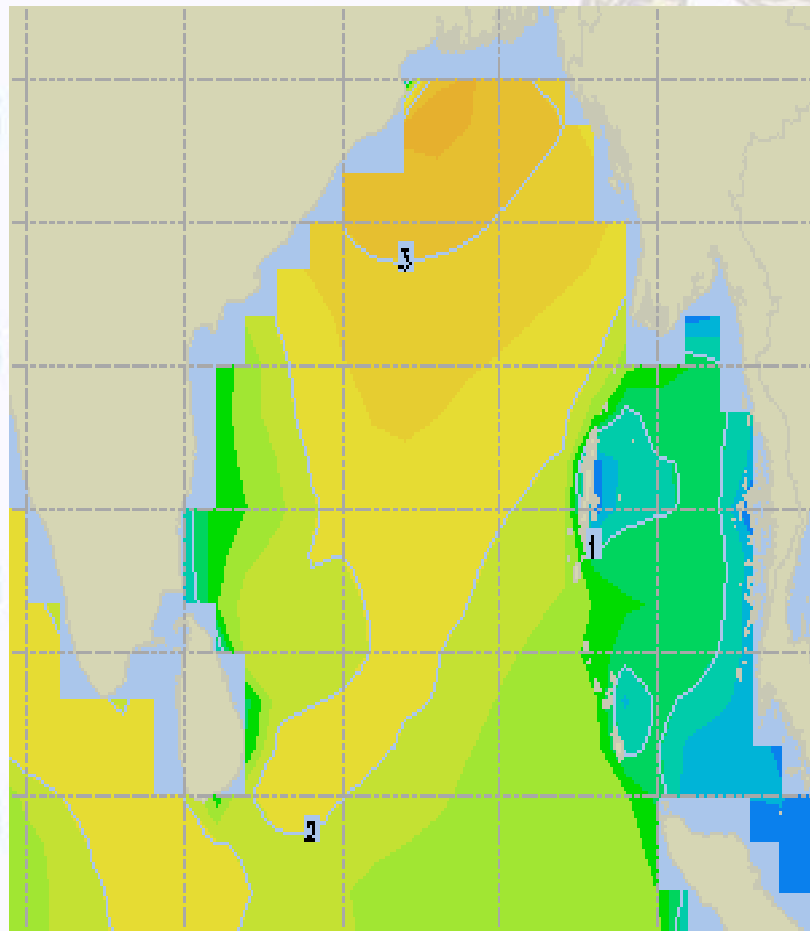




Sea State Forecast – 25 & 26 Sep - 2020

25 Sep 20 Friday

26 Sep 20 Saturday

