



WEATHER FORECAST FOR BN

10 SEP- 13 SEP 2020





WEATHER FORECAST – DHAKA

10.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	31 / 26	29 / 25	29 / 26
Wind	11 km/h S	12 km/h S	9 km/h S	9 km/h S
Humidity	74%	72%	80%	82%
Chance of Precip	17%	16%	1%	24%
Cloud Cover	86%	77%	78%	84%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 44 AM 18: 09 PM			

Conditions

Pressure : 1002 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

10.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	30 / 26	28 / 26	28 / 26
Wind	14 km/h SSW	13 km/h SSW	9 km/h S	11 km/h SSE
Humidity	75%	78%	89%	90%
Chance of Precip.	16%	14%	45%	72%
Cloud Cover	80%	83%	71%	82%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 39 AM 18: 02 PM			

Conditions

Pressure : 1003 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

10.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 28	29 / 27	28 / 27
Wind	6 km/h S	8 km/h S	8 km/h S	6 km/h S
Humidity	80%	82%	90%	92%
Chance of Precip.	20%	19%	14%	24%
Cloud Cover	82%	76%	73%	75%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 49 AM 18: 12 PM			

Conditions

Pressure : 1001 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	11 Sep 2020	12 Sep 2020	13 Sep 2020
Temperature (C)	33 °C/ 27 °C	33 °C/ 27 °C	33 °C/ 27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h43m00s/18h08m00s	5h43m18s/18h06m54s	5h43m42s/18h05m48s
Day Length	12h25m00s	12h23m36s	12h22m06s
Moon Rise/ Set	-	12:11AM 2:12 PM	1:07AM 3:06 PM
Moon Phase/ illu	Waning Crescent 97%	Waning Crescent 28%	Waning Crescent 18%
NauticalTwilight	04:54, 18:55	04:54, 18:54	04:54, 18:53
Civil Twilight	05:20, 18:28	05:21, 18:27	05:21, 18:26
Humidity	D : 73% N : 83%	D : 71% N : 82%	D : 72% N : 82%
Barometer (mb)	1003	1006	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	50%	50%
Wind (mph)	12 Km/h S	10 Km/h SSE	10 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	11 Sep 2020	12 Sep 2020	13 Sep 2020
Temperature (C)	31 °C/ 26 °C	32 °C/ 26 °C	32 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h38m24s/17h59m30s	5h38m48s/17h58m30s	5h39m00s/17h57m24s
Day Length	12h21m06s	12h19m42s	12h18m24s
Moon Rise/ Set	-	12:08AM 2:03 PM	1:04AM 2:57 PM
Moon Phase/ illu	Waning Crescent 97%	Waning Crescent 28%	Waning Crescent 18%
NauticalTwilight	04:49, 18:48	04:50, 18:47	04:50, 18:46
Civil Twilight	05:15, 18:22	05:16, 18:21	05:16, 18:20
Humidity	D : 81% N : 91%	D : 80% N : 92%	D : 81% N : 91%
Barometer (mb)	1005	1007	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	40%	50%	80%
Wind (mph)	11 Km/h S	9 Km/h SSW	10 Km/h S

