



WEATHER FORECAST FOR BN

24 SEP- 27 SEP 2020





WEATHER FORECAST – DHAKA

24.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 25	29 / 25	28 / 25	28 / 25
Wind	17 km/h SSW	15 km/h SSW	13 km/h S	13 km/h S
Humidity	81%	80%	81%	83%
Chance of Precip	38%	48%	38%	43%
Cloud Cover	89%	95%	95%	95%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 48 AM 17: 54 PM			

Conditions

Pressure : 1006 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

24.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	29 / 27	28 / 26	28 / 26
Wind	18 km/h S	16 km/h S	13 km/h S	13 km/h S
Humidity	84%	86%	90%	90%
Chance of Precip.	23%	70%	83%	90%
Cloud Cover	96%	89%	91%	93%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 43 AM 17: 48 PM			

Conditions

Pressure : 1008 hpa

Visibility : 6.44 Km

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



WEATHER FORECAST – KHULNA

24.09.2020

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	25 Sep 2020	26 Sep 2020	27 Sep 2020
Temperature (C)	30 °C/ 27 °C	30 °C/ 26 °C	31 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h48m30s/17h51m06s	5h48m42s/17h50m12s	5h48m48s/17h49m12s
Day Length	12h02m36s	12h01m30s	12h00m24s
Moon Rise/ Set	-	2:36PM 12:37AM	3:22 PM 1:35 AM
Moon Phase/ illu	Waxing Gibbous, 0%	Waxing Gibbous, 70%	Waxing Gibbous, 79%
NauticalTwilight	04:59, 18:41	04:59, 18:39	04:59, 18:38
Civil Twilight	05:25, 18:15	05:25, 18:13	05:26, 18:12
Humidity	D : 83% N : 86%	D : 83% N : 87%	D : 80% N : 86%
Barometer (mb)	1005	1003	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	70%	50%	50%
Wind (mph)	17 Km/h SSW	14 Km/h S	12 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	25 Sep 2020	26 Sep 2020	27 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	5h42m42s/17h45m30s	5h42m48s/17h44m42s	5h43m00s/17h43m48s
Day Length	12h02m48s	12h01m54s	12h00m48s
Moon Rise/ Set	-	2:27PM 12:35AM	3:14 PM 1:32 AM
Moon Phase/ illu	Waxing Gibbous, 0%	Waxing Gibbous, 70%	Waxing Gibbous, 79%
NauticalTwilight	04:54, 18:35	04:54, 18:33	04:54, 18:32
Civil Twilight	05:20, 18:09	05:20, 18:07	05:20, 18:06
Humidity	D : 89% N : 92%	D : 90% N : 91%	D : 85% N : 90%
Barometer (mb)	1008	1005	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	95%	95%	80%
Wind (mph)	12 Km/h S	11 Km/h S	10 Km/h S

