



WEATHER FORECAST FOR BN

25 SEP- 28 SEP 2020





WEATHER FORECAST – DHAKA

25.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 25	29 / 25	28 / 24	28 / 25
Wind	16 km/h SSW	16 km/h S	14 km/h S	13 km/h S
Humidity	79%	79%	81%	82%
Chance of Precip	24%	21%	24%	36%
Cloud Cover	88%	95%	94%	94%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 46 AM 17: 53 PM			

Conditions

Pressure : 1005 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

25.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 26	28 / 26	27 / 26
Wind	21 km/h S	18 km/h S	15 km/h S	15 km/h SSE
Humidity	87%	85%	90%	90%
Chance of Precip.	72%	79%	72%	86%
Cloud Cover	92%	84%	86%	92%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 43 AM 17: 47 PM			

Conditions

Pressure : 1006 hpa

Visibility : 4.02 Km

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



WEATHER FORECAST – KHULNA

25.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30 / 27	28 / 27	28 / 27
Wind	17 km/h SSW	15 km/h S	11 km/h S	11 km/h S
Humidity	87%	88%	92%	92%
Chance of Precip.	30%	16%	32%	39%
Cloud Cover	94%	94%	90%	91%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 52 AM 17: 56 PM			

Conditions

Pressure : 1004 hpa

Visibility : 12.87 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	26 Sep 2020	27 Sep 2020	28 Sep 2020
Temperature (C)	29 °C/ 26 °C	31 °C/ 26 °C	32 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h48m42s/17h50m12s	5h48m48s/17h49m12s	5h49m00s/17h48m18s
Day Length	12h01m30s	12h00m24s	11h59m18s
Moon Rise/ Set	2:36PM 12:37AM	3:22 PM 1:35 AM	4:03 PM 2:31 AM
Moon Phase/ illu	Waxing Gibbous, 70%	Waxing Gibbous, 79%	Waxing Gibbous, 87%
NauticalTwilight	04:59, 18:39	04:59, 18:38	05:00, 18:37
Civil Twilight	05:25, 18:13	05:26, 18:12	05:26, 18:11
Humidity	D : 83% N : 86%	D : 80% N : 86%	D : 76% N : 85%
Barometer (mb)	1004	1004	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	70%	50%	40%
Wind (mph)	18 Km/h S	15 Km/h SSE	12 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	26 Sep 2020	27 Sep 2020	28 Sep 2020
Temperature (C)	30 °C/ 26 °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	5h42m48s/17h44m42s	5h43m00s/17h43m48s	5h43m06s/17h43m00s
Day Length	12h01m54s	12h00m48s	11h59m54s
Moon Rise/ Set	2:27PM 12:35AM	3:14 PM 1:32 AM	3:55 PM 2:27 AM
Moon Phase/ illu	Waxing Gibbous, 70%	Waxing Gibbous, 79%	Waxing Gibbous, 87%
NauticalTwilight	04:54, 18:33	04:54, 18:32	04:54, 18:31
Civil Twilight	05:20, 18:07	05:20, 18:06	05:20, 18:05
Humidity	D : 84% N : 91%	D : 85% N : 90%	D : 81% N : 90%
Barometer (mb)	1006	1006	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	60%	80%	40%
Wind (mph)	9 Km/h S	5 Km/h SSW	4 Km/h WNW