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



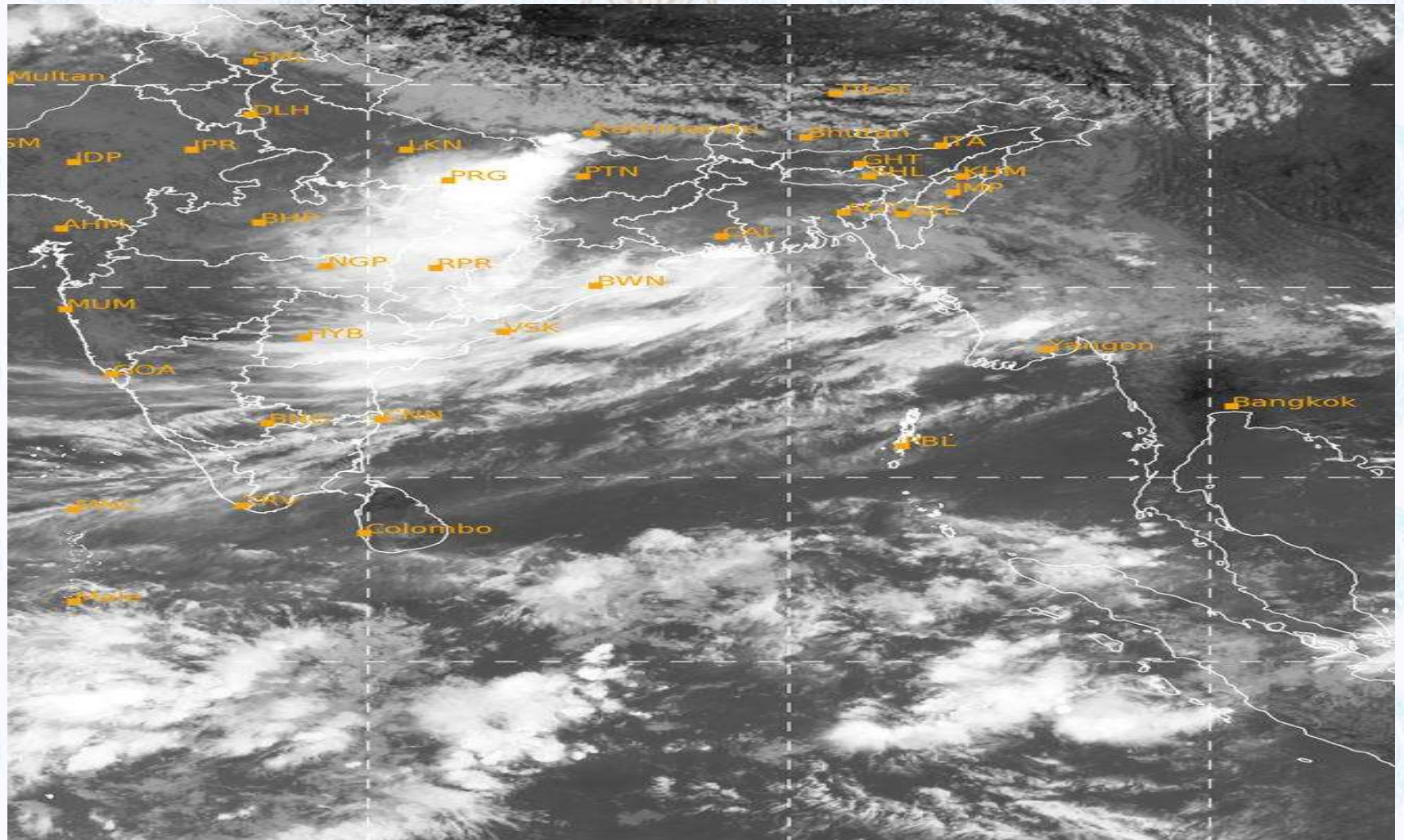
GENERAL WEATHER FORECAST – KHULNA

Description	11 Sep 2020	12 Sep 2020	13 Sep 2020
Temperature(C)	32°C/ 27°C	34°C/ 27°C	33°C/ 27°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h46m48s/18h11m00s	5h47m06s/18h09m54s	5h47m24s/18h08m48s
Day Length	12h24m12s	12h22m48s	12h21m24s
Moon Rise/Set	-	12:18AM 2:14 PM	1:14AM 3:08 PM
Moon Phase/illu	Waning Crescent 97%	Waning Crescent 28%	Waning Crescent 18%
Nautical Twilight	04:58, 18:57	04:58, 18:56	04:59, 18:55
Civil Twilight	05:24, 18:31	05:25, 18:30	05:25, 18:29
Humidity	D : 78% N : 87%	D : 75% N : 86%	D : 76% N : 86%
Barometer (mb)	1003	1005	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	30%	80%
Wind (mph)	12 km/h S	10 km/h SSE	13 km/h SE

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



SATELLITE VIEW OF BAY OF BENGAL

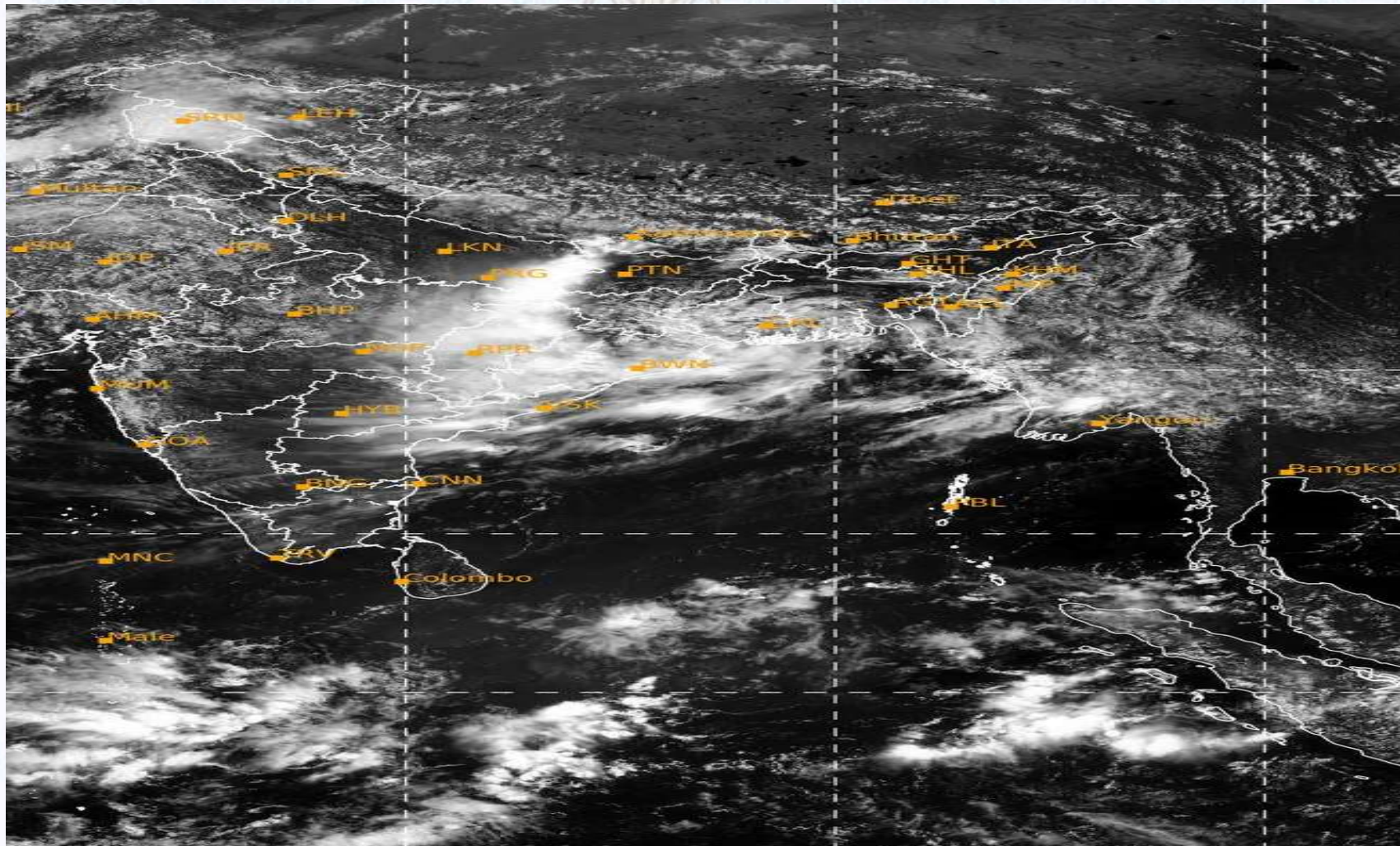


10/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



10/09/2020, 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 10.09.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK TO MODERATE OVER NORTH BAY.	
Part Three	Weather	TEMPORRY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY 08-12 KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 10,000 UTC. CHATTOGRAM =1005 HPA



