



WEATHER FORECAST FOR BN

13 SEP- 16 SEP 2020





WEATHER FORECAST – DHAKA

13.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	31 / 26	29 / 26	29 / 26
Wind	11 km/h S	10 km/h S	8 km/h SSE	9 km/h S
Humidity	69%	73%	80%	82%
Chance of Precip	19%	22%	23%	21%
Cloud Cover	76%	84%	89%	88%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 45 AM 18: 06 PM			

Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

13.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	29 / 27	28 / 26
Wind	13 km/h S	7 km/h S	6 km/h SSE	7 km/h SE
Humidity	80%	84%	89%	89%
Chance of Precip.	17%	16%	37%	31%
Cloud Cover	83%	88%	92%	90%
Conditions	Mostly Cloudy	Mostly Cloudy	Cloudy	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 40 AM 17: 59 PM			

Conditions

Pressure : 1008 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

13.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 28	32 / 28	30 / 27	29 / 27
Wind	11 km/h SE	10 km/h SSE	8 km/h SSE	6 km/h SE
Humidity	76%	79%	87%	89%
Chance of Precip.	15%	13%	10%	7%
Cloud Cover	84%	87%	78%	79%
Conditions	Cloudy	Cloudy	Mostly Cloudy	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 50 AM 18: 09 PM			

Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	14 Sep 2020	15 Sep 2020	16 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	5h44m42s/18h02m30s	5h45m00s/18h01m24s	5h45m24s/18h00m18s
Day Length	12h17m48s	12h16m24s	12h14m54s
Moon Rise/ Set	2:06AM 3:58 PM	3:10AM 4:46 PM	4:14AM 5:31 PM
Moon Phase/ illu	Waning Crescent 10%	Waning Crescent 4%	Waning Crescent 0%
Nautical Twilight	04:55, 18:52	04:55, 18:51	04:56, 18:49
Civil Twilight	05:21, 18:25	05:22, 18:24	05:22, 18:23
Humidity	D : 77% N : 84%	D : 78% N : 85%	D : 78% N : 86%
Barometer (mb)	1006	1005	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	60%	50%
Wind (mph)	12 Km/h SSE	11 Km/h S	12 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	14 Sep 2020	15 Sep 2020	16 Sep 2020
Temperature (C)	31 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h39m24s/17h56m24s	5h39m42s/17h55m18s	5h40m00s/17h54m18s
Day Length	12h17m00s	12h15m36s	12h14m18s
Moon Rise/ Set	2:03AM 3:49 PM	3:06AM 4:38 PM	4:10AM 5:24 PM
Moon Phase/ illu	Waning Crescent 10%	Waning Crescent 4%	Waning Crescent 0%
NauticalTwilight	04:50, 18:45	04:51, 18:45	04:51, 18:43
Civil Twilight	05:16, 18:19	05:17, 18:19	05:17, 18:17
Humidity	D : 83% N : 92%	D : 84% N : 92%	D : 84% N : 92%
Barometer (mb)	1007	1007	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	12 Km/h S	13 Km/h S	12 Km/h S