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



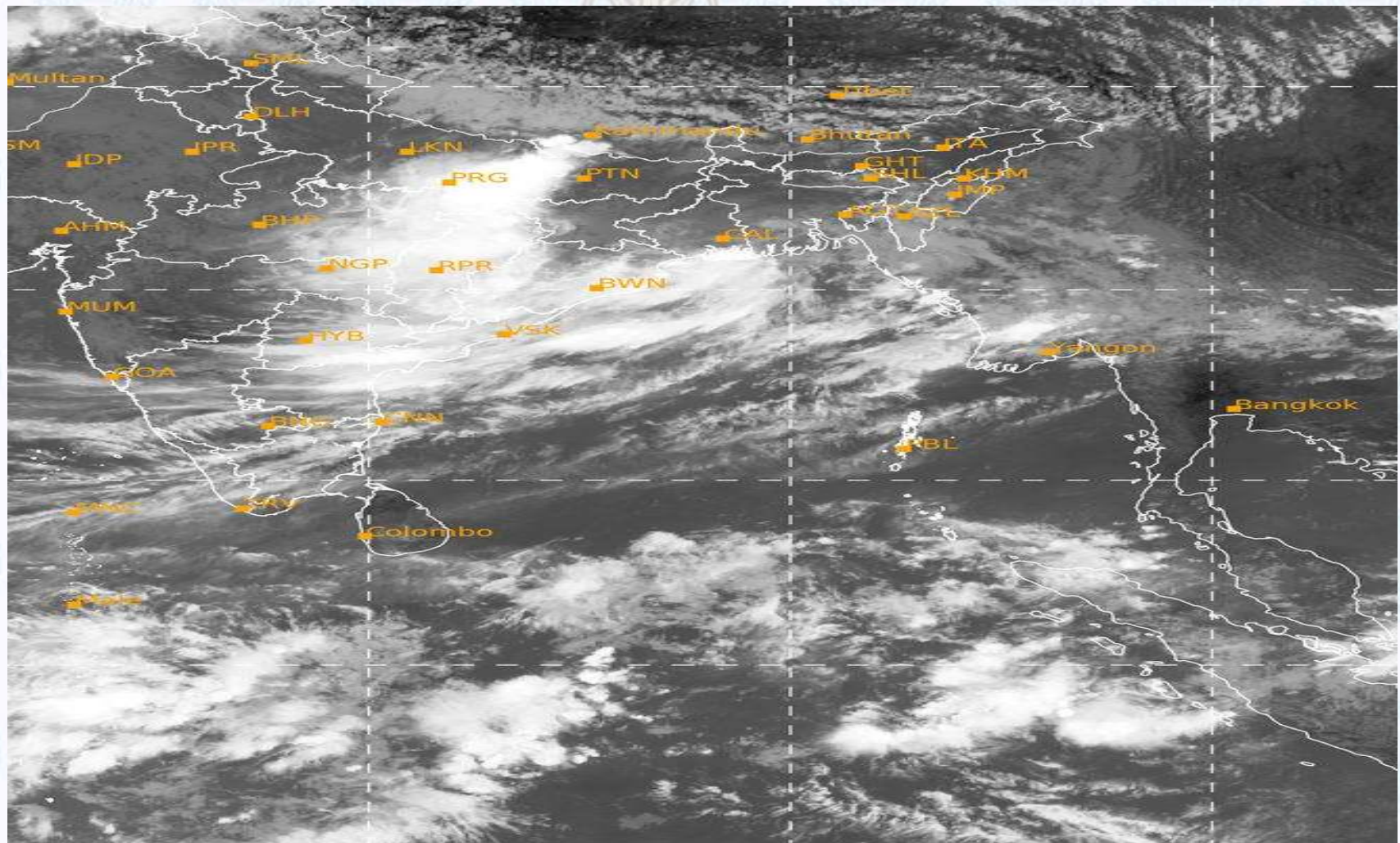
GENERAL WEATHER FORECAST – KHULNA

Description	26 Sep 2020	27 Sep 2020	28 Sep 2020
Temperature(C)	30°C/ 27°C	31°C/ 26°C	32°C/ 26°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h52m00s/17h53m48s	5h52m06s/17h52m48s	5h52m18s/17h52m00s
Day Length	12h01m48s	12h00m42s	11h59m42s
Moon Rise/Set	2:38 PM 12:43 PM	3:24 PM 1:40 PM	4:05 PM 2:36 PM
Moon Phase/illu	Waxing Gibbous, 70%	Waxing Gibbous, 79%	Waxing Gibbous, 87%
Nautical Twilight	05:03, 18:42	05:03, 18:41	05:03, 18:40
Civil Twilight	05:29, 18:16	05:29, 18:15	05:30, 18:14
Humidity	D : 86% N : 90%	D : 84% N : 90%	D : 84% N : 90%
Barometer (mb)	1003	1004	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	70%
Wind (mph)	15 km/h S	12 km/h S	8 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL

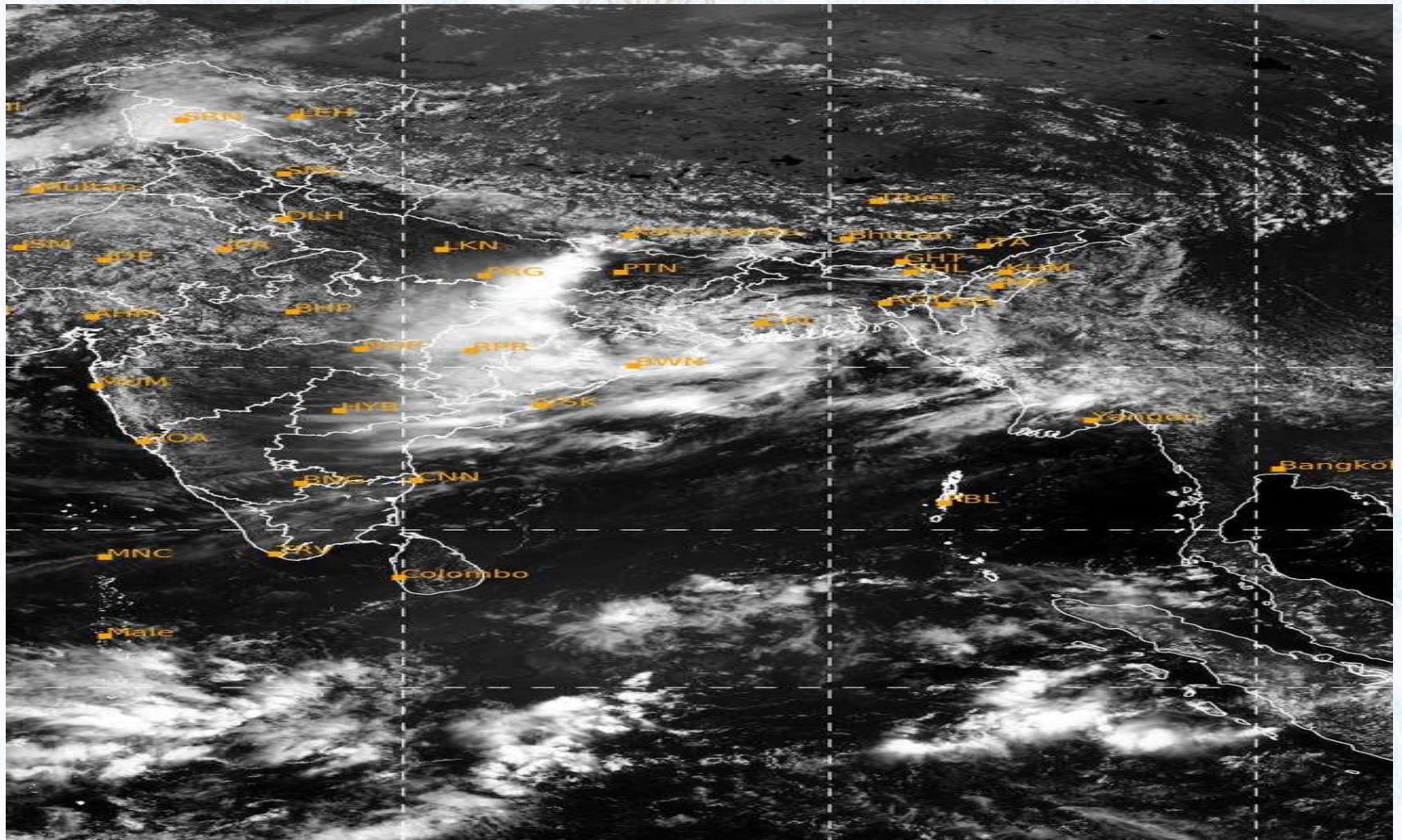


25/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



25/09/2020, 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 25.09.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	TROUGH OF LOW LES OVER NORTH BAY . MONSOON IS STRONG OVER NORTH BAY. DEEP CONVECTION IS TAKING PLACES 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 2000 METER OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 25,0000 UTC. CHATTOGRAM =1006 HPA