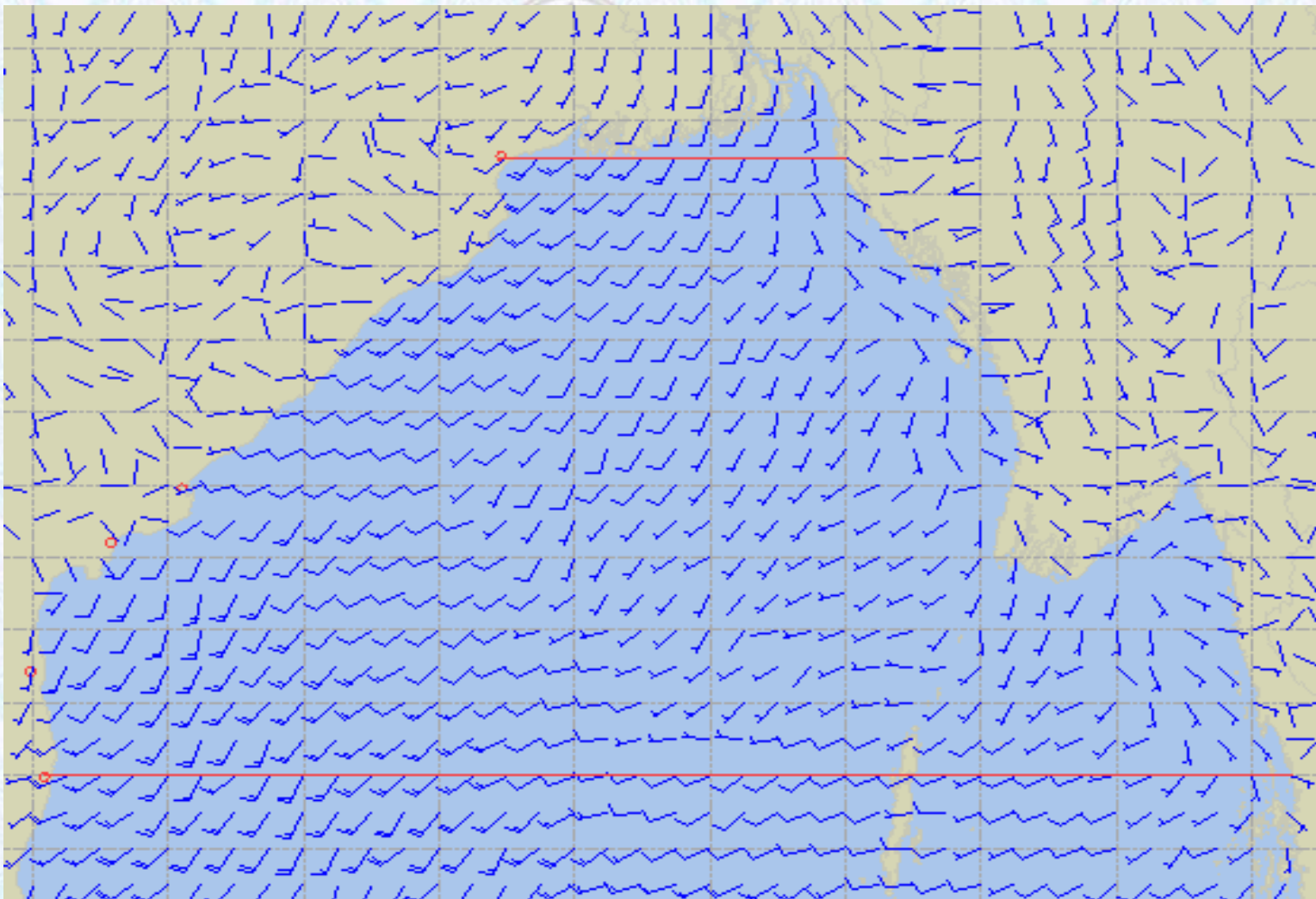
Inland River Port Warning **(VALID TILL 06 PM OF 10.09.2020)**

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 PABNA, TANGAIL, DHAKA, FARIDPUR, MADARIPUR, 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- 11 Sep- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots