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



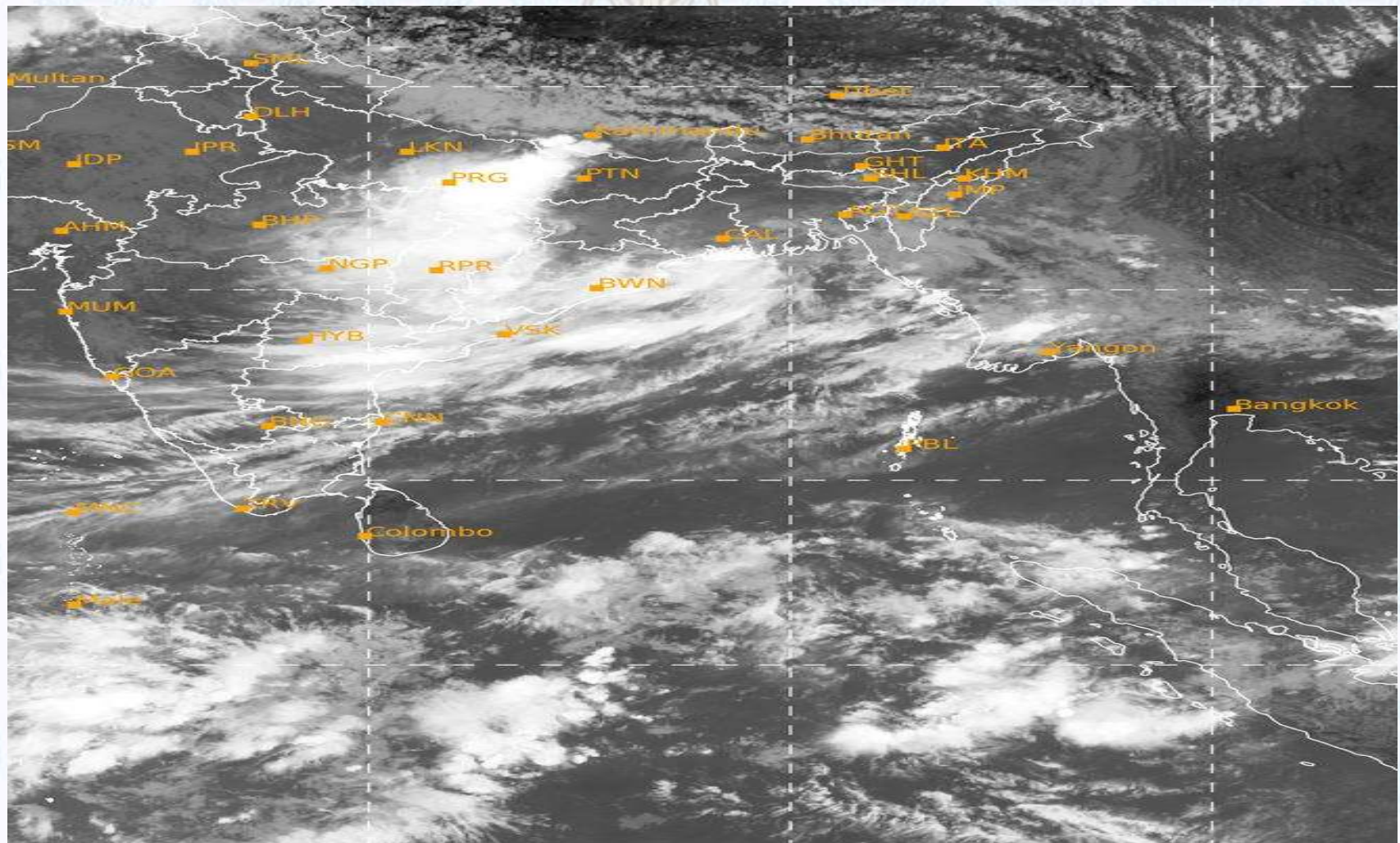
GENERAL WEATHER FORECAST – KHULNA

Description	25 Sep 2020	26 Sep 2020	27 Sep 2020
Temperature(C)	30°C/ 27°C	30°C/ 26°C	31°C/ 26°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h51m54s/17h54m36s	5h52m00s/17h53m48s	5h52m06s/17h52m48s
Day Length	12h02m42s	12h01m48s	12h00m42s
Moon Rise/Set	-	2:38 PM 12:43 PM	3:24 PM 1:40 PM
Moon Phase/illu	Waxing Gibbous, 0%	Waxing Gibbous, 70%	Waxing Gibbous, 79%
Nautical Twilight	05:03, 18:44	05:03, 18:42	05:03, 18:41
Civil Twilight	05:29, 18:18	05:29, 18:16	05:29, 18:15
Humidity	D : 87% N : 90%	D : 86% N : 90%	D : 84% N : 90%
Barometer (mb)	1006	1006	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	95%	70%	70%
Wind (mph)	16 km/h SSW	14 km/h S	11 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL

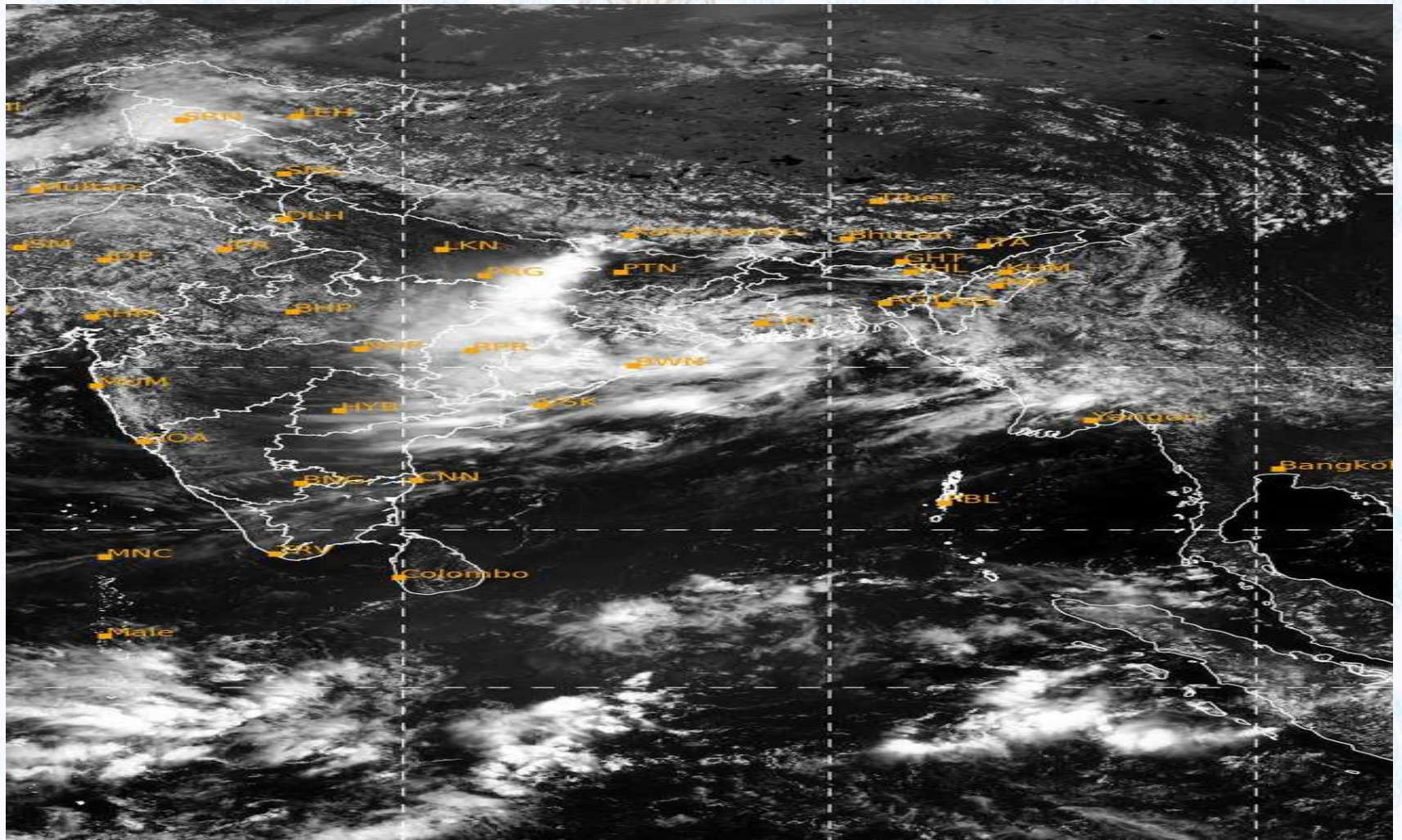


24/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



24/09/2020, 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 24.09.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE TO STRONG OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH / SOUTH-EASTERLY, 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 = 24,0000 UTC. CHATTOGRAM =1003 HPA