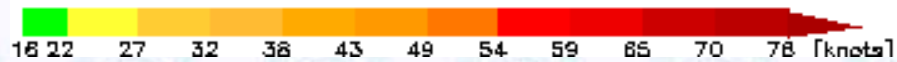
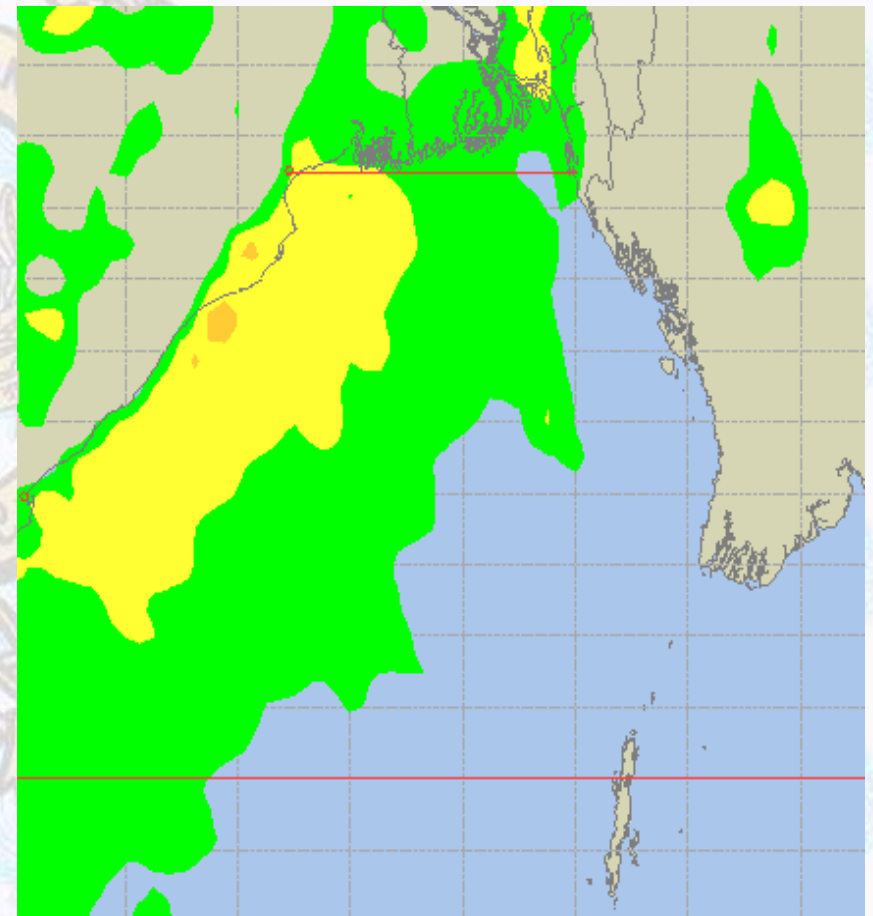
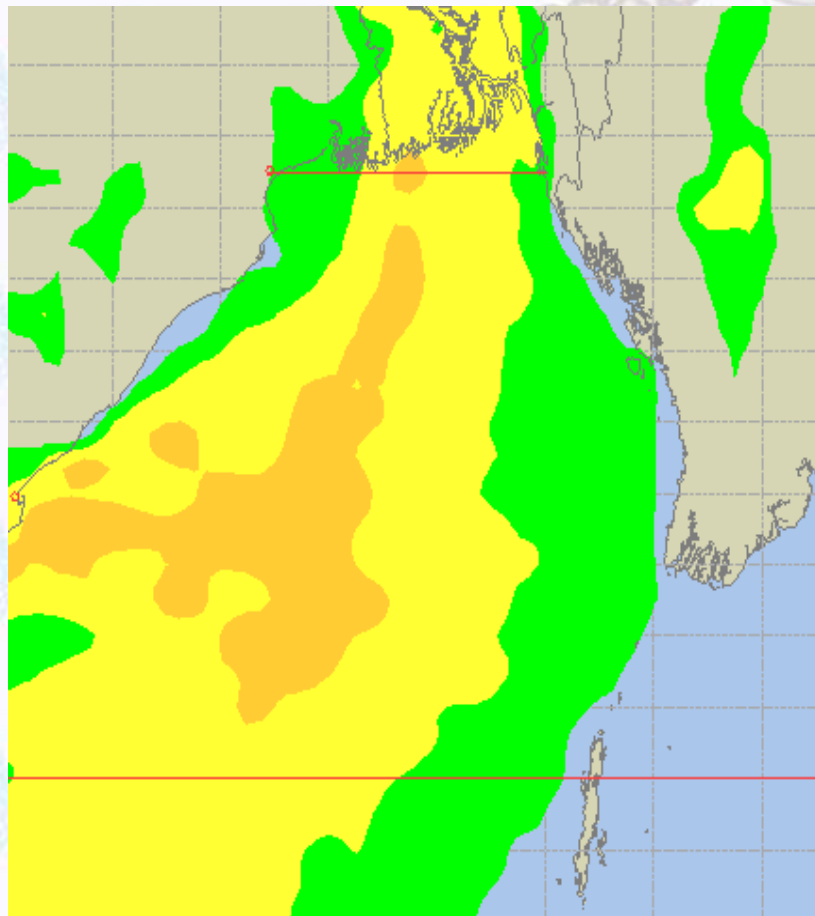