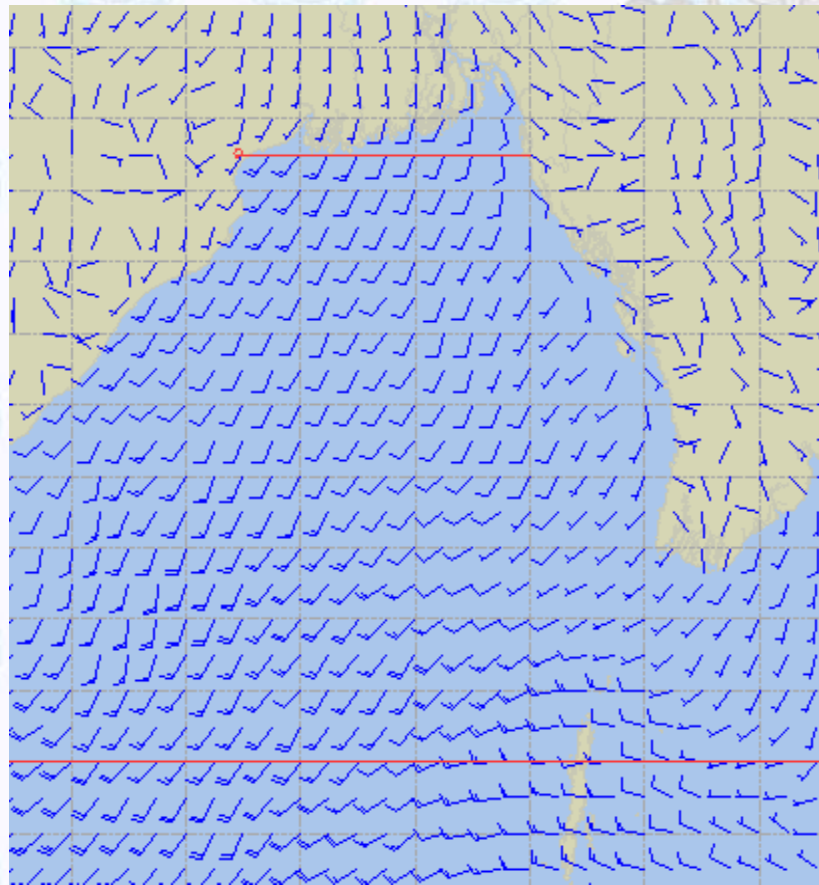


60 Knots

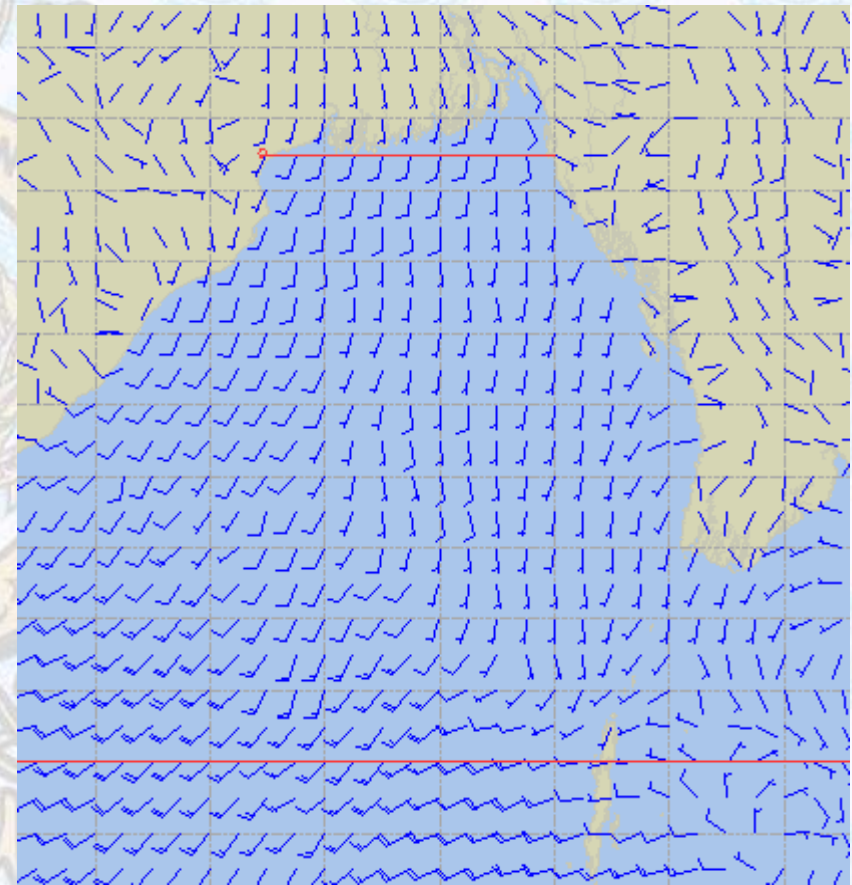


Surface Wind Forecast – 12 & 13 Sep - 2020

12 Sep 20 Saturday



13 Sep 20 Sunday



Legend:



Calm
Winds



5 Knots



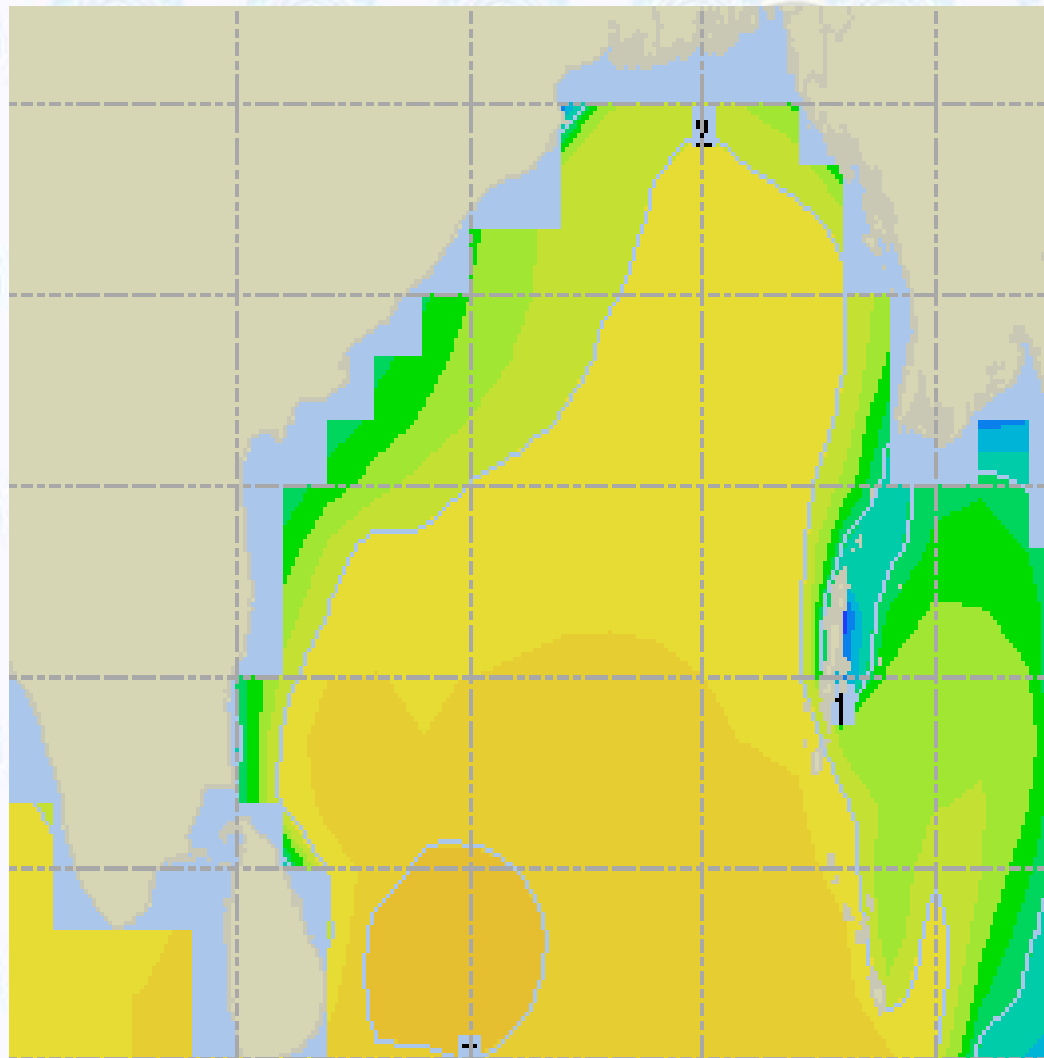
10 Knots



60 Knots



Sea State Forecast – 11 Sep- 2020



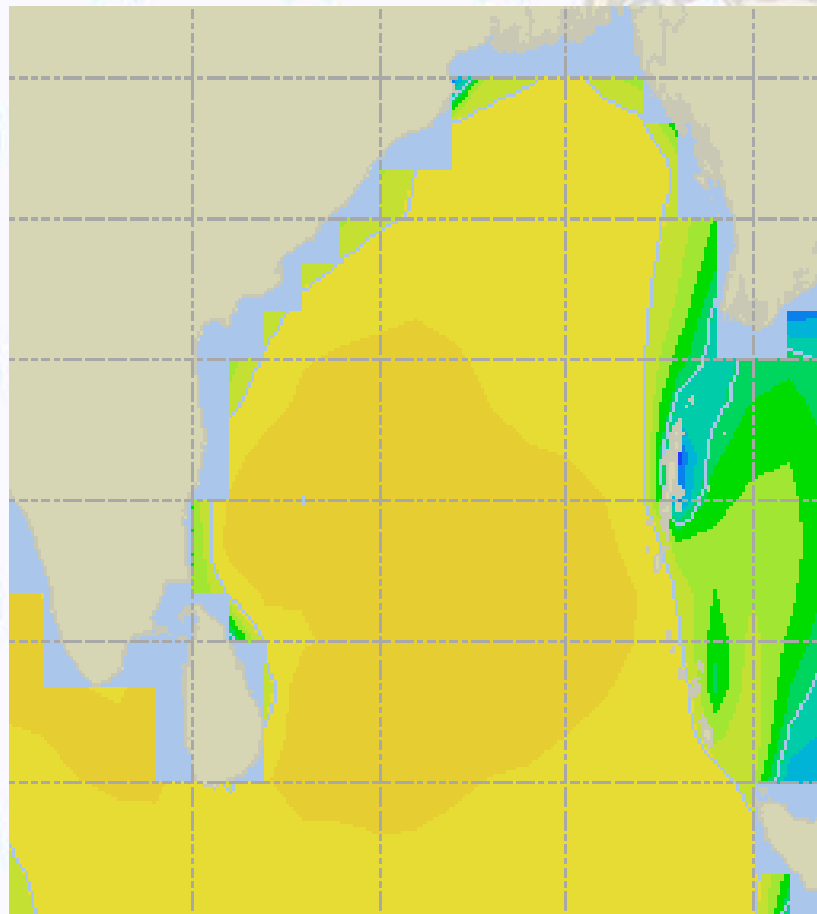
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