Inland River Port Warning **(VALID TILL 06 PM OF 24.09.2020)**

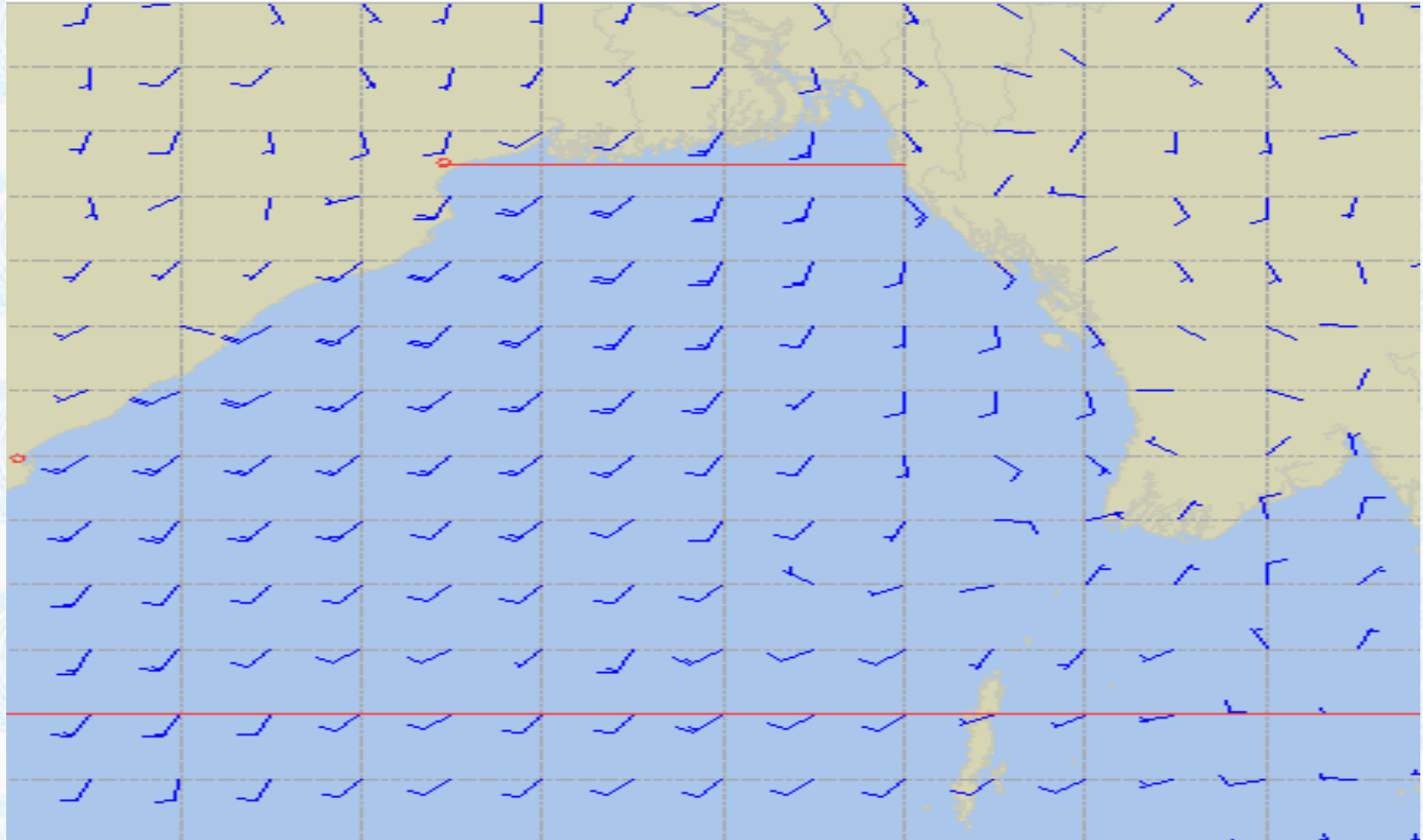
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY S/SE'LY, SQUALLS SPEED 60-80 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. TWO (R) TWO.

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY S/SE'LY, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR ELSEWHERE OVER THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 25 Sep- 2020



Legend:



Calm
Winds



5 Knots



10 Knots



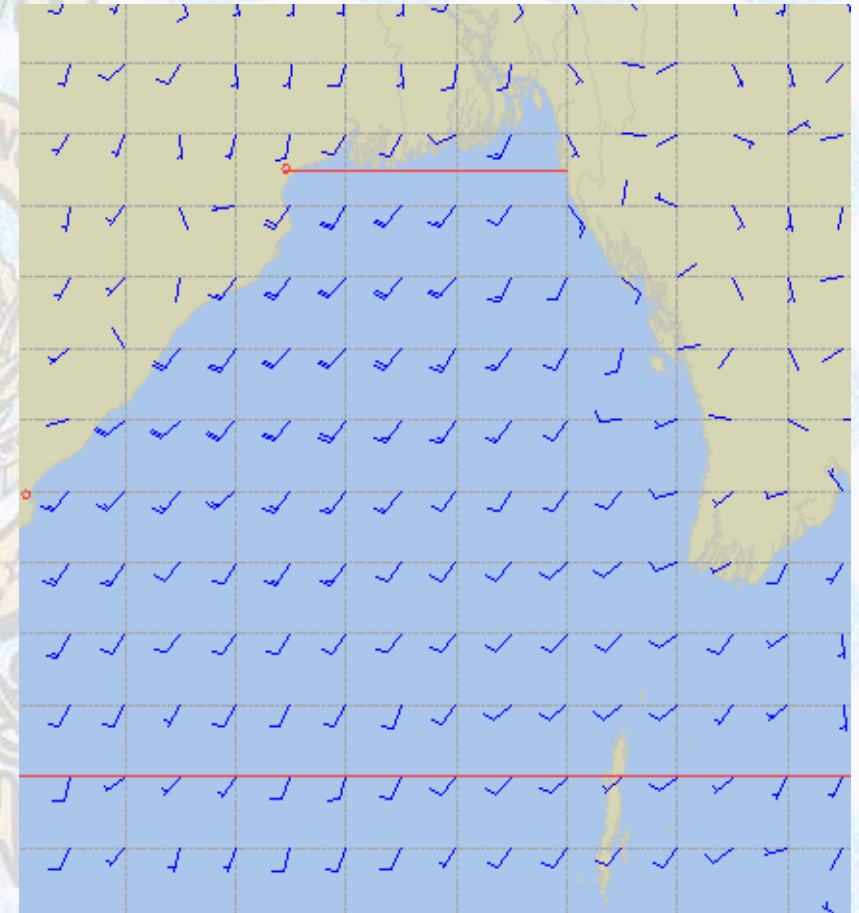
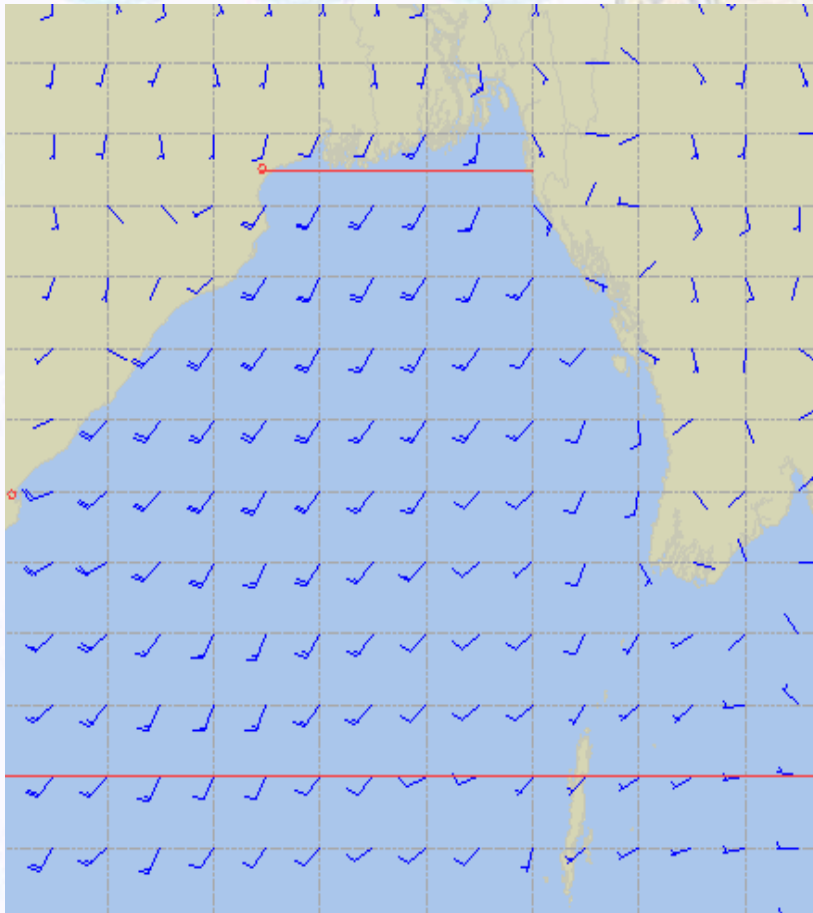
60 Knots