Peak Gusting Possibilities— 24 & 25 Sep 2020

24 Sep 20 Thursday

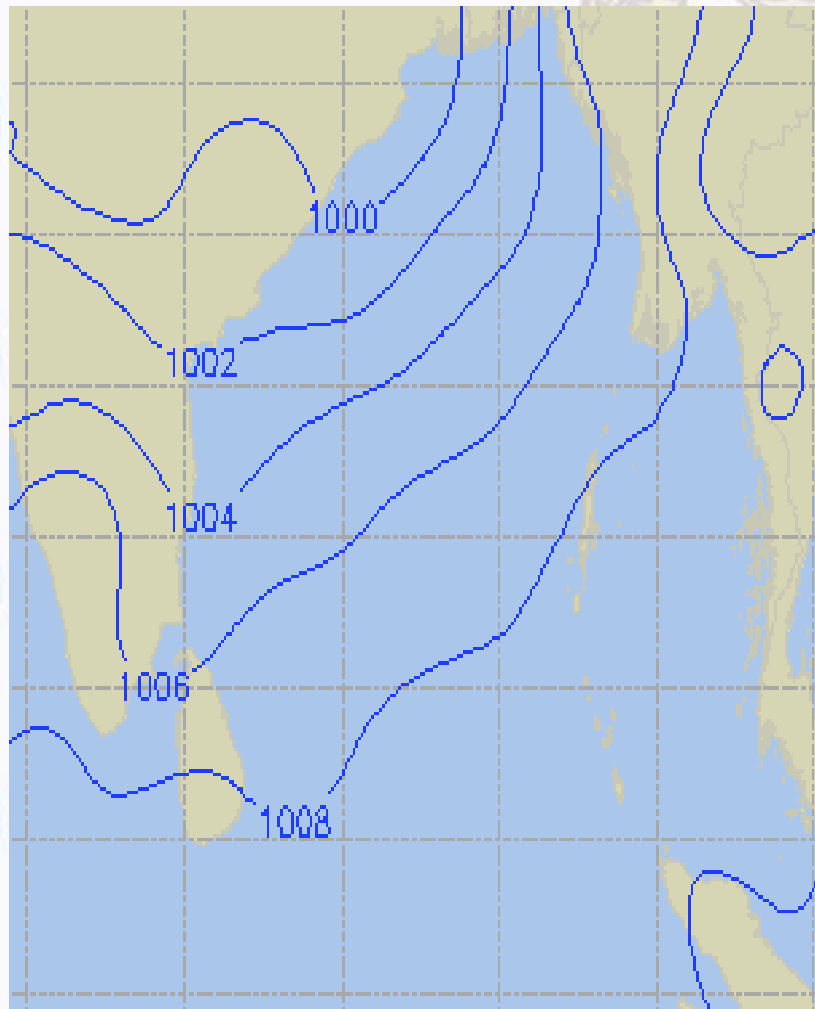
25 Sep 20 Friday



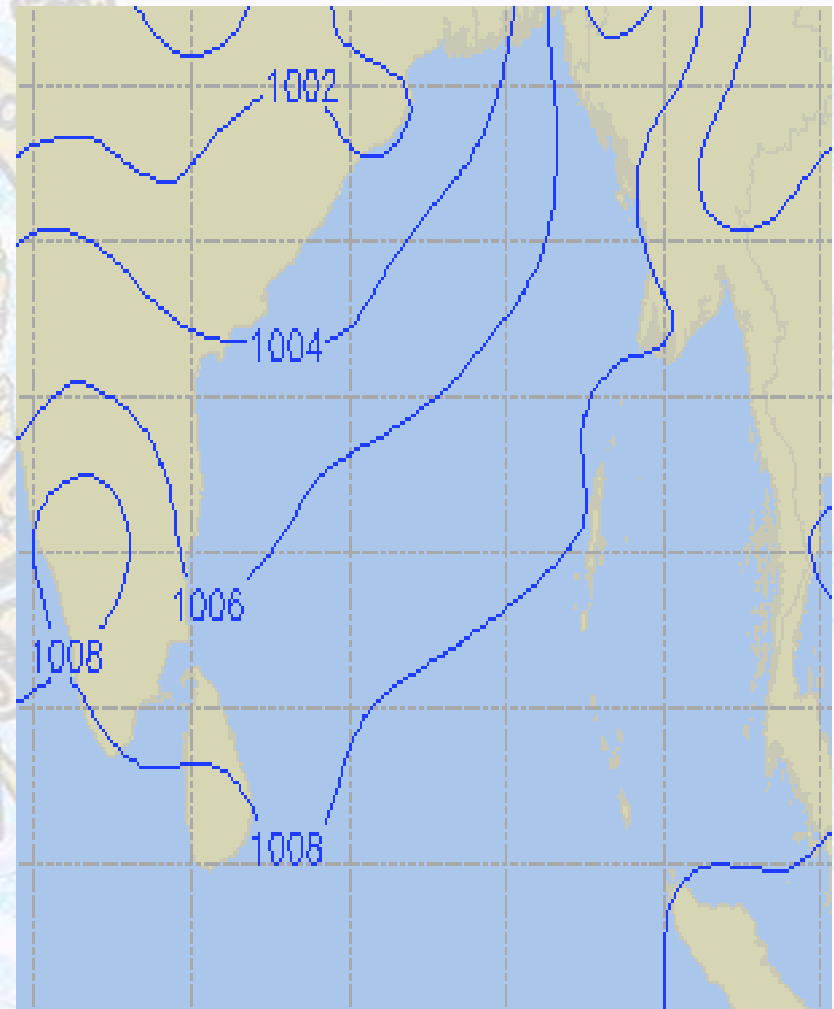