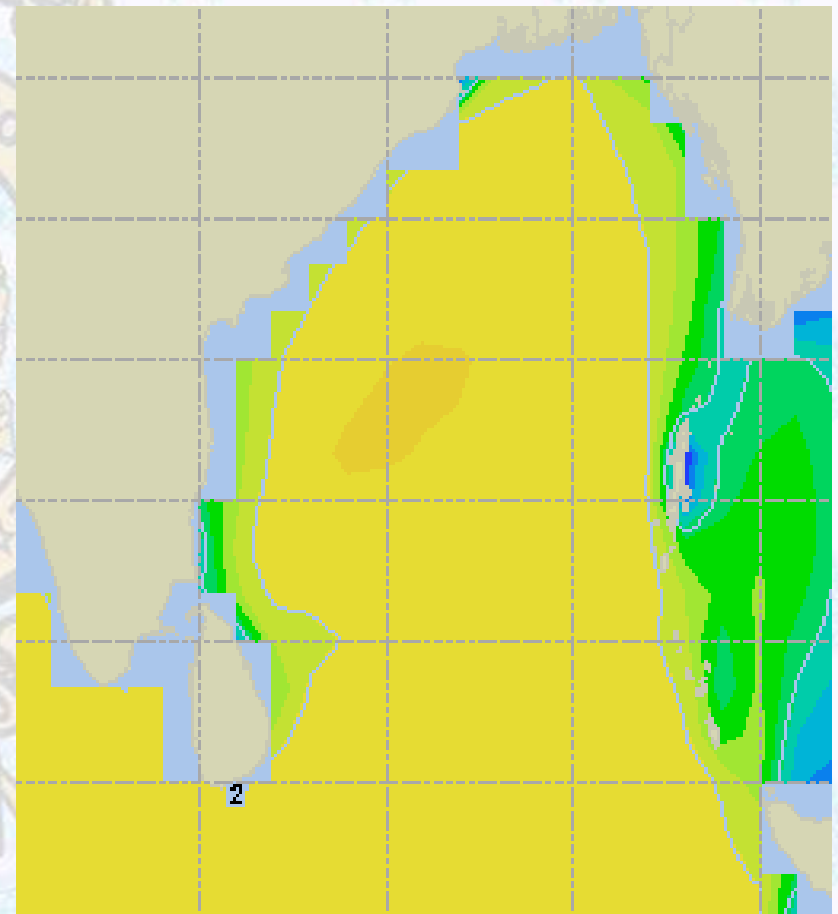


Sea State Forecast – 12 & 13 Sep - 2020

12 Sep 20 Saturday



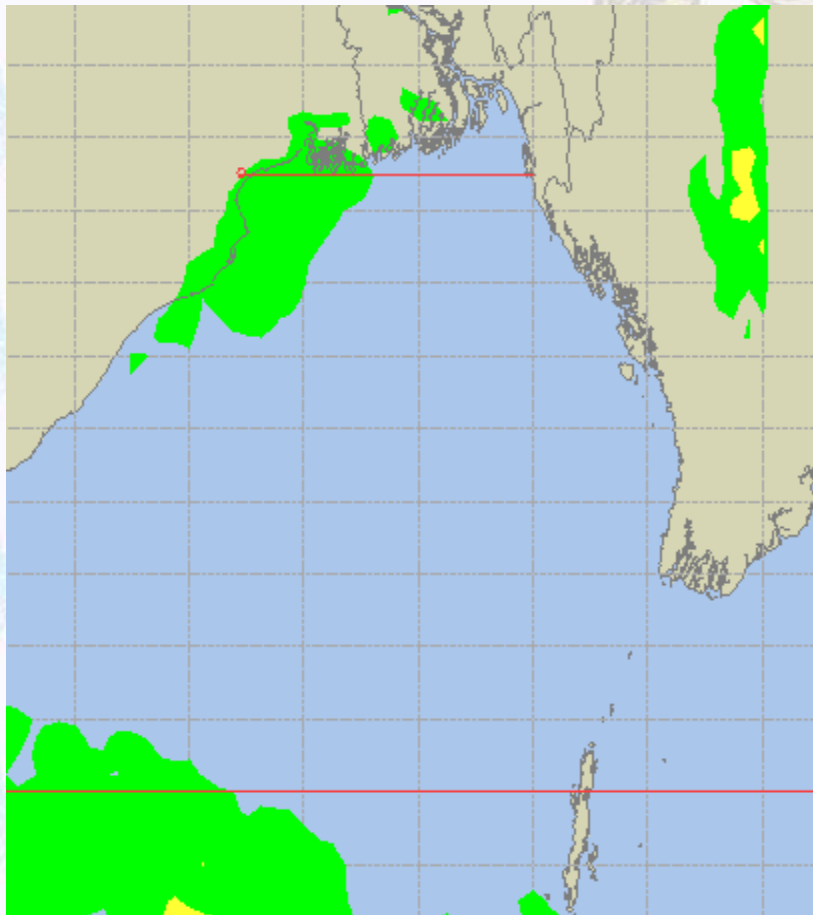
13 Sep 20 Sunday



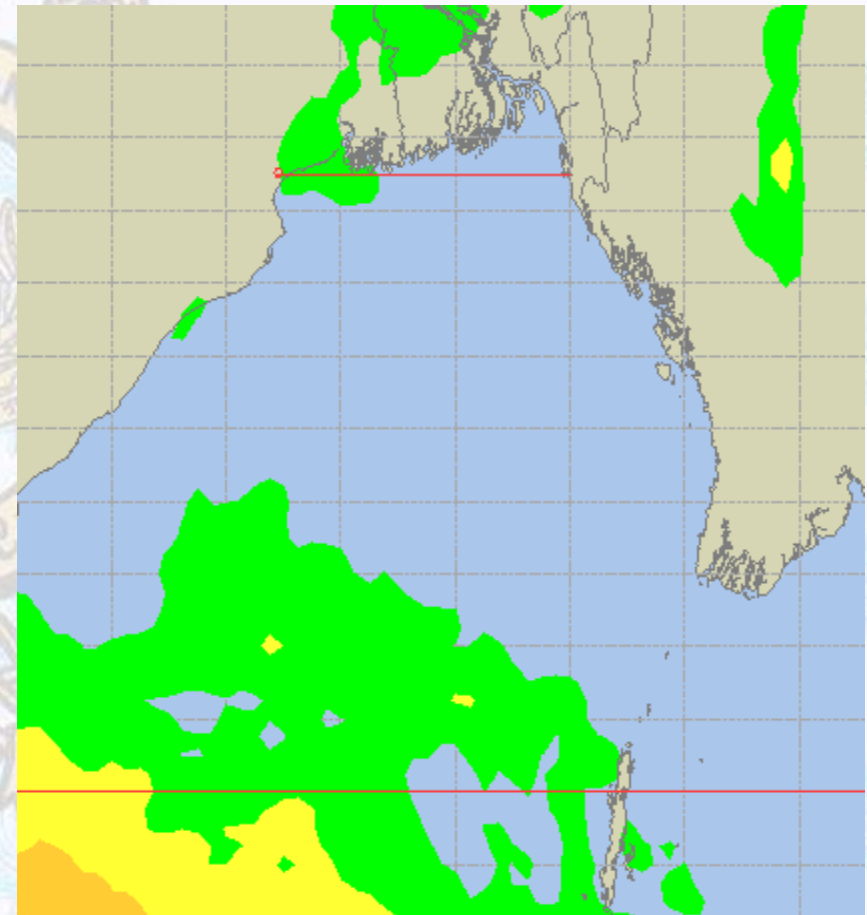


Peak Gusting Possibilities— 11 & 12 Sep 2020

11 Sep 20 Friday



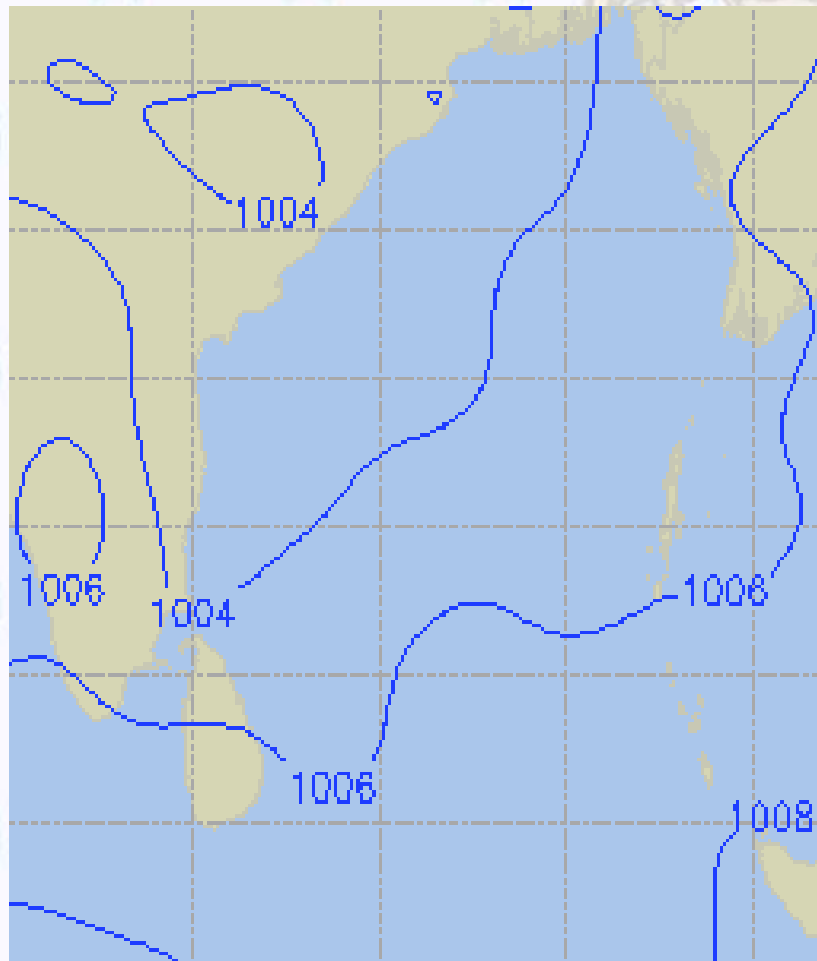
12 Sep 20 Saturday