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



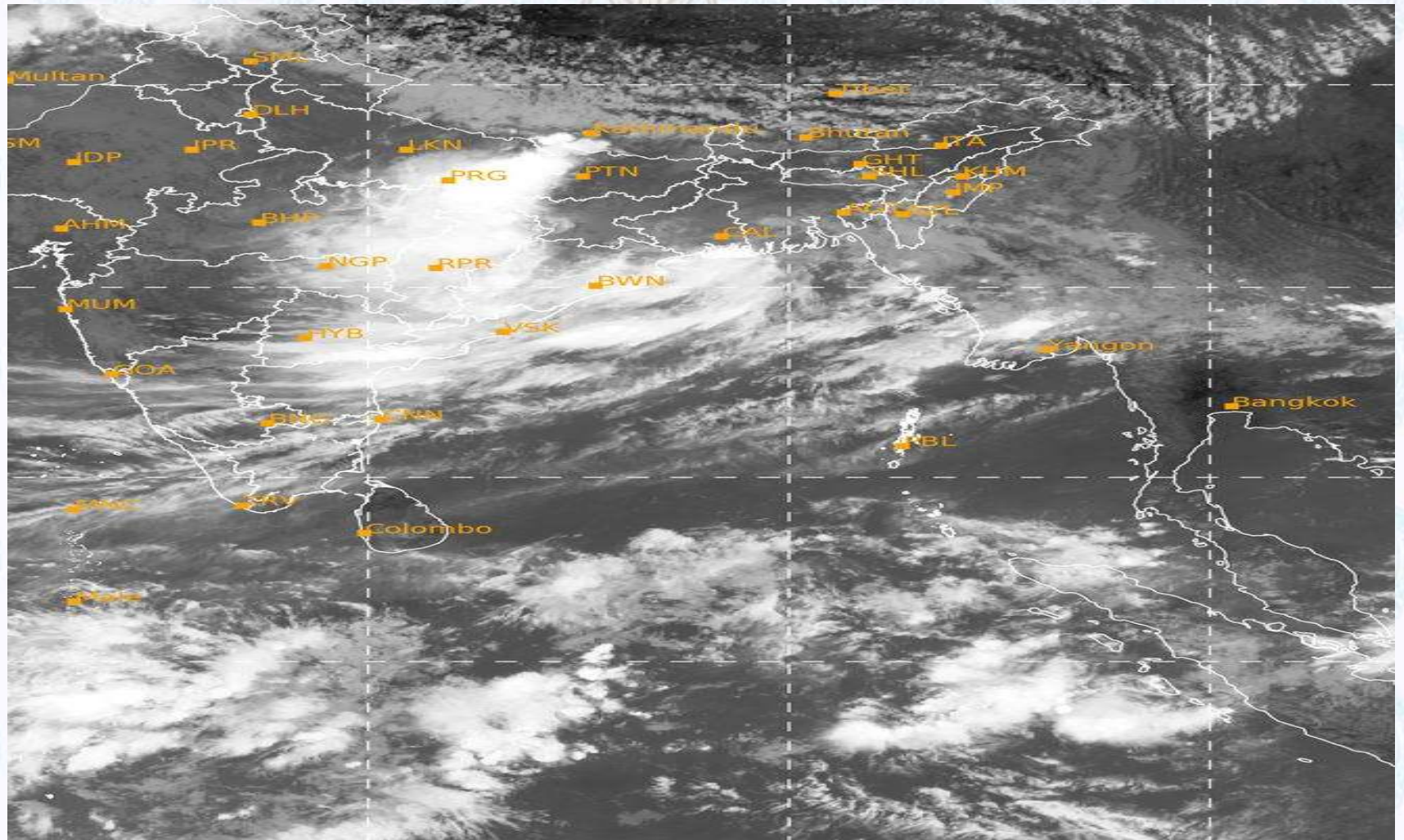
GENERAL WEATHER FORECAST – KHULNA

Description	14 Sep 2020	15 Sep 2020	16 Sep 2020
Temperature(C)	32°C/ 27°C	31°C/ 27°C	31°C/ 27°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h48m24s/18h05m36s	5h48m42s/18h04m36s	5h49m00s/18h03m30s
Day Length	12h17m12s	12h15m54s	12h14m30s
Moon Rise/Set	2:13AM 4:00 PM	3:16AM 4:48 PM	4:20AM 5:34 PM
Moon Phase/illu	Waning Crescent 10%	Waning Crescent 4%	Waning Crescent 0%
NauticalTwilight	04:59, 18:54	05:00, 18:53	05:00, 18:52
Civil Twilight	05:25, 18:28	05:26, 18:27	05:26, 18:26
Humidity	D : 79% N : 88%	D : 82% N : 88%	D : 81% N : 88%
Barometer (mb)	1006	1005	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	80%
Wind (mph)	11 km/h SSE	12 km/h S	13 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL



13/09/2020, 11:00 UTC MATSAT-IR

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 13.09.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK OVER NORTH BAY.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH /SOUTH-EASTERLY 08-12KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 13,0000 UTC. CHATTOGRAM =1008 HPA



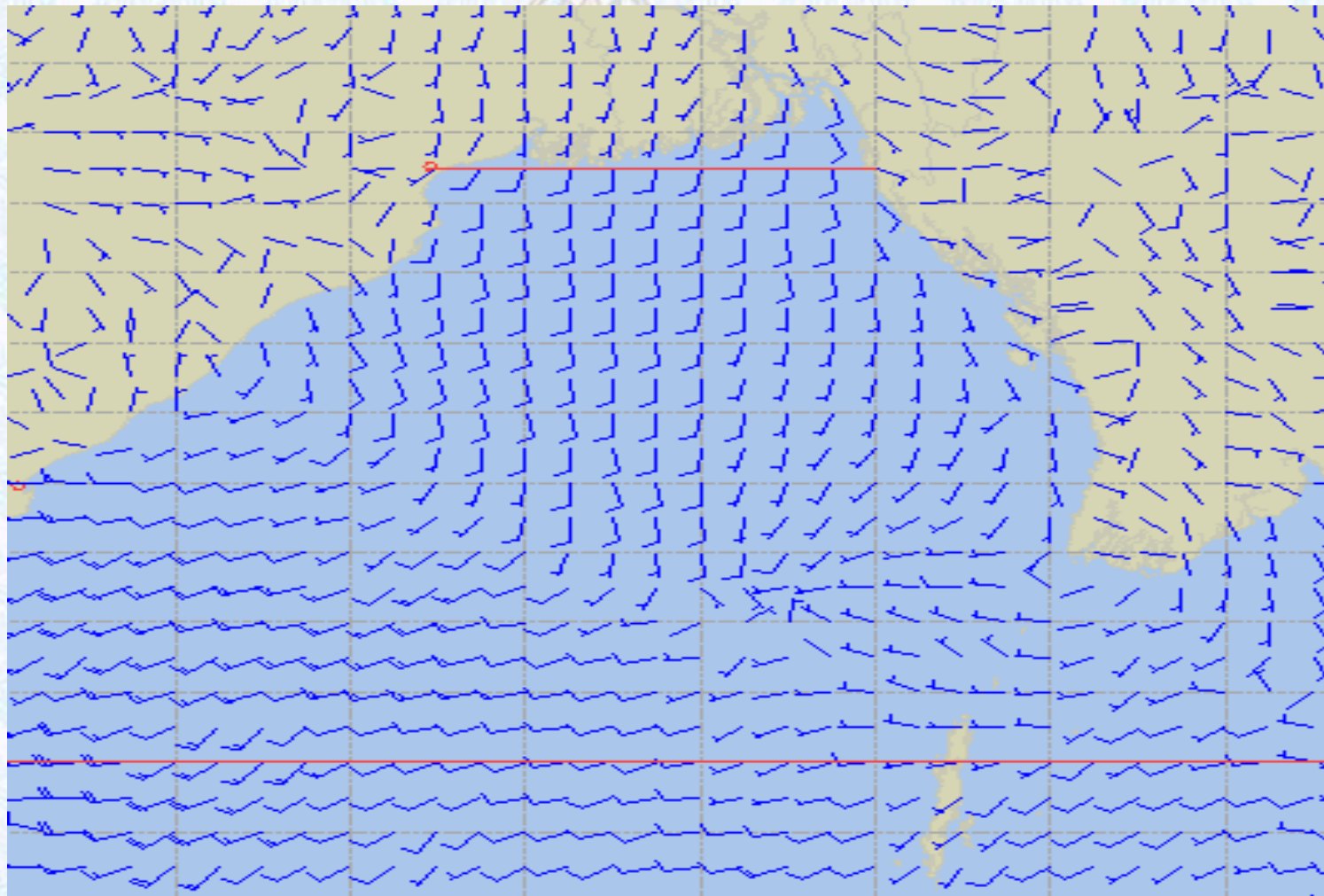
Inland River Port Warning **(VALID TILL 06 PM OF 13.09.2020)**