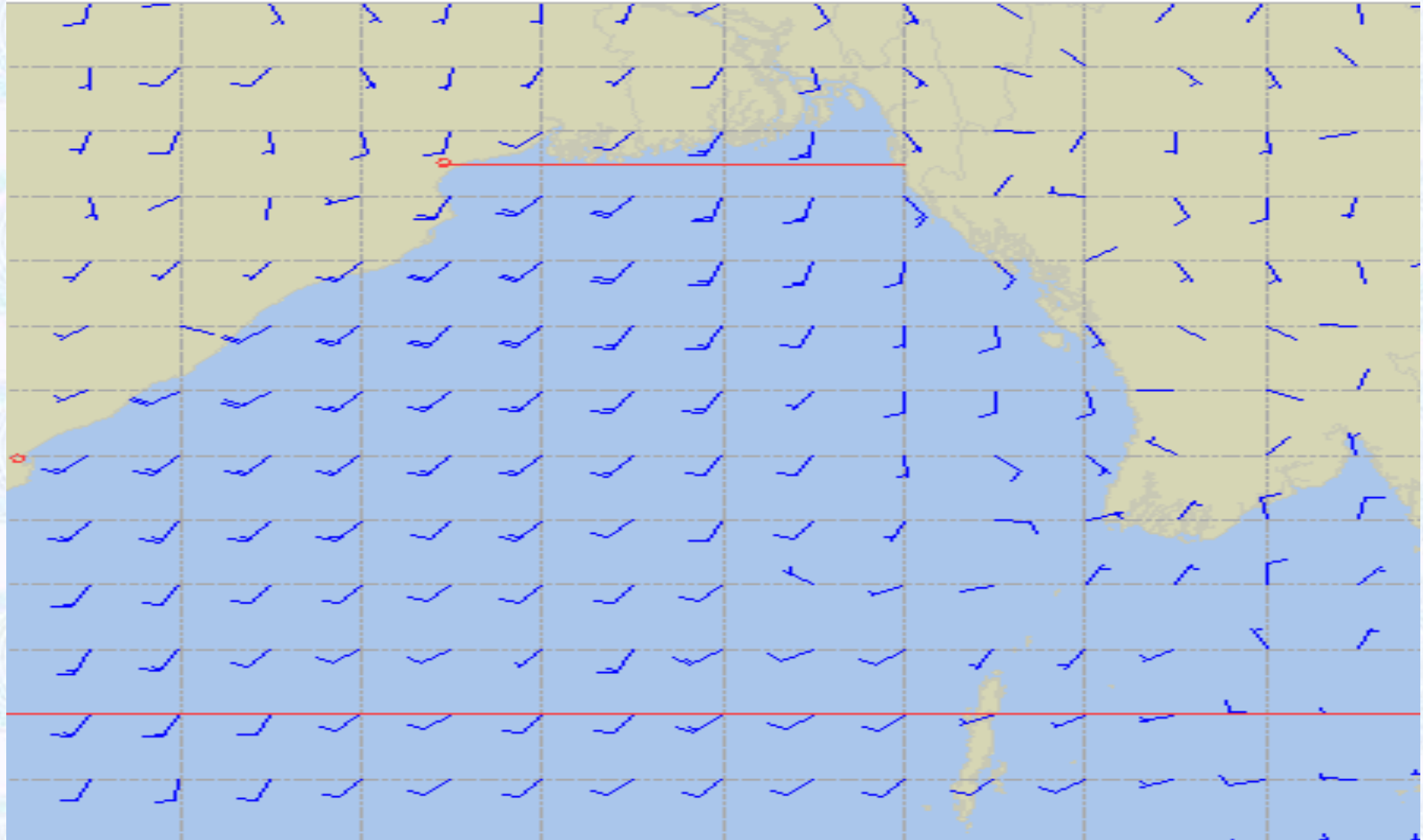
Inland River Port Warning **(VALID TILL 06 PM OF 25.09.2020)**

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, RAJSHAHI, BOGURA, PABNA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, KUSHTIA, JASHORE, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR & SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



Surface Wind Forecast- 26 Sep- 2020



Legend:



Calm
Winds



5 Knots



10 Knots



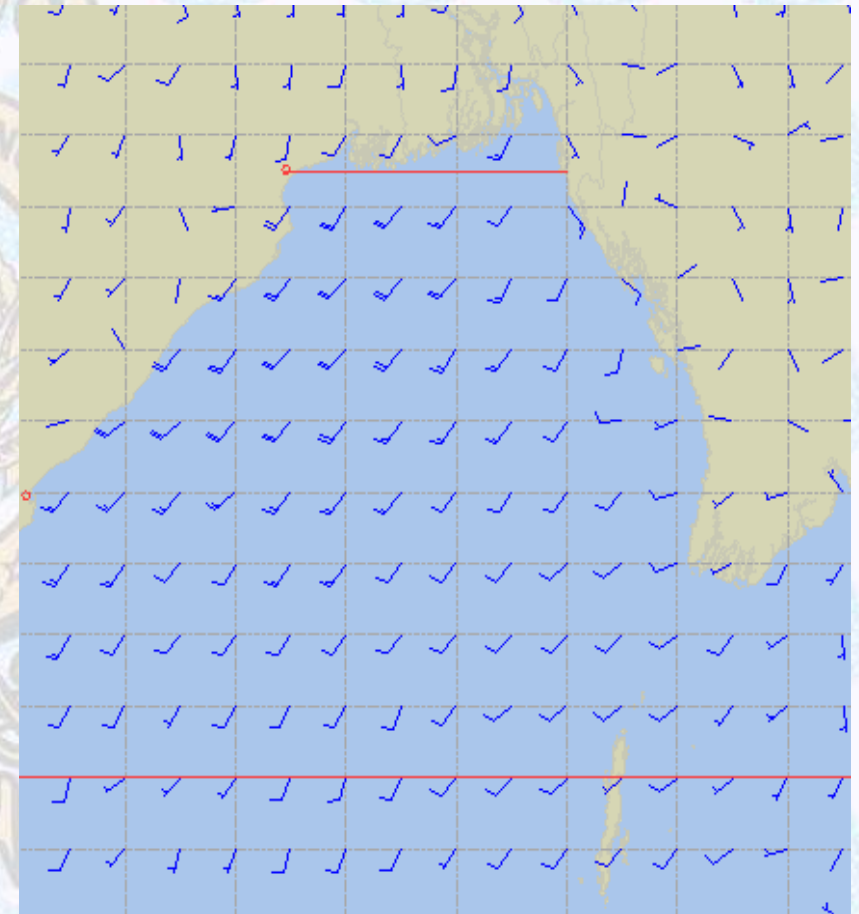
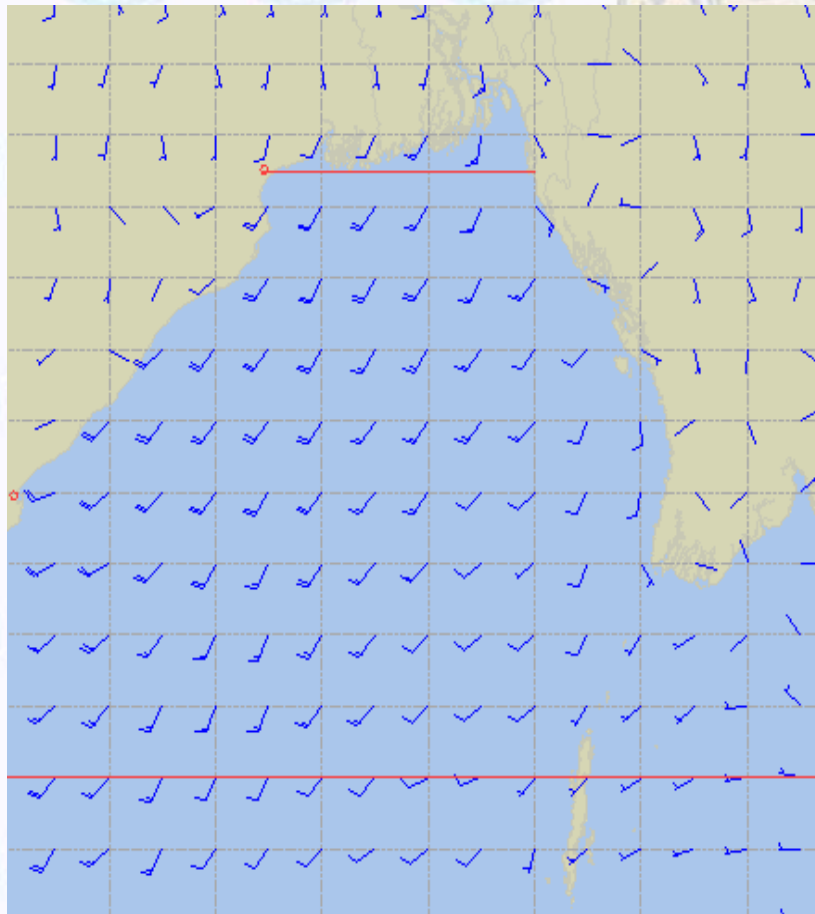
60 Knots