Surface Pressure forecast– 24 & 25 Sep 2020

24 Sep 20 Thursday



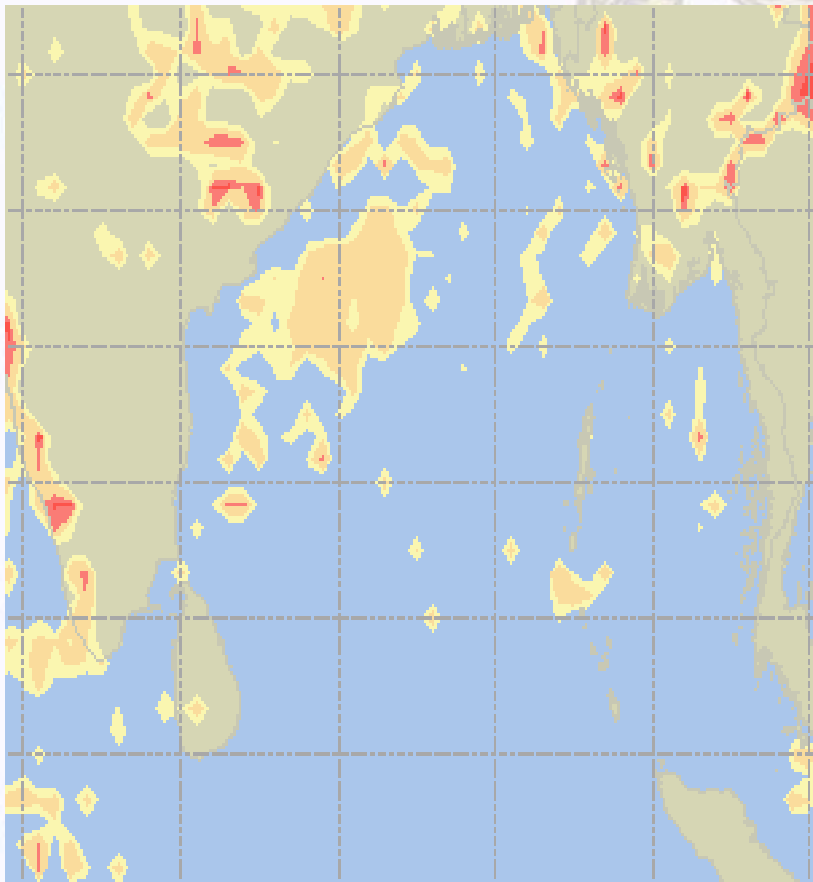
25 Sep 20 Friday