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

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



Surface Wind Forecast- 14 Sep- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



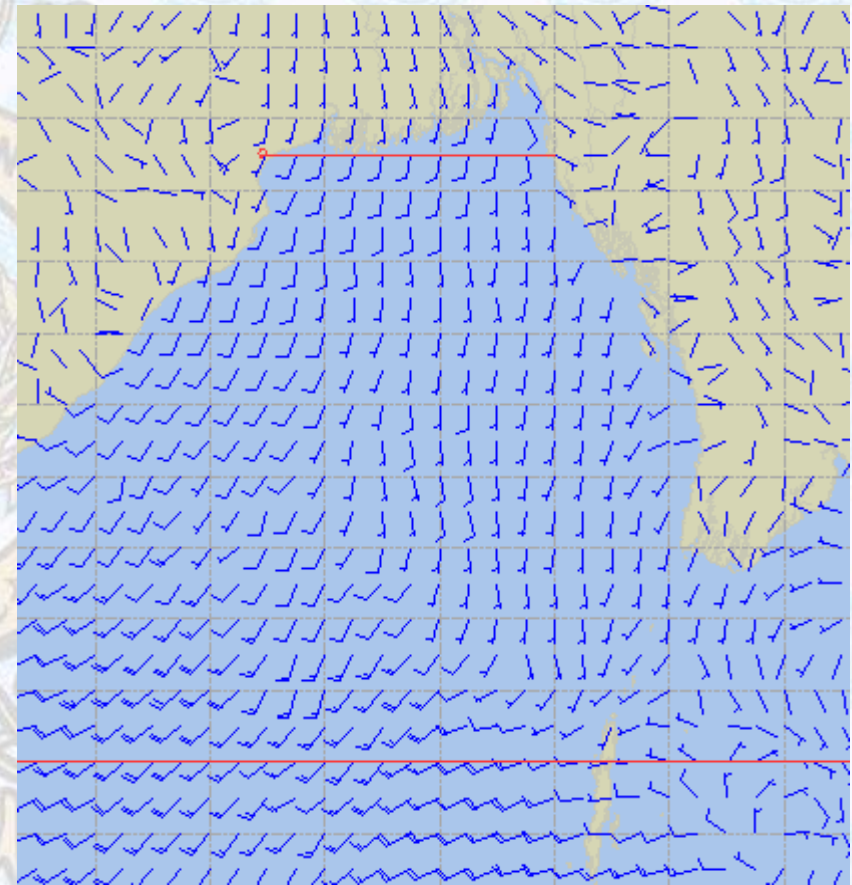
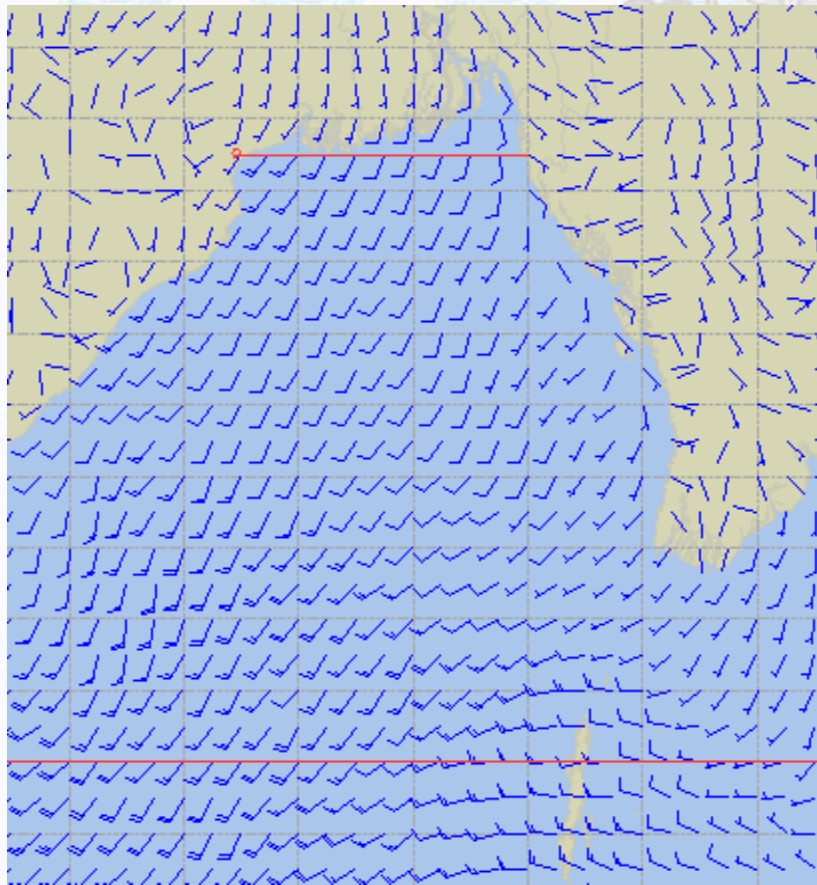
60 Knots



Surface Wind Forecast – 15 & 16 Sep - 2020

15 Sep 20 Tuesday

16 Sep 20 Wednesday



Legend:



Calm
Winds



5 Knots



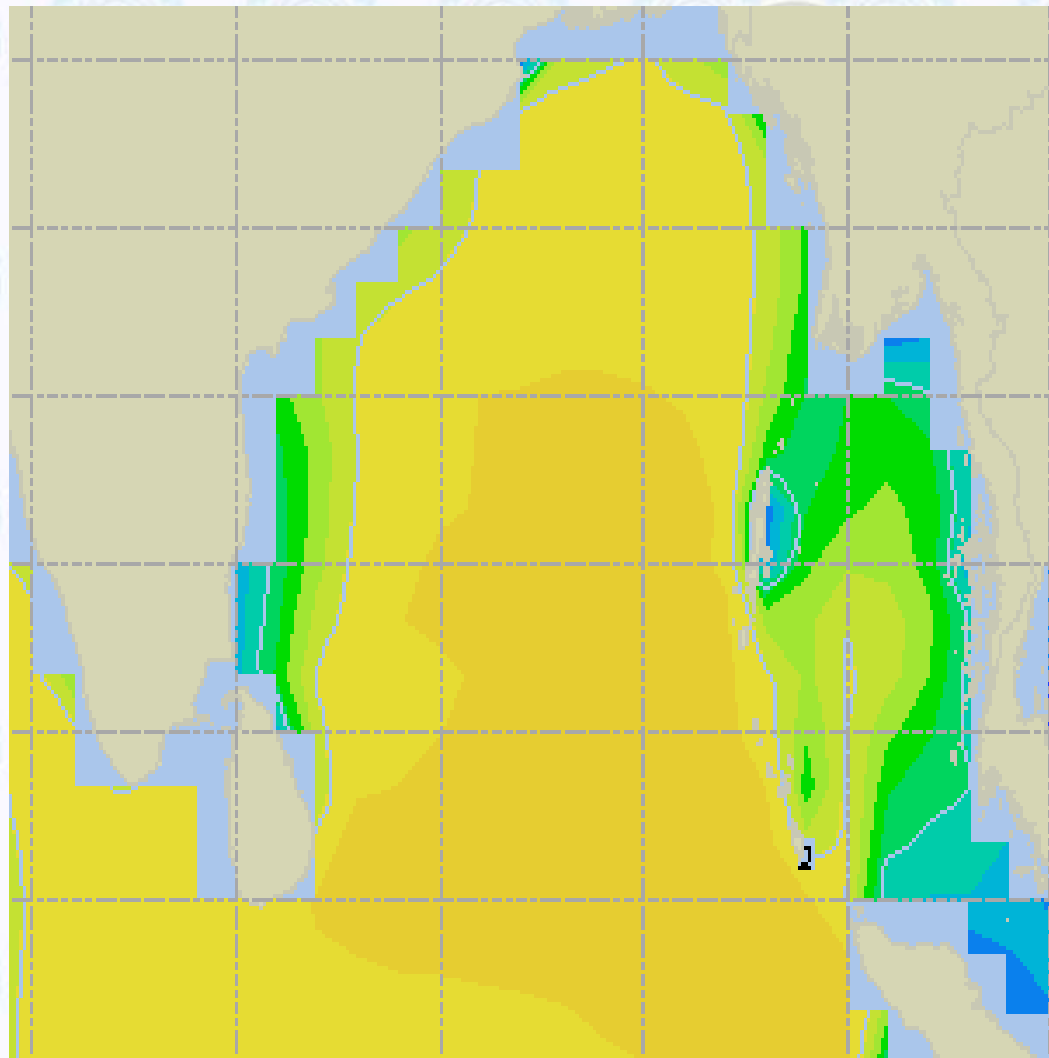
10 Knots



60 Knots



Sea State Forecast – 14 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

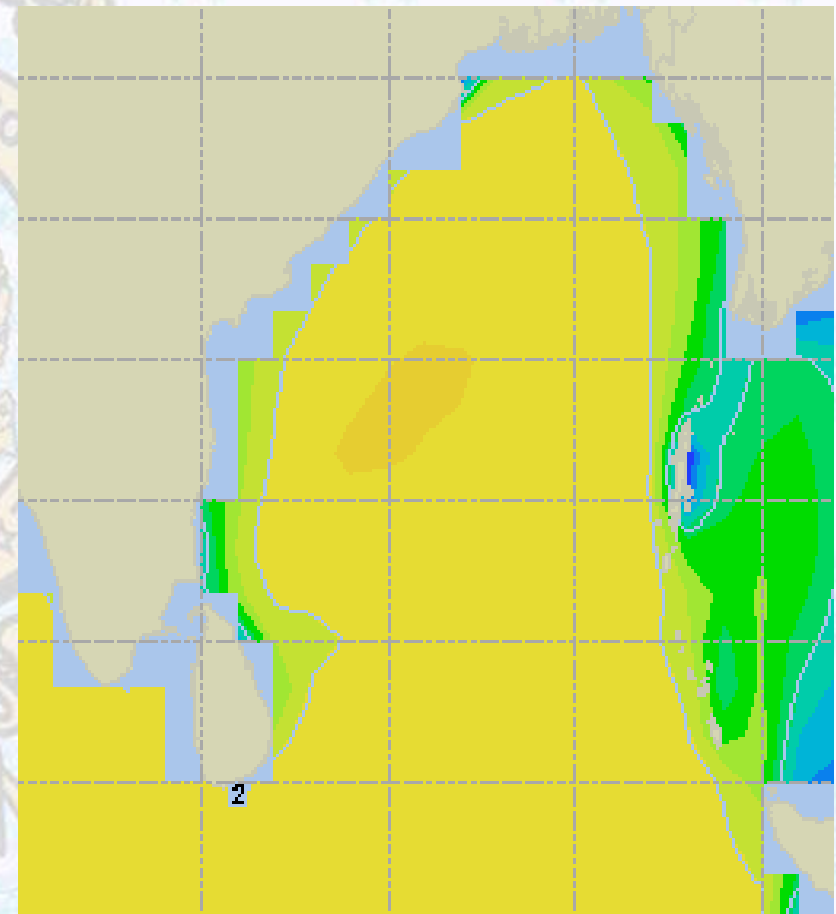
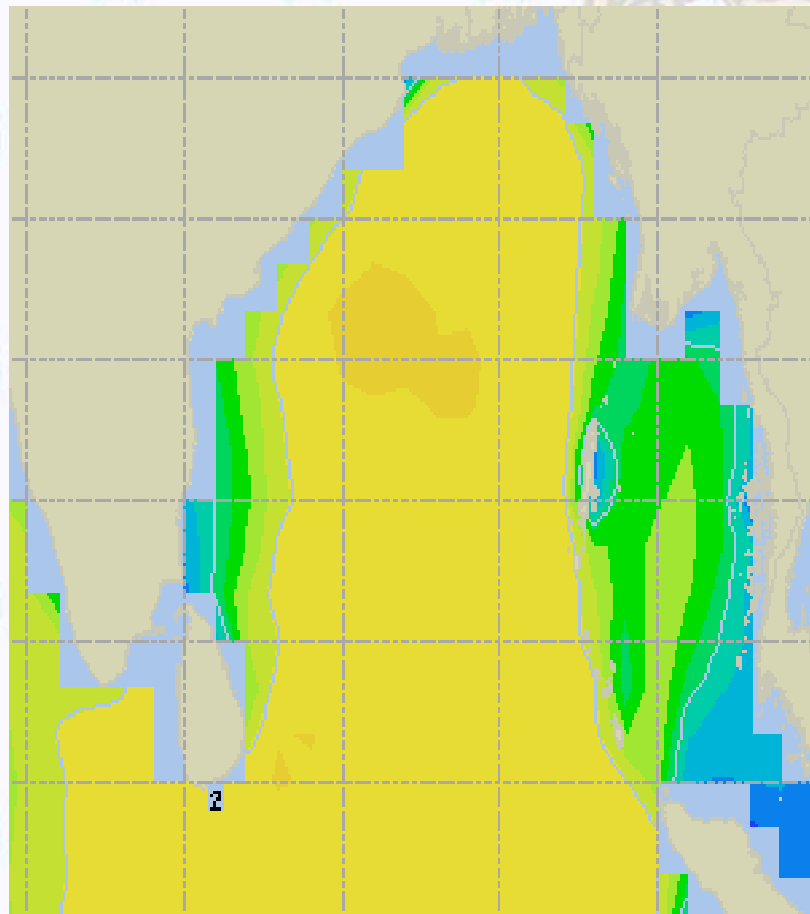