Surface Wind Forecast – 27 & 28 Sep - 2020

27 Sep 20 Sunday

28 Sep 20 Monday



Legend:



**Calm
Winds**



5 Knots



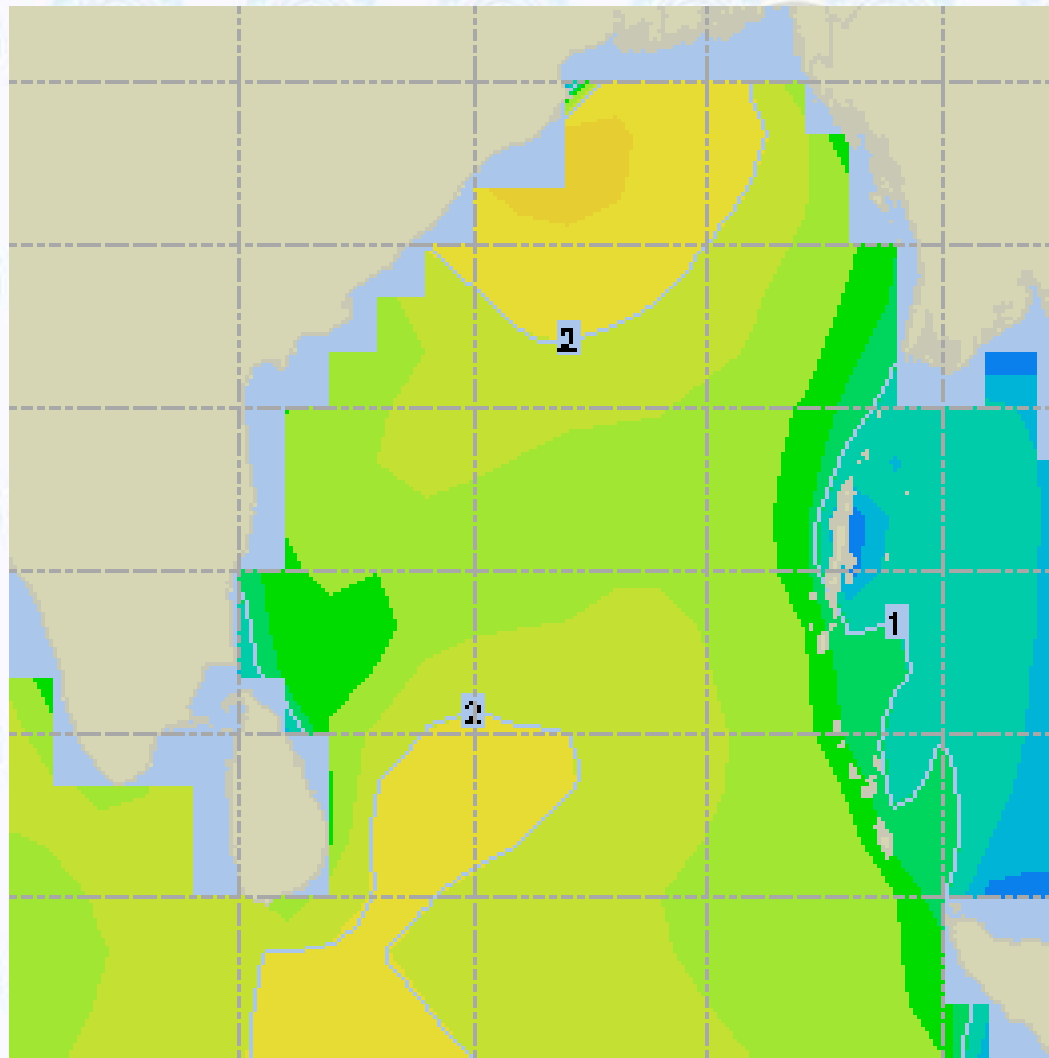
10 Knots



60 Knots



Sea State Forecast – 26 Sep- 2020



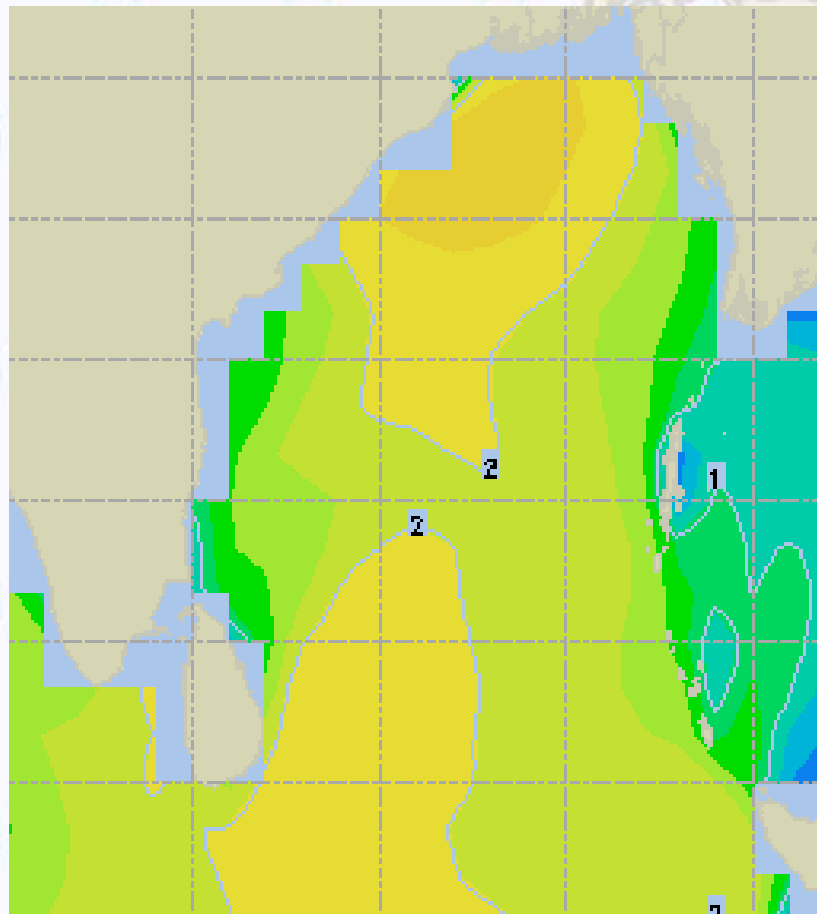
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