Surface Wind Forecast – 26 & 27 Sep - 2020

26 Sep 20 Saturday

27 Sep 20 Sunday



Legend:



**Calm
Winds**



5 Knots



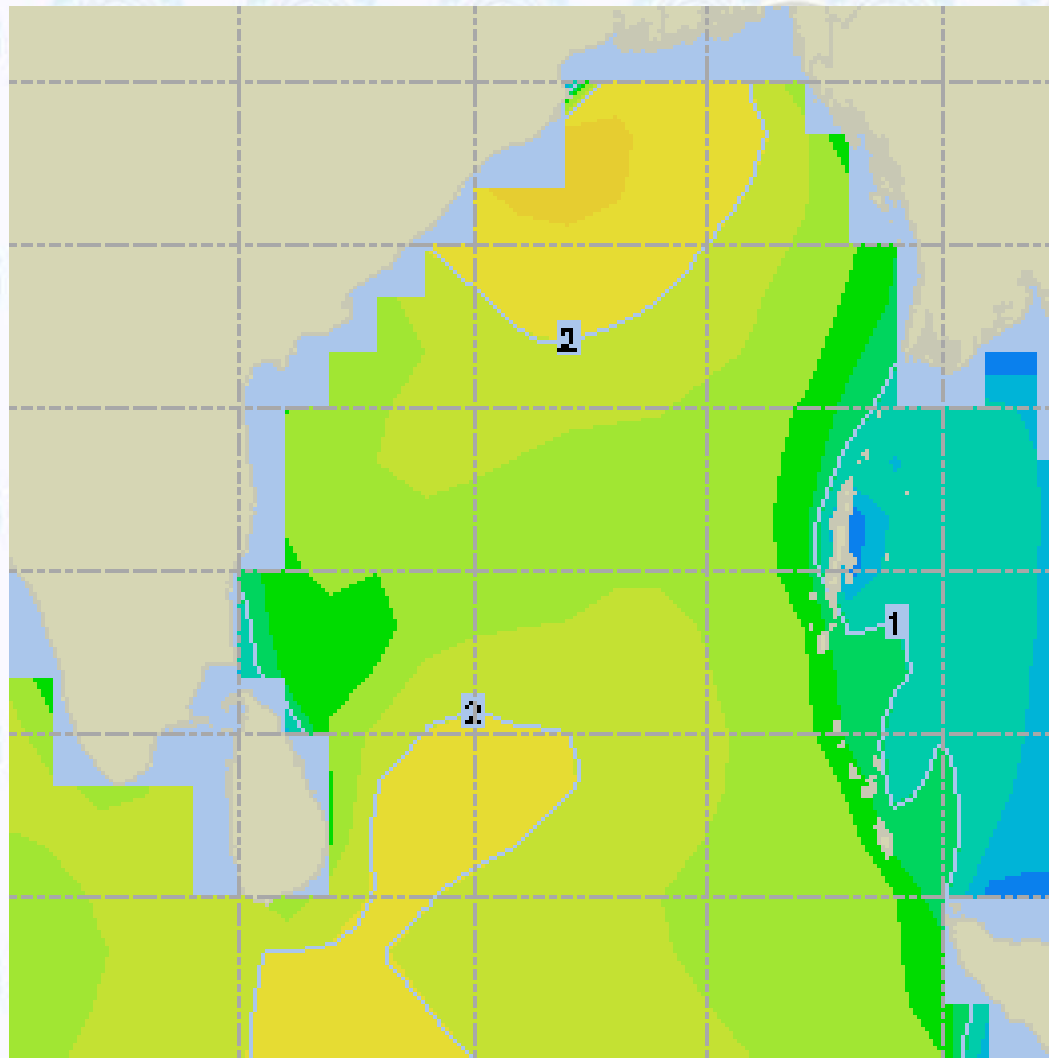
10 Knots



60 Knots



Sea State Forecast – 25 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

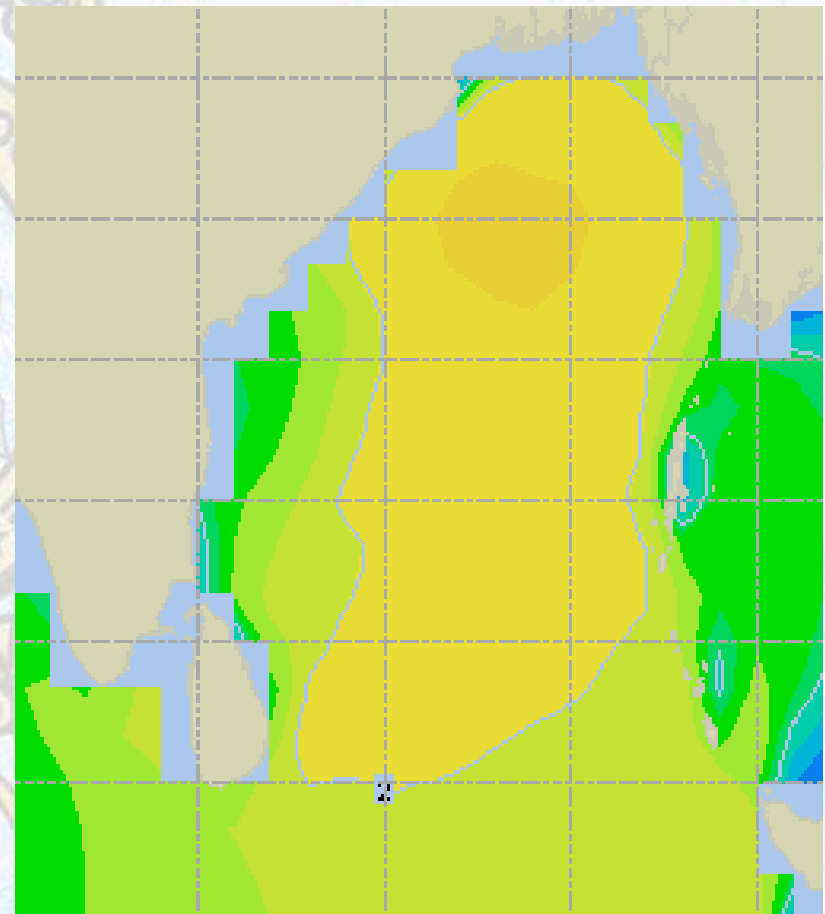
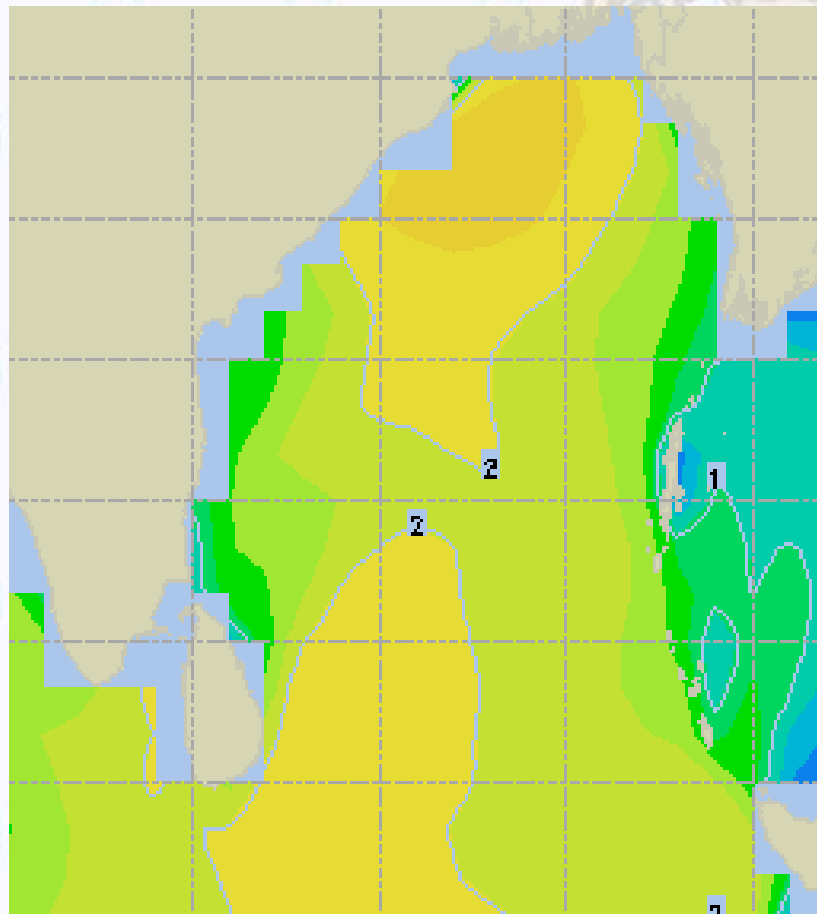