Sea State Forecast – 15 & 16 Sep - 2020

15 Sep 20 Tuesday

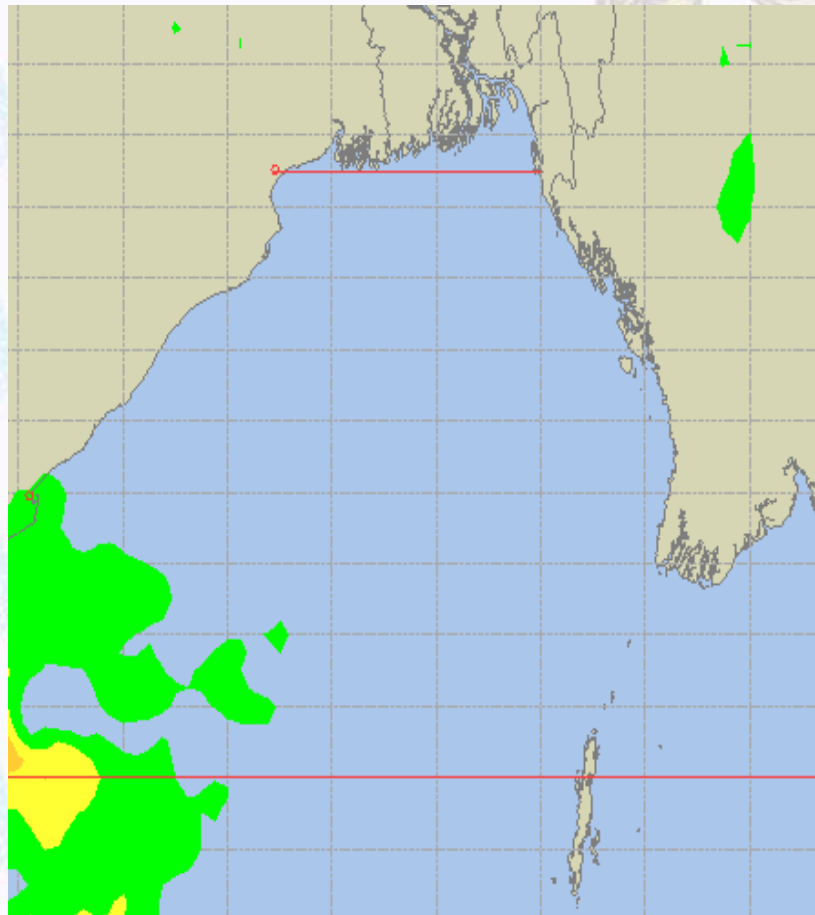
16 Sep 20 Wednesday



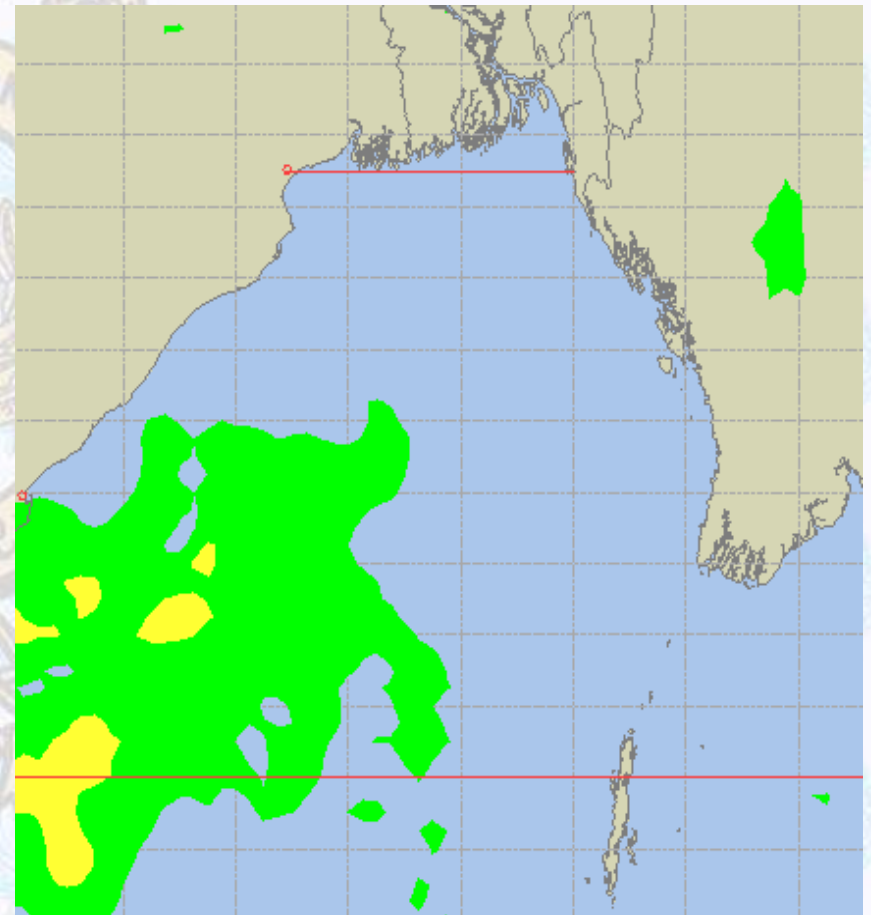


Peak Gusting Possibilities— 14 & 15 Sep 2020