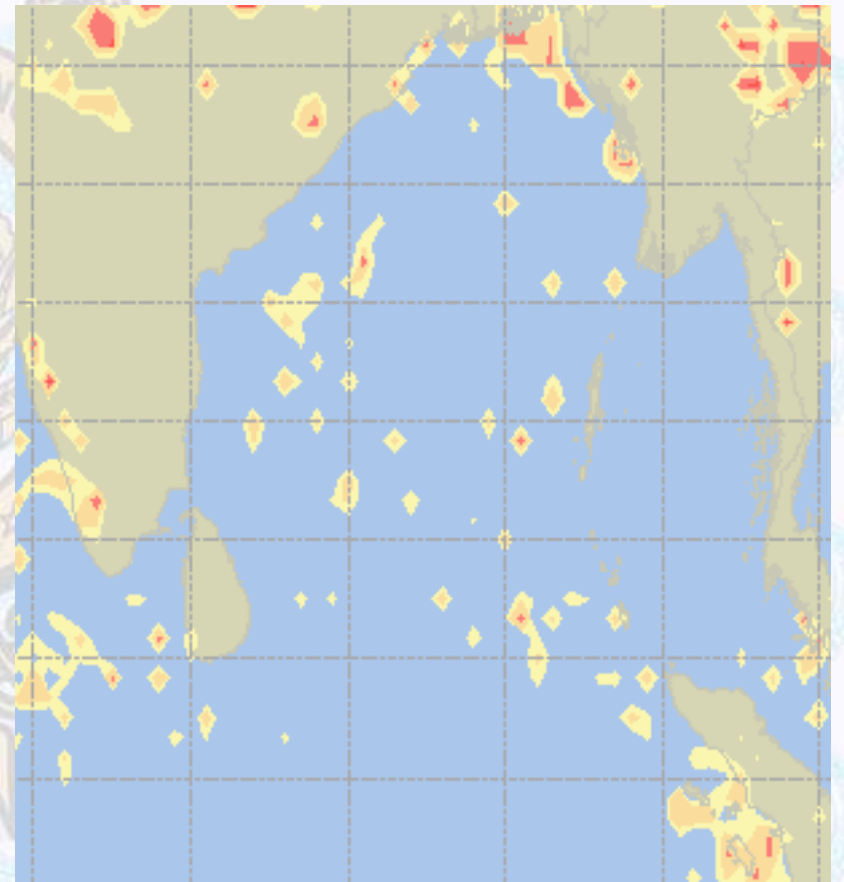


Visibility at Sea Forecast – 24 & 25 Sep 2020

24 Sep 20 Thursday



25 Sep 20 Friday



Visibility Scale:

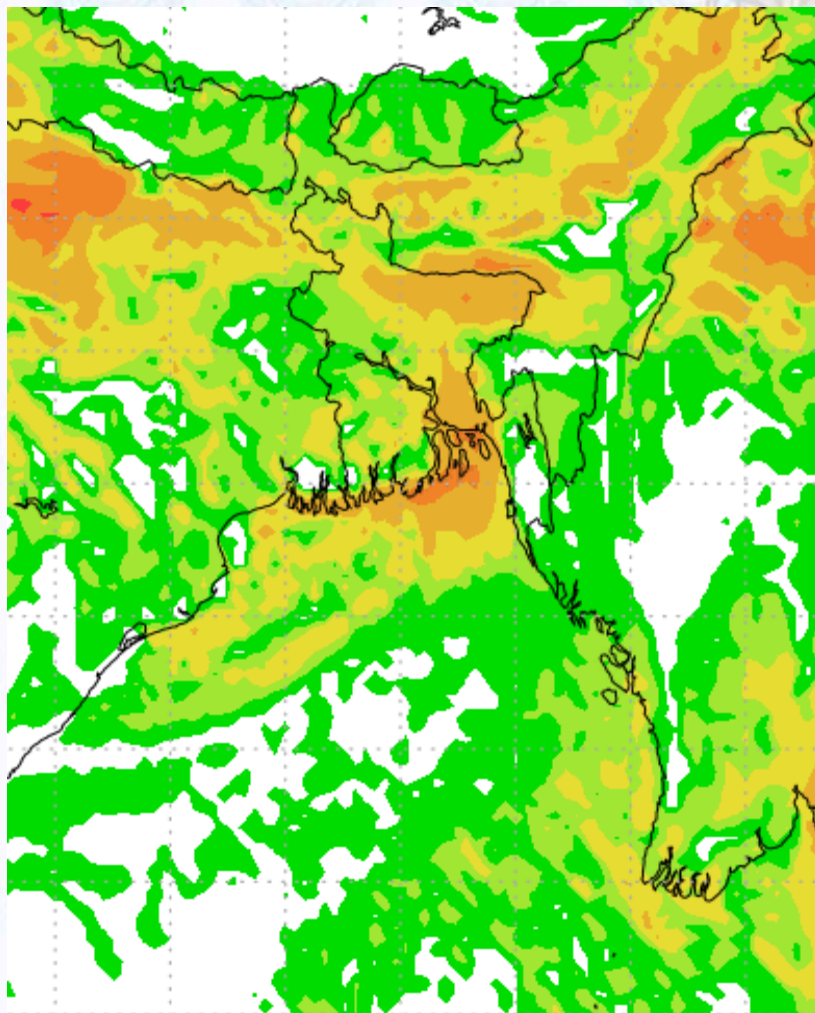


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

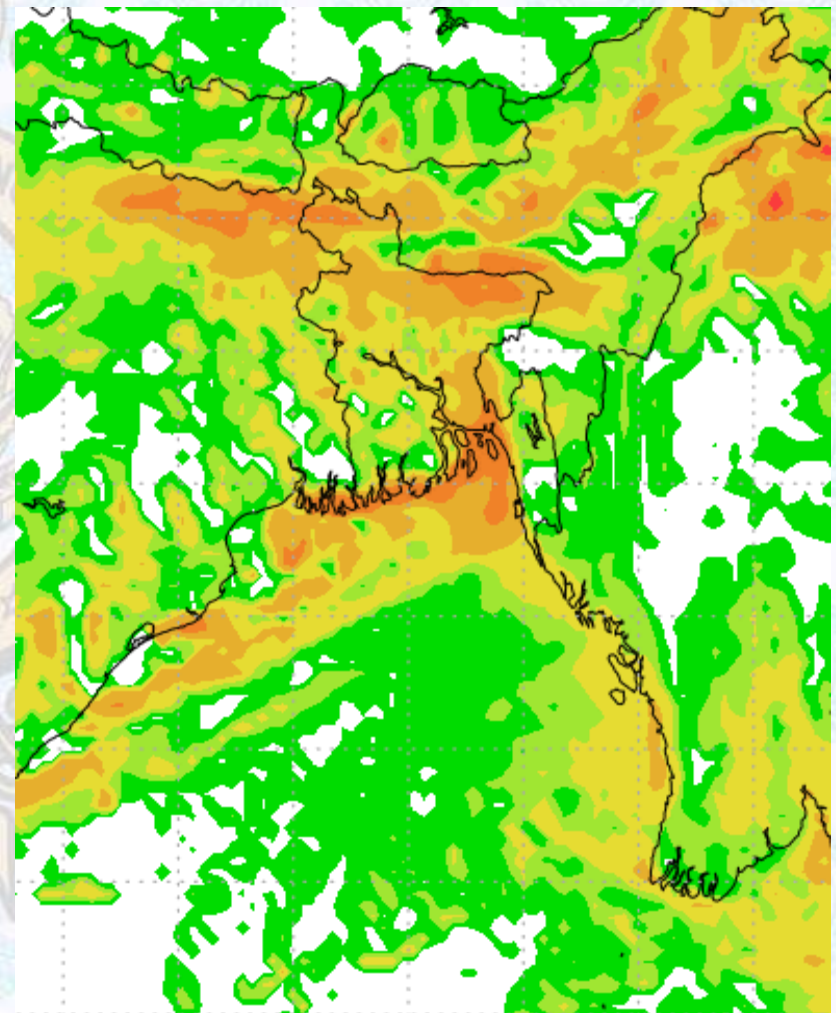


Precipitation

Rain(mm) 24 & 25 Sep 2020



Rain(mm) 25 & 26 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0555		4.52			0319	3.02
24 Sep 2020	1234	1.28		1001	1.24		0938	1.50
	1840	4.01		1552	2.71		1529	2.48
	-	-		2230	1.32		2151	1.49
	Time	Height		Time	Height		Time	Height
		0057		1.51			0431	2.81
25 Sep 2020	0721	4.26		1124	1.36		1126	1.62
	1406	1.40		1719	2.54		1730	2.35
	2022	3.88		2359	1.39		2345	1.59
	Time	Height		Time	Height		Time	Height
		0232		1.61			0606	2.75
26 Sep 2020	0854	4.22		1300	1.34		1308	1.52
	1534	1.29		1903	2.59		1923	2.47
	2151	4.03		-	-		-	-