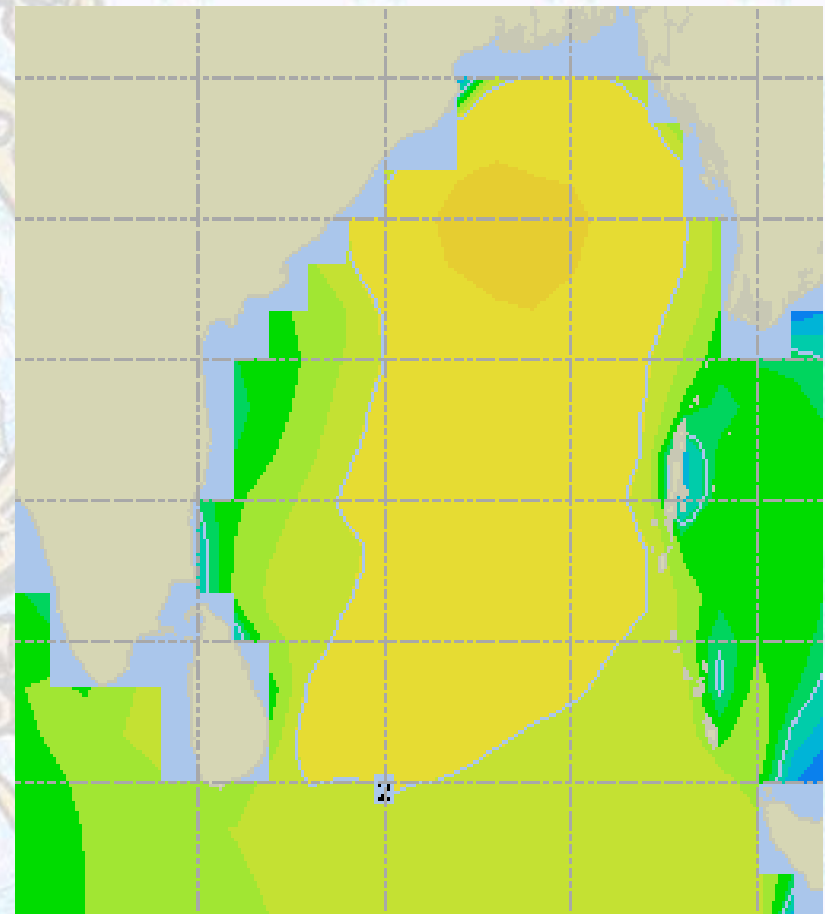


Sea State Forecast – 27 & 28 Sep - 2020

27 Sep 20 Sunday



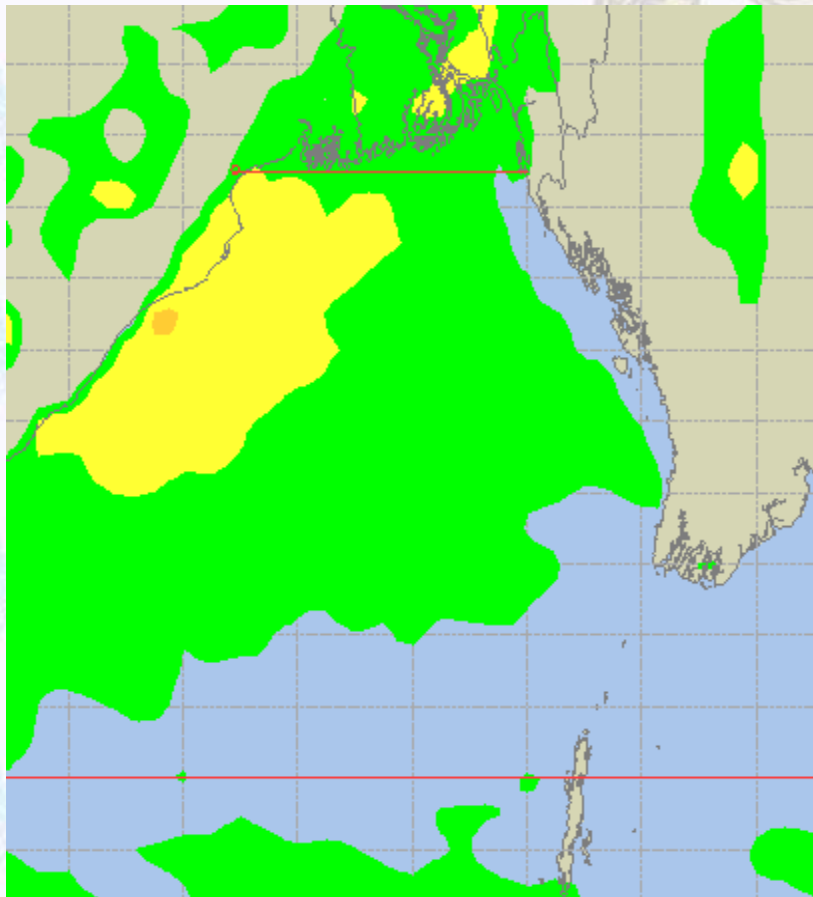
28 Sep 20 Monday



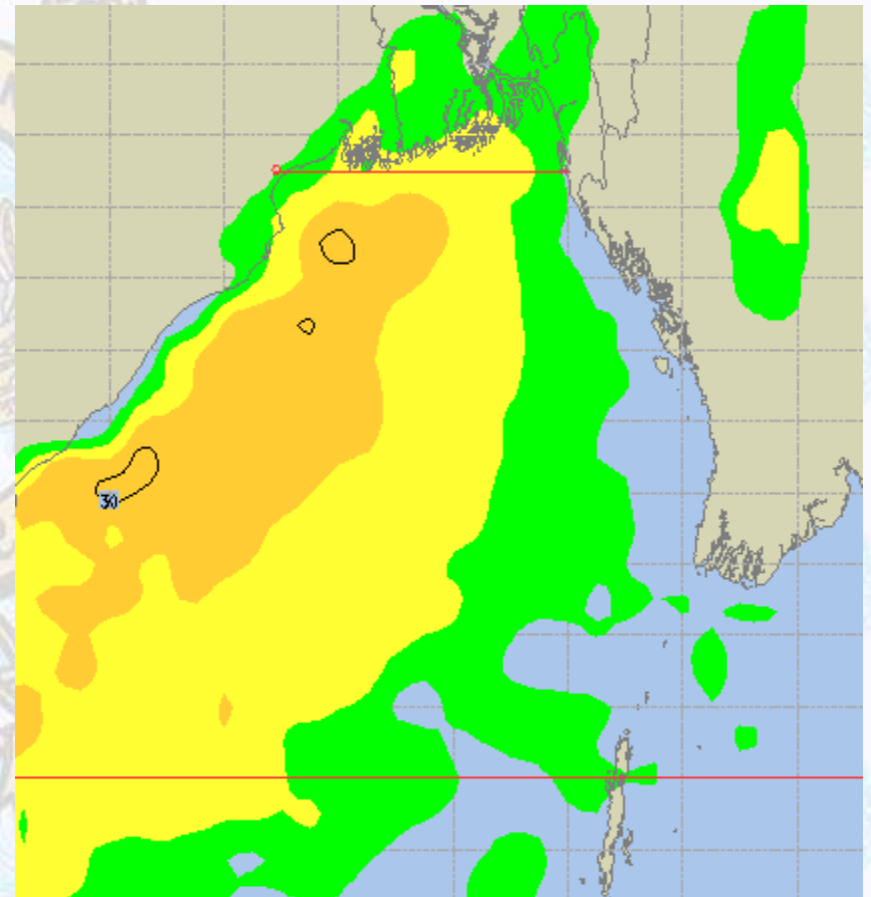