14 Sep 20 Monday



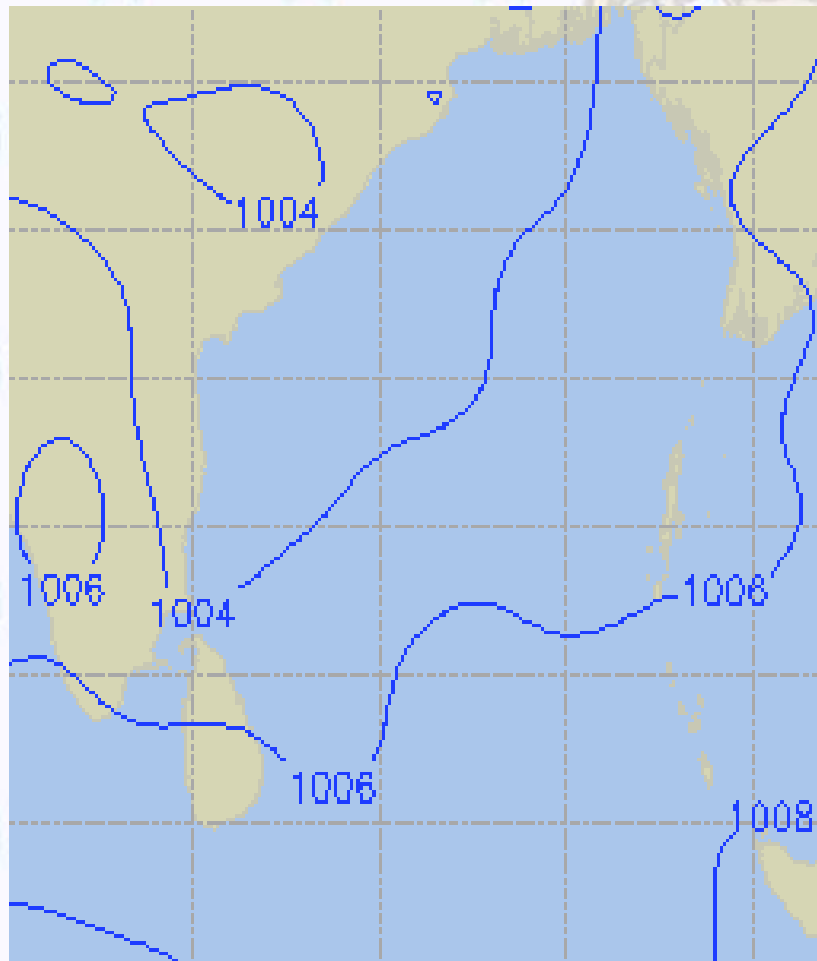
15 Sep 20 Tuesday



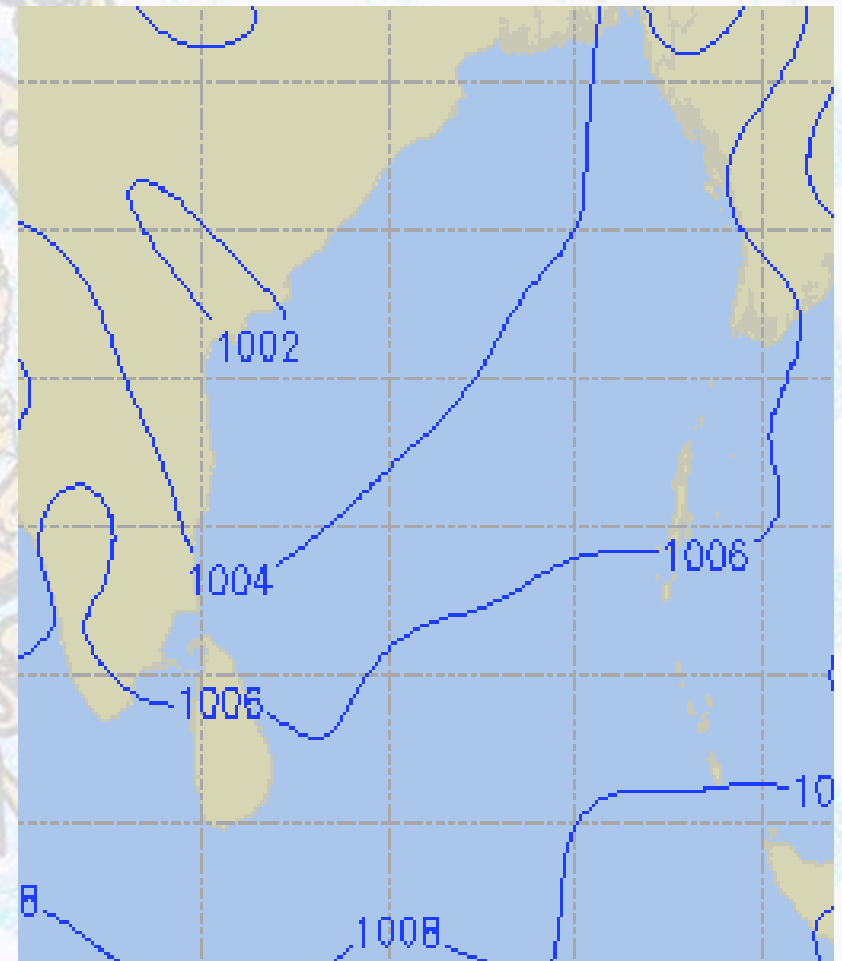


Surface Pressure forecast– 14 & 15 Sep 2020

14 Sep 20 Monday