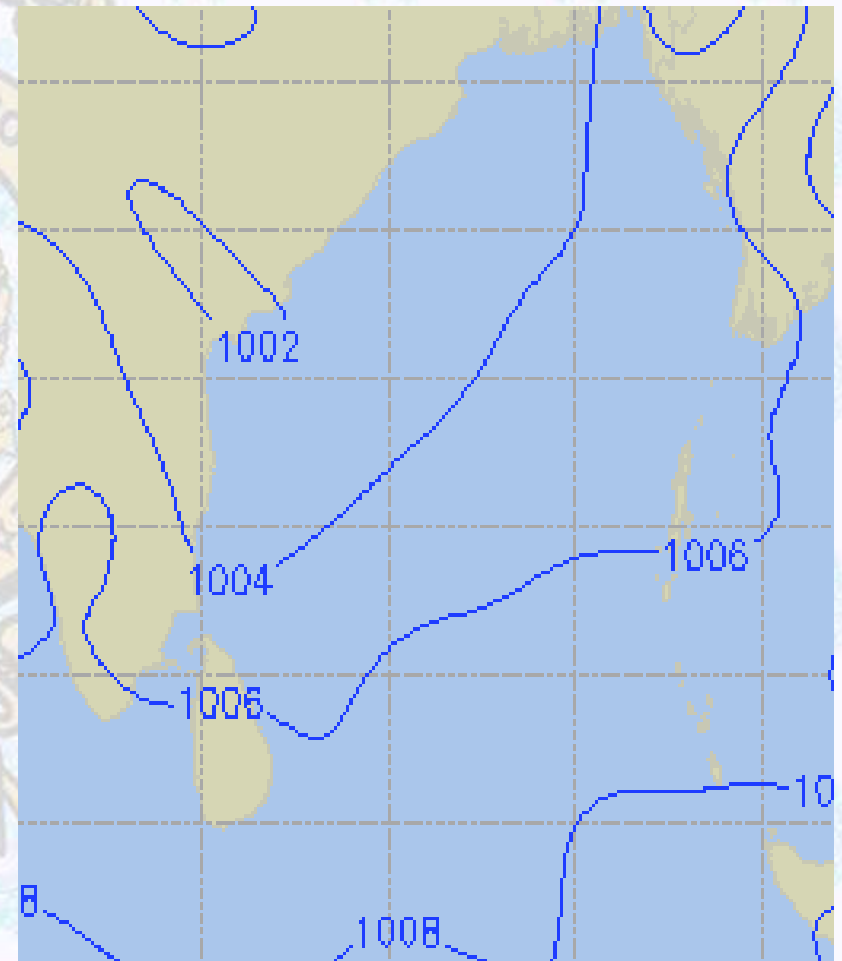


Surface Pressure forecast– 11 & 12 Sep 2020

11 Sep 20 Friday



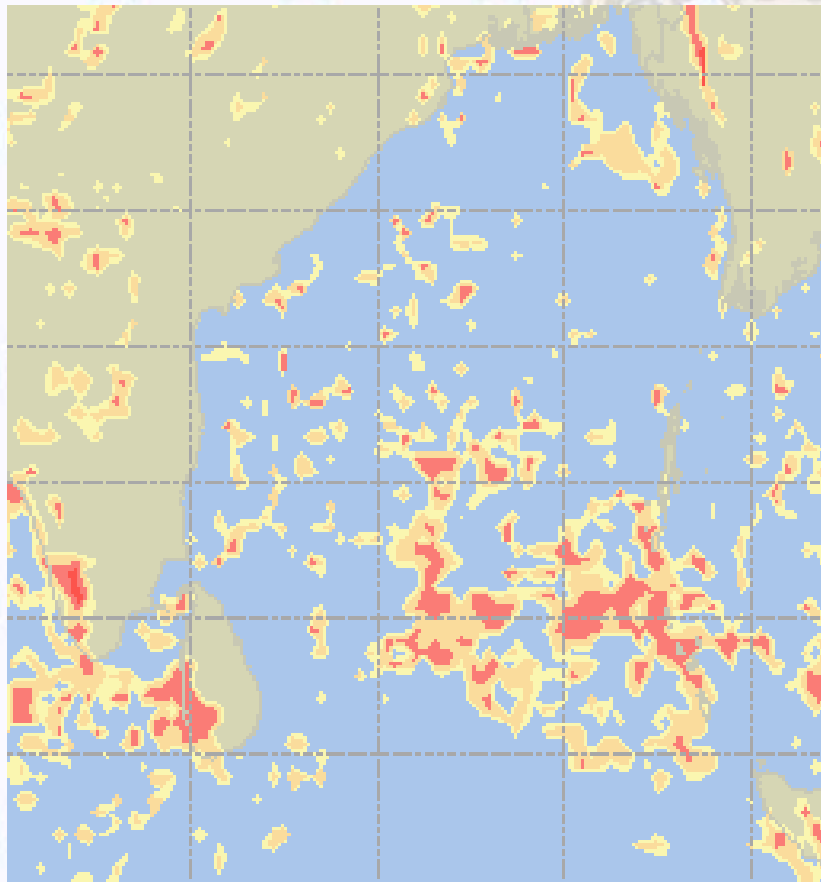
12 Sep 20 Saturday



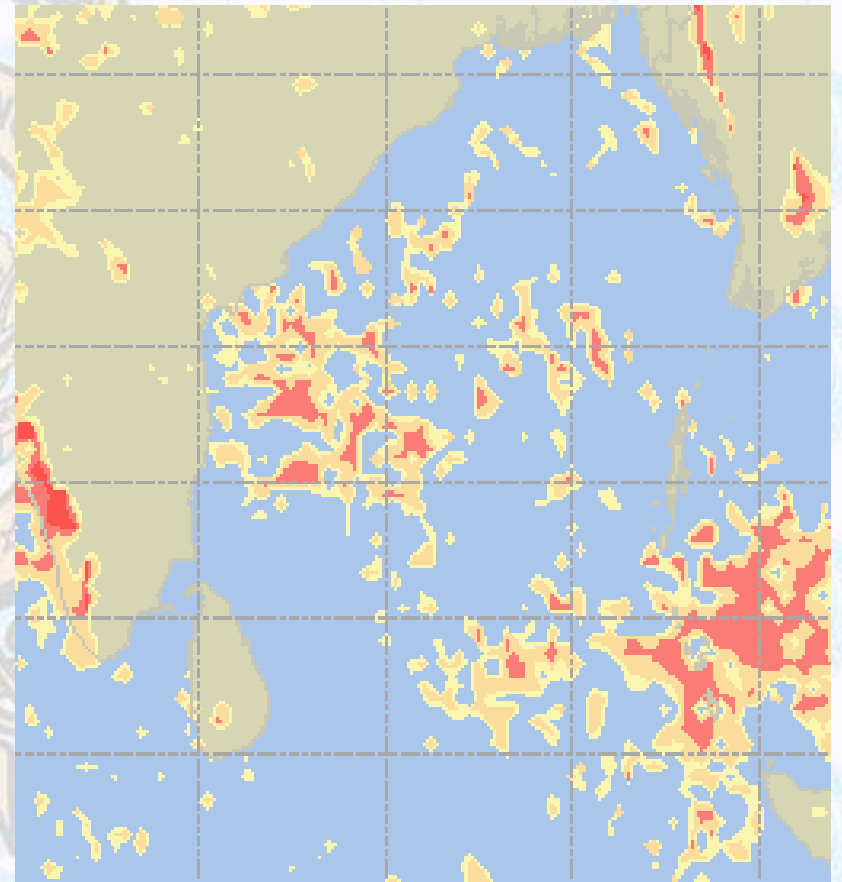


Visibility at Sea Forecast – 11 & 12 Sep 2020

11 Sep 20 Friday



12 Sep 20 Saturday



Visibility Scale:

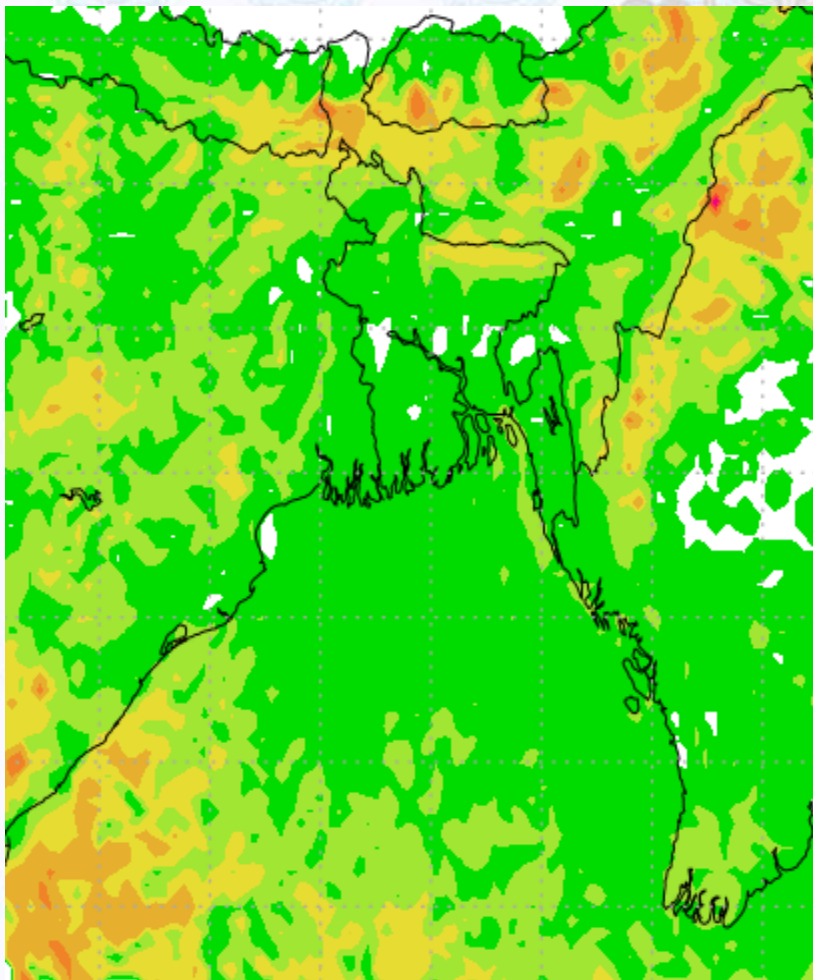


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

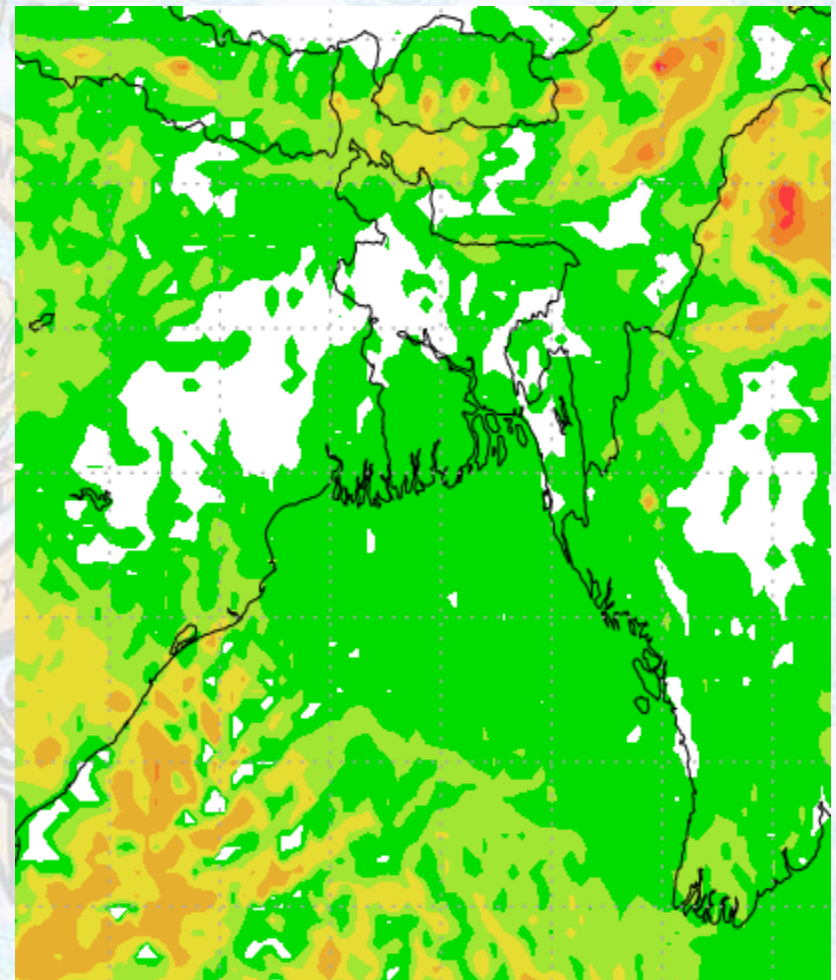


Precipitation

Rain(mm) 11 & 12 Sep 2020



Rain(mm) 12 & 13 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0013		1.48			0418	2.71
11 Sep 2020	0638	4.23		1050	1.51		1011	1.73
	1305	1.66		1649	2.51		1607	2.45
	1917	3.79		2315	1.55		2232	1.60
	Time	Height		Time	Height		Time	Height
		0130		1.71			0544	2.71
12 Sep 2020	0758	4.17		1224	1.52		1158	1.75
	1438	1.72		1821	2.54		1750	2.42
	2046	3.80		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0259		1.71			0048	1.52
13 Sep 2020	0918	4.32		0709	2.88		0646	2.76
	1608	1.54		1349	1.41		1336	1.59
	2209	4.08		1942	2.75		1932	2.57