Sea State Forecast – 26 & 27 Sep - 2020

26 Sep 20 Saturday

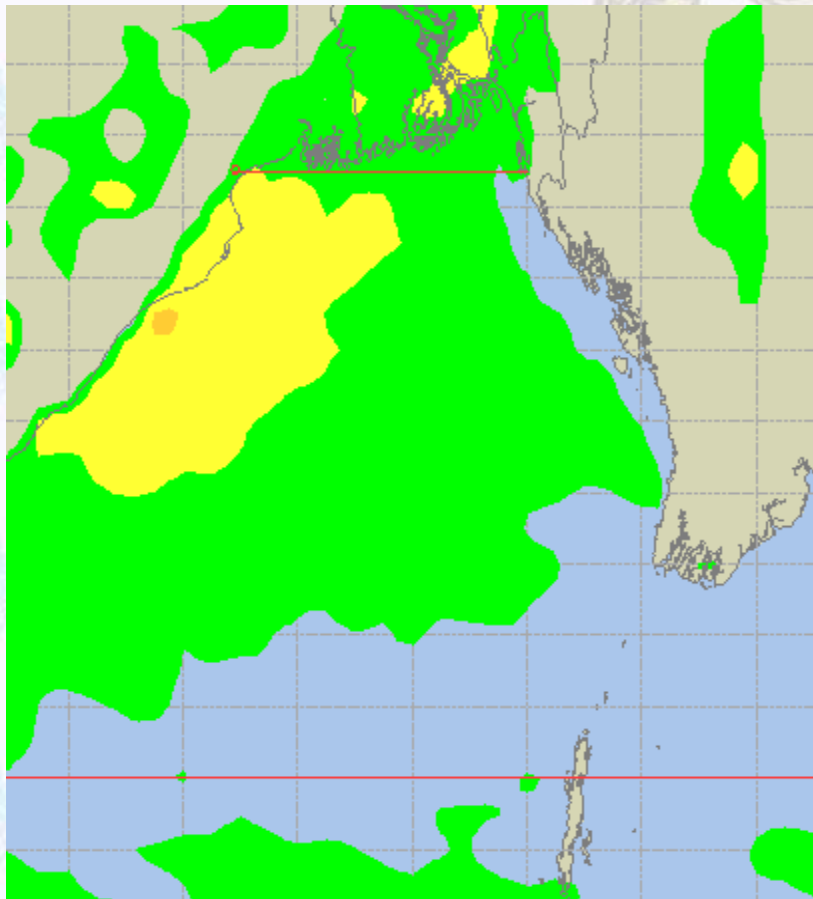
27 Sep 20 Sunday



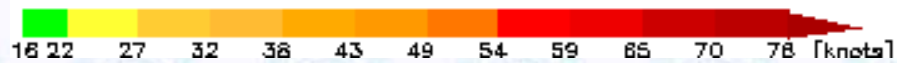
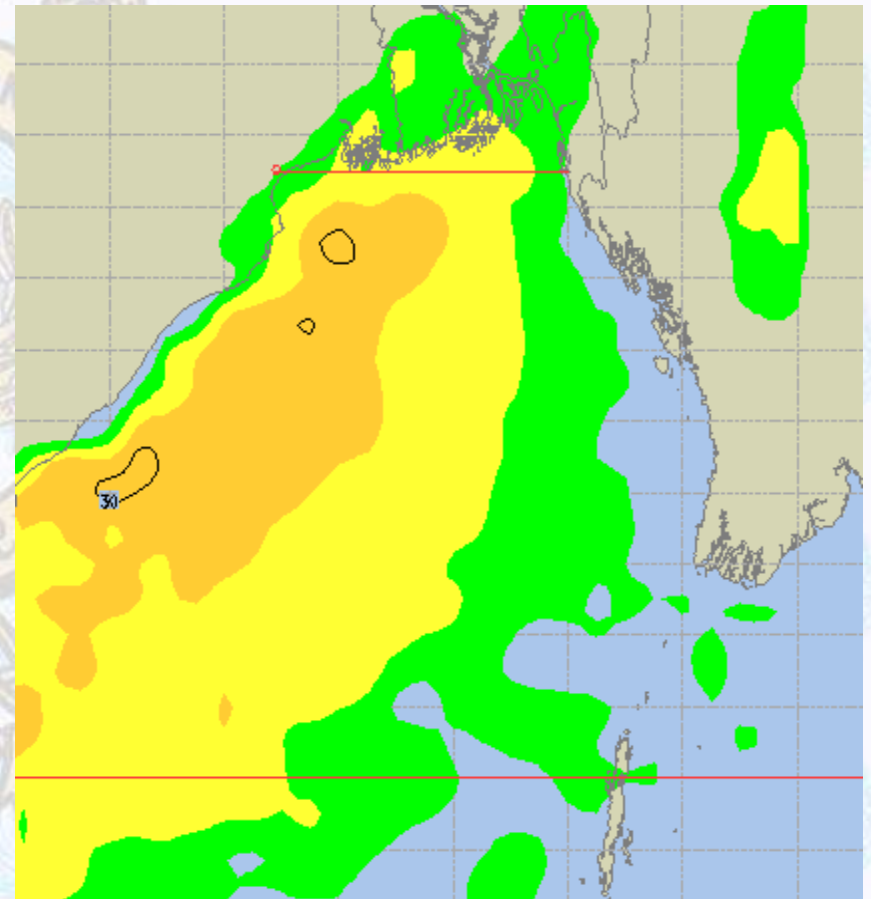