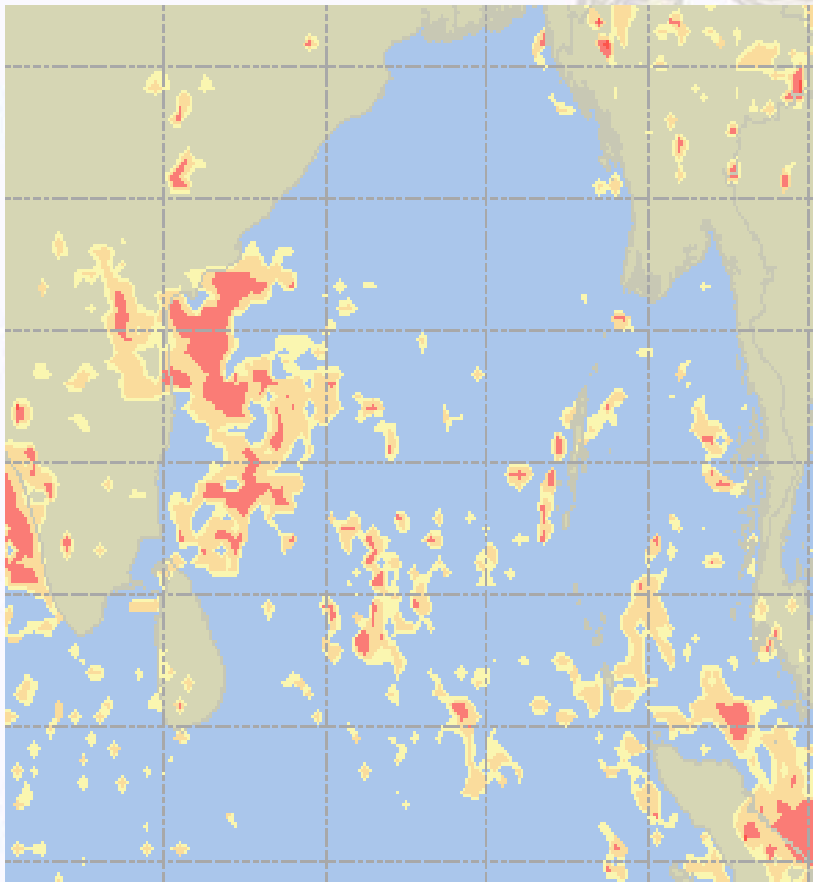
15 Sep 20 Tuesday



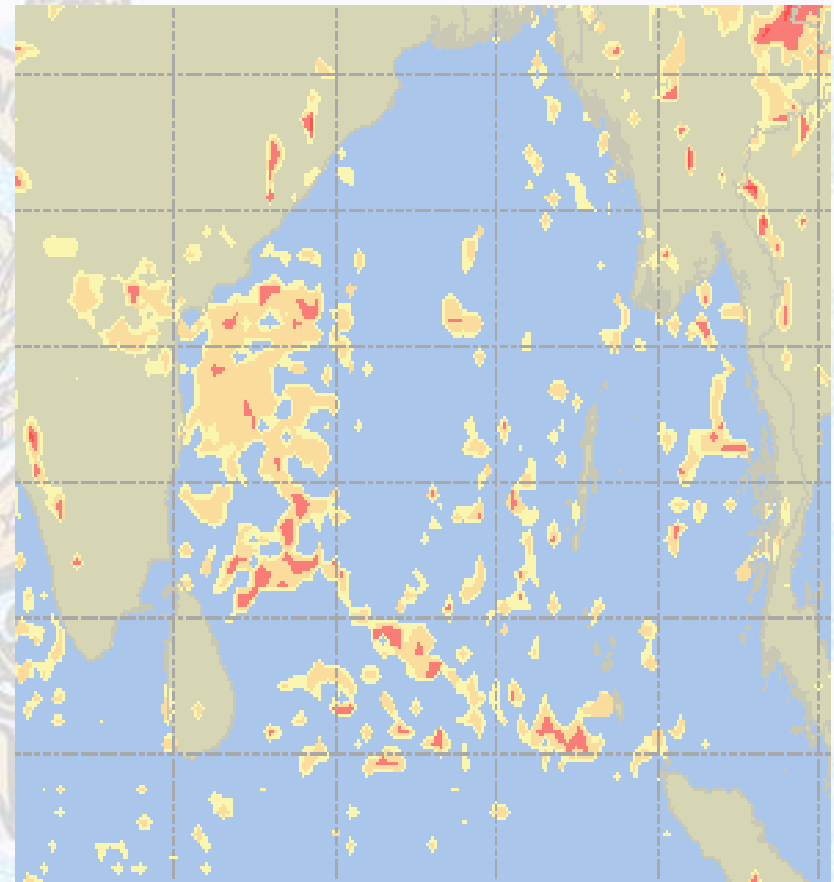


Visibility at Sea Forecast – 14 & 15 Sep 2020

14 Sep 20 Monday



15 Sep 20 Tuesday



Visibility Scale:

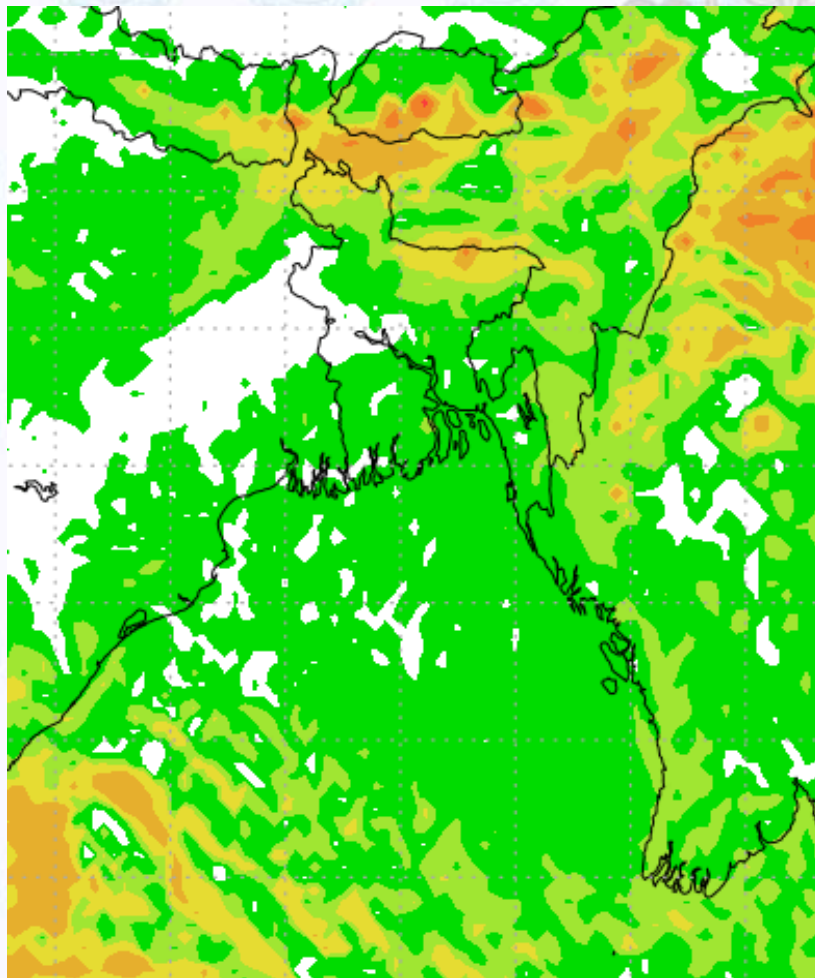


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

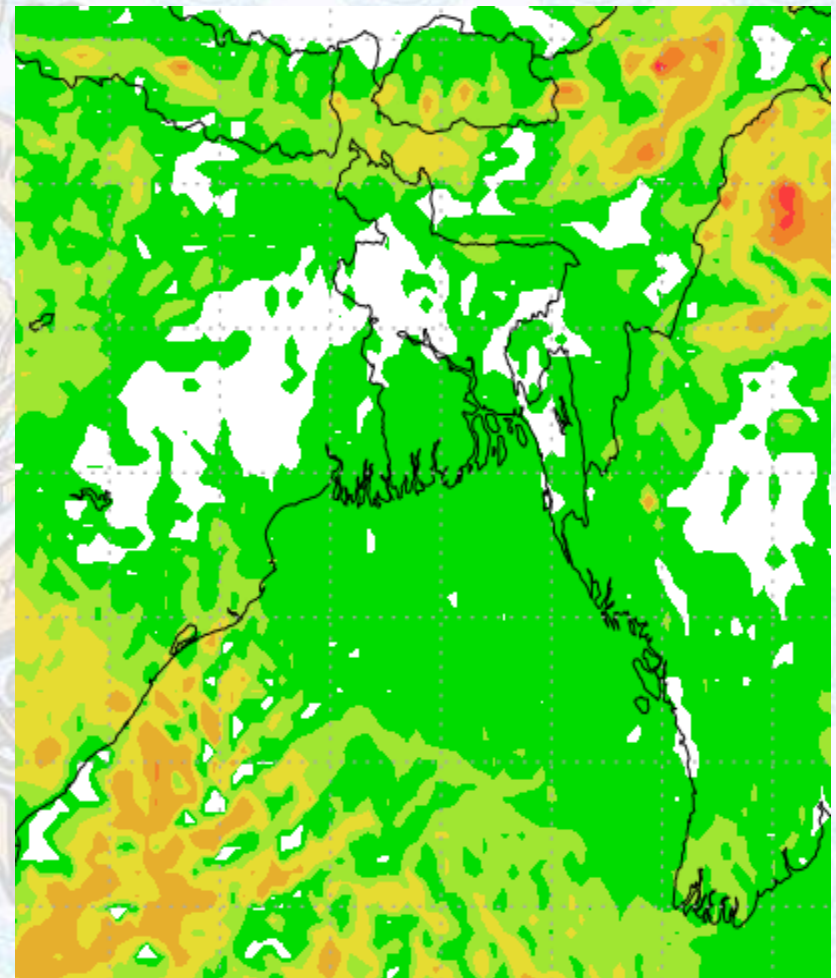


Precipitation

Rain(mm) 14 & 15 Sep 2020



Rain(mm) 15 & 16 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

14 Sep 2020	Time	Height		Time	Height		Time	Height
	0421	1.51		0207	1.38		0135	1.42
	1026	4.61		0810	3.16		0800	2.96
	1715	1.26		1449	1.24		1439	1.34
	2309	4.46		2036	3.05		2038	2.82
15 Sep 2020	Time	Height		Time	Height		Time	Height
	0526	1.21		0308	1.20		0241	1.20
	1120	4.93		0859	3.45		0853	3.17
	1806	0.98		1539	1.06		1527	1.07
	2354	4.84		2120	3.37		2125	3.08
16 Sep 2020	Time	Height		Time	Height		Time	Height
	0618	0.91		0358	1.01		0334	0.97
	1204	5.21		0942	3.70		0938	3.35
	1849	0.73		1624	0.89		1609	0.82
	-	-		2201	3.64		2206	3.30