Peak Gusting Possibilities— 26 & 27 Sep 2020

26 Sep 20 Saturday



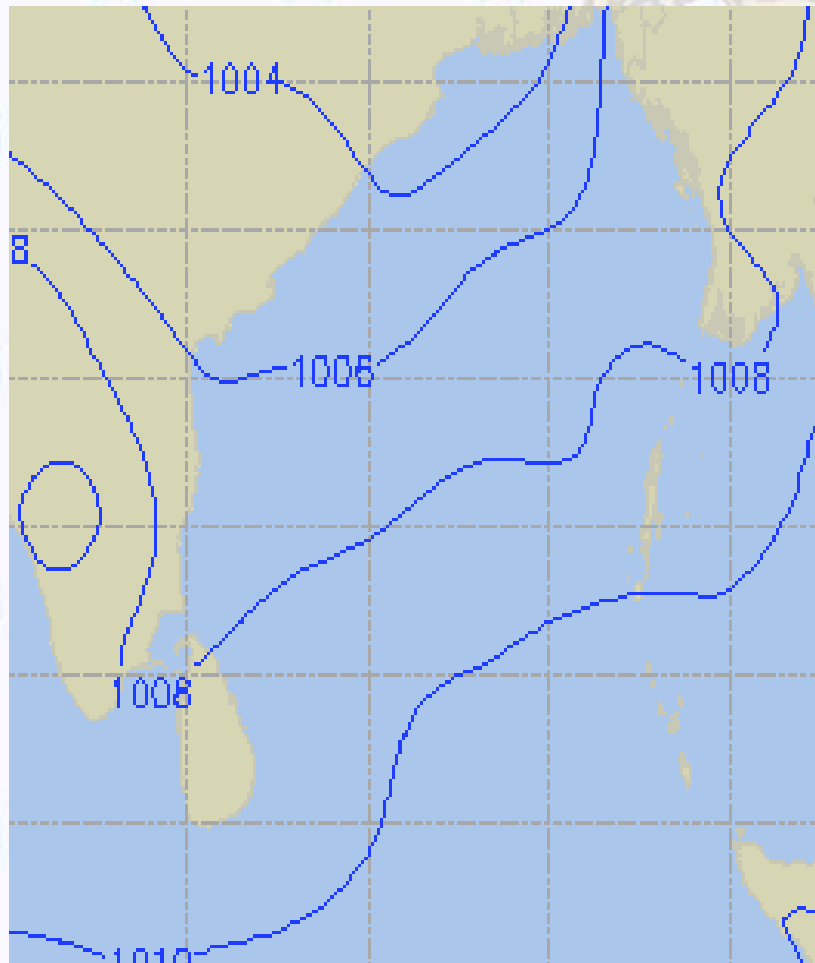
27 Sep 20 Sunday



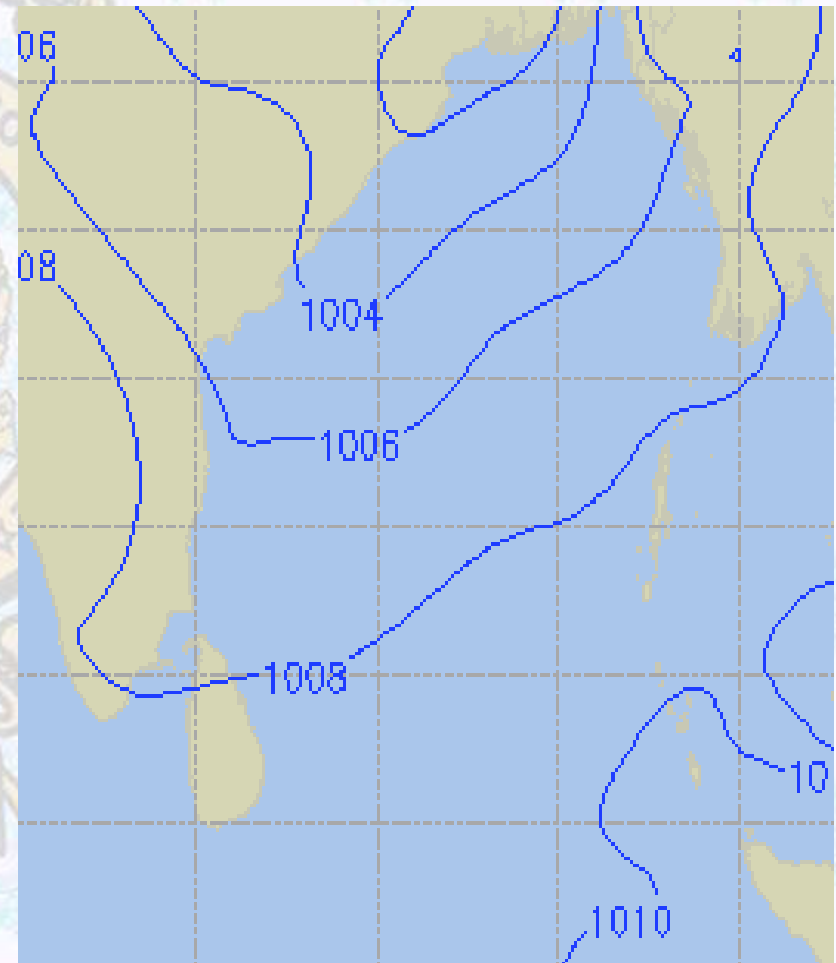


Surface Pressure forecast– 26 & 27 Sep 2020

26 Sep 20 Saturday