Peak Gusting Possibilities— 25 & 26 Sep 2020

25 Sep 20 Friday



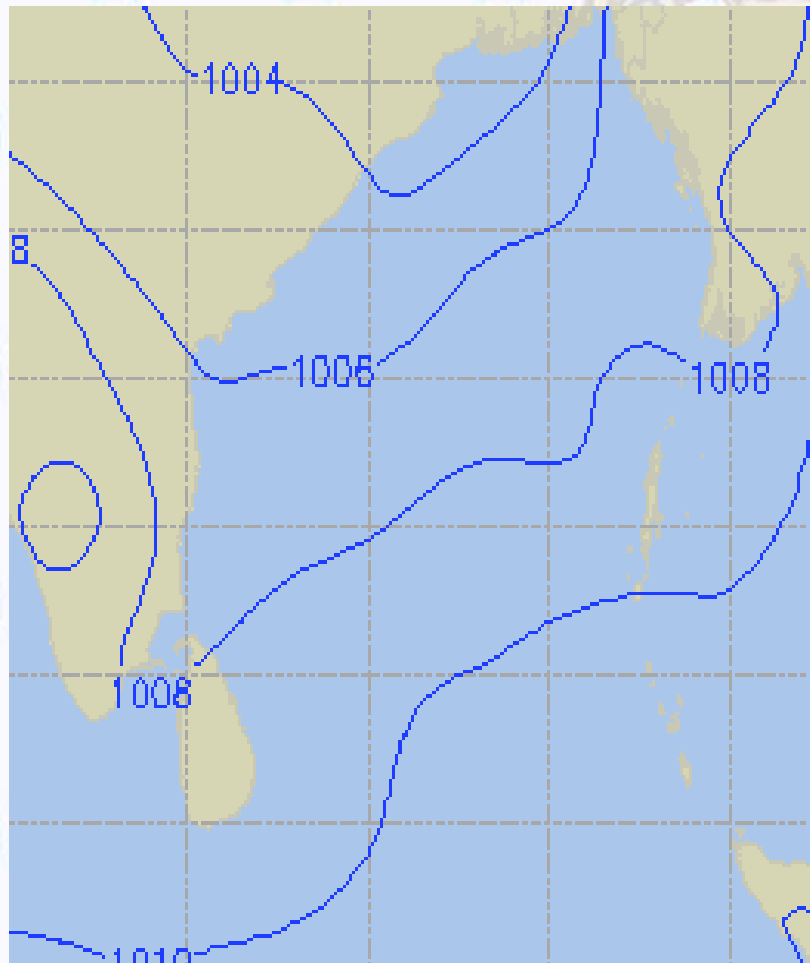
26 Sep 20 Saturday



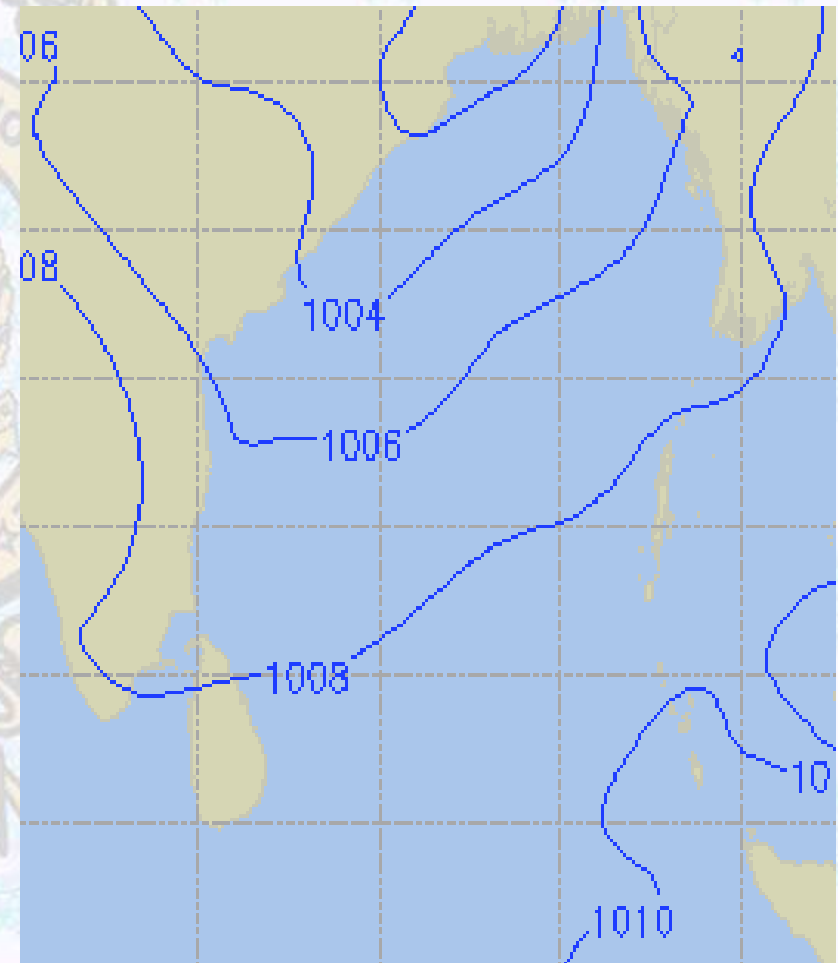


Surface Pressure forecast– 25 & 26 Sep 2020

25 Sep 20 Friday



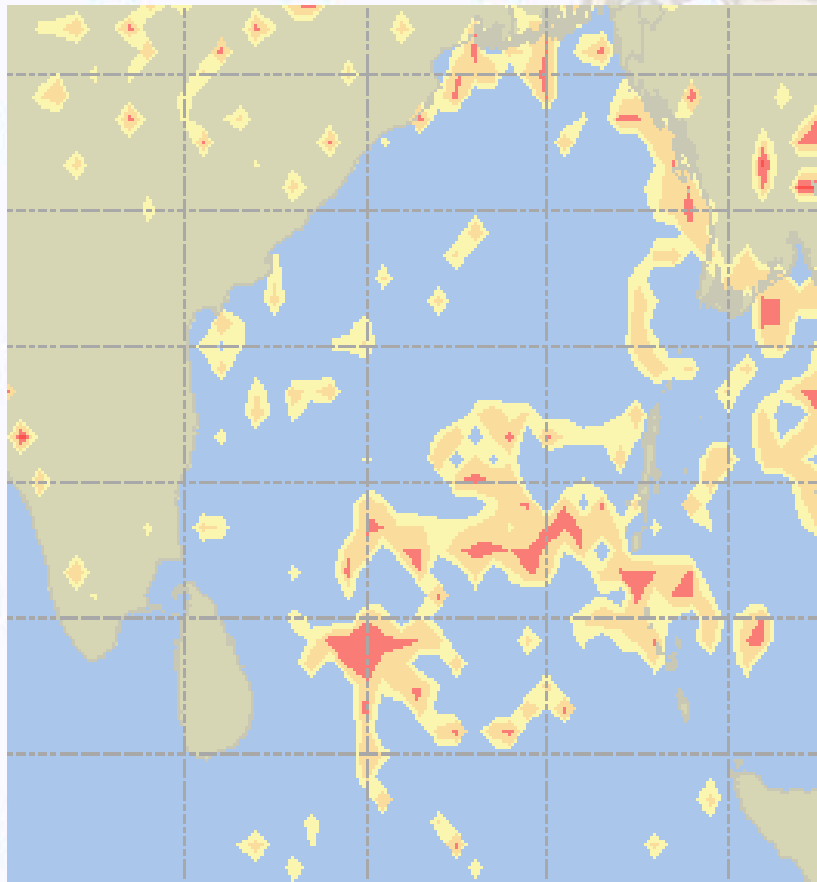
26 Sep 20 Saturday



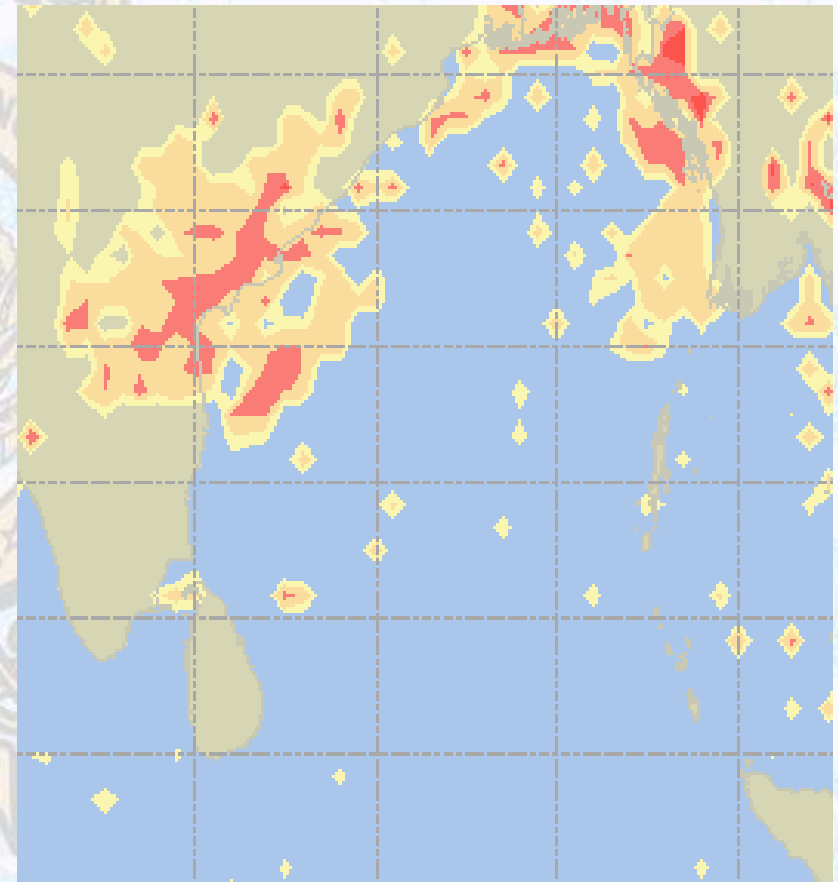


Visibility at Sea Forecast – 25 & 26 Sep 2020

25 Sep 20 Friday



26 Sep 20 Saturday



Visibility Scale:

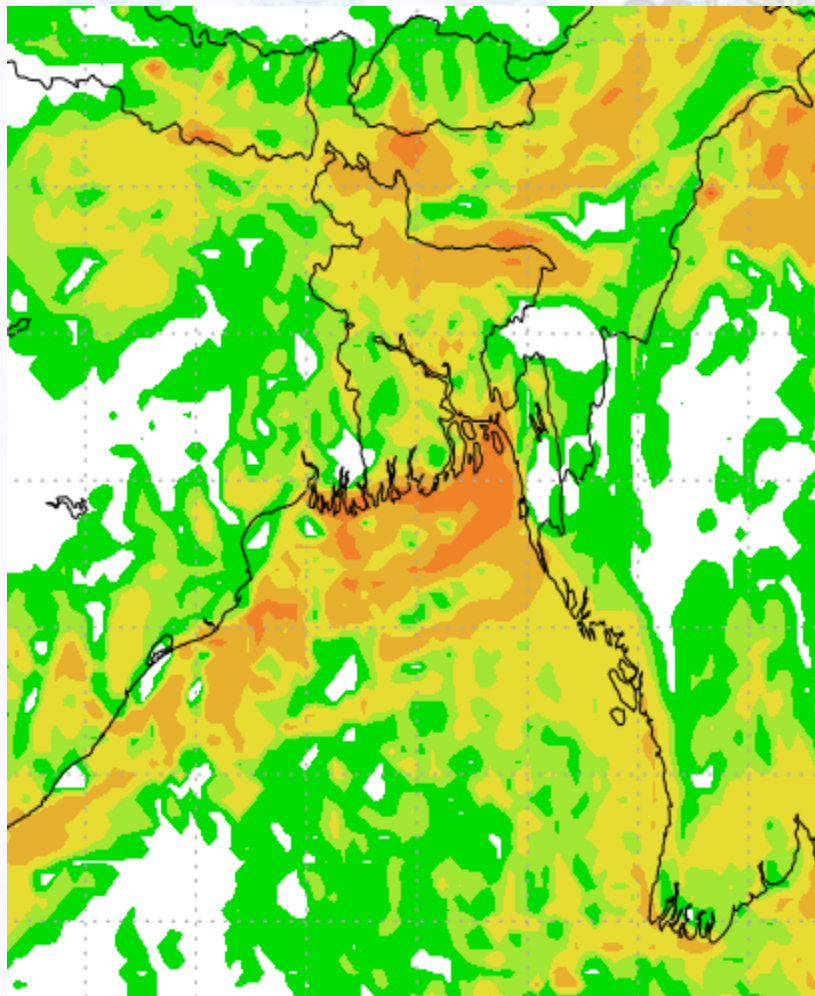


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

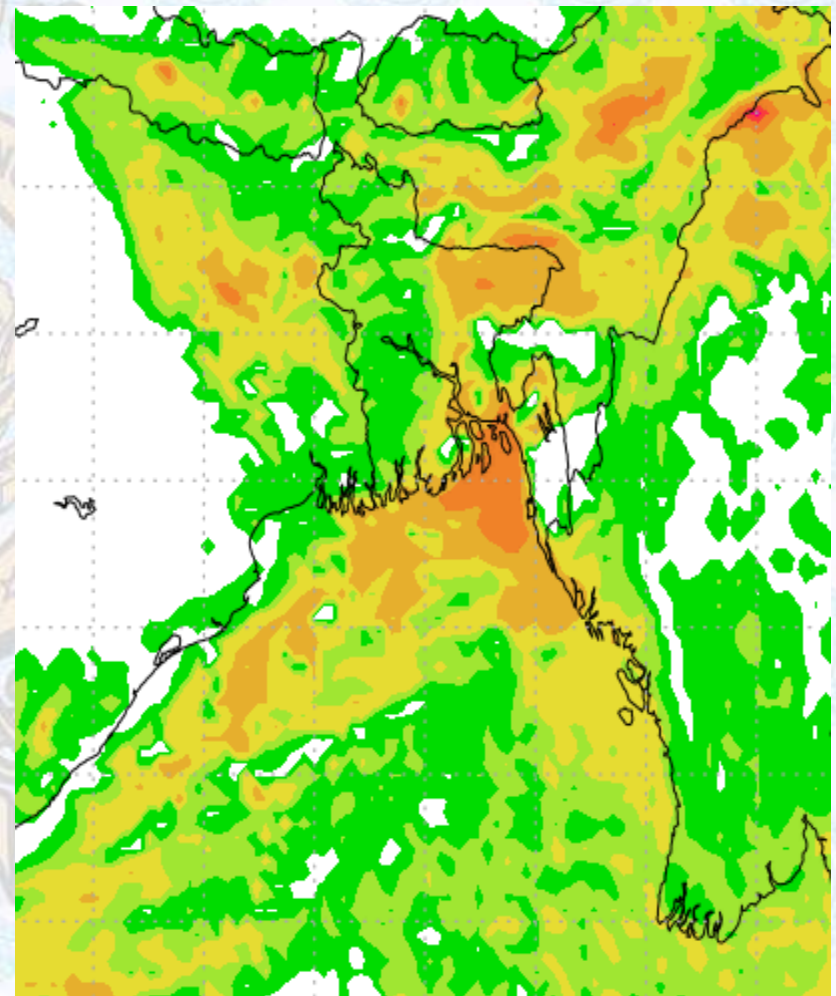


Precipitation

Rain(mm) 25 & 26 Sep 2020



Rain(mm) 26 & 27 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
25 Sep 2020	0057	1.51		0431	2.81		0431	2.66
	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
26 Sep 2020	Time	Height		Time	Height		Time	Height
	0232	1.61		0606	2.75		0630	2.66
	0854	4.22		1300	1.34		1308	1.52
	1534	1.29		1903	2.59		1923	2.47
	2151	4.03		-	-		-	-
27 Sep 2020	Time	Height		Time	Height		Time	Height
	0358	1.46		0125	1.33		0120	1.49
	1010	4.36		0729	2.85		0748	2.79
	1642	1.07		1412	1.23		1415	1.34
	2254	4.31		2010	2.77		2026	2.67