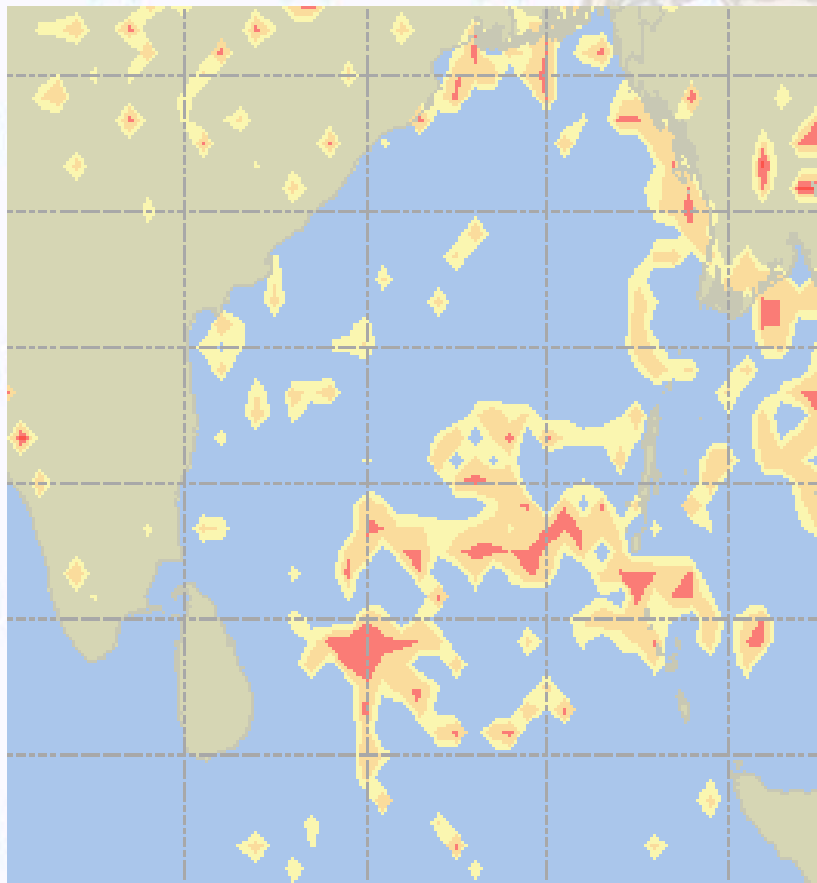
27 Sep 20 Sunday



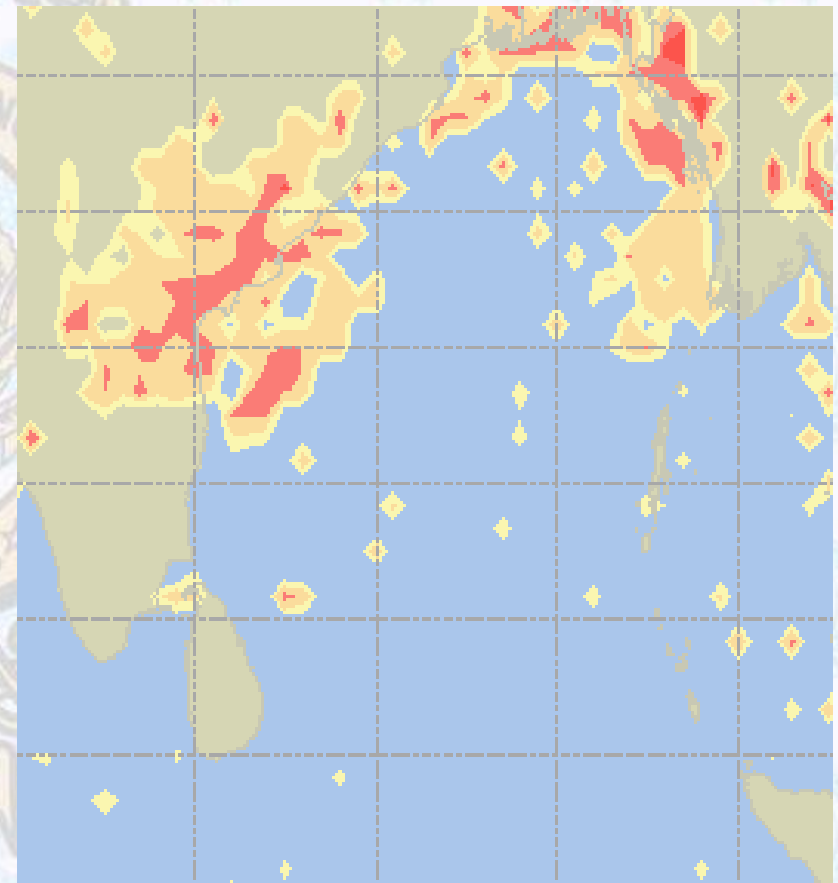


Visibility at Sea Forecast – 26 & 27 Sep 2020

26 Sep 20 Saturday



27 Sep 20 Sunday



Visibility Scale:

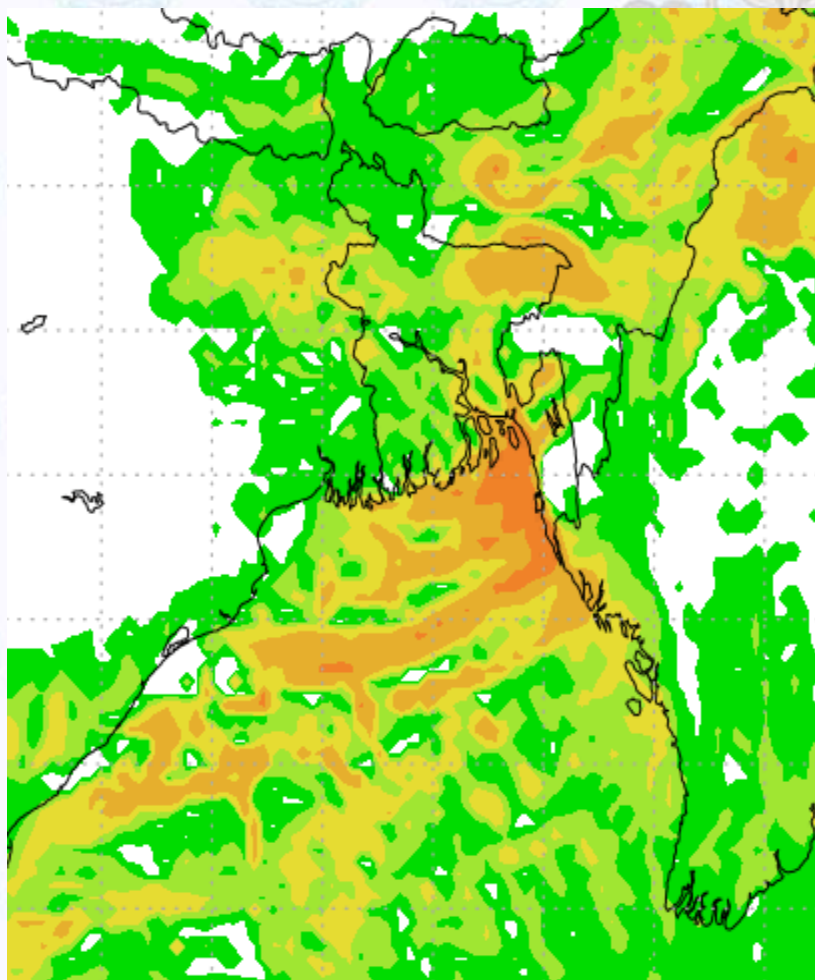


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

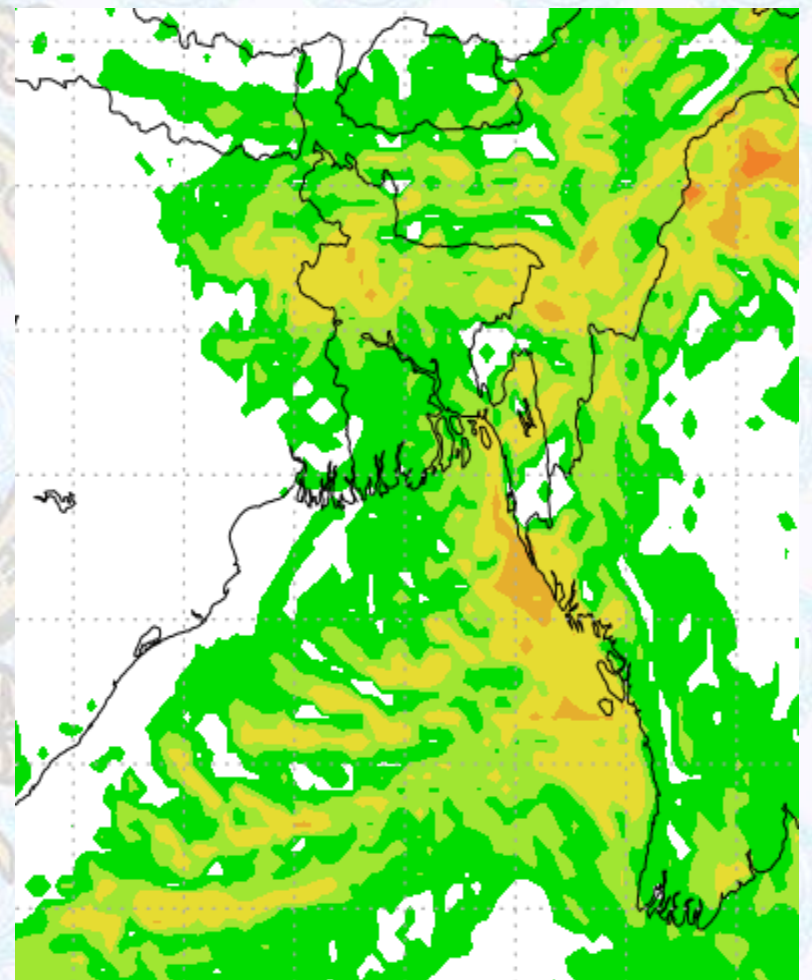


Precipitation

Rain(mm) 26 & 27 Sep 2020



Rain(mm) 27 & 28 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
26 Sep 2020	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
28 Sep 2020	Time	Height		Time	Height		Time	Height
	0503	1.20		0234	1.21		0225	1.32
	1106	4.57		0827	3.02		0840	2.93
	1735	0.87		1506	1.10		1502	1.17
	2340	4.60		2057	3.00		2109	2.87