



WEATHER FORECAST FOR BN

16 SEP- 19 SEP 2020





WEATHER FORECAST – DHAKA

16.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	31 / 26	29 / 26	29 / 26
Wind	14 km/h S	12 km/h S	8 km/h S	8 km/h S
Humidity	69%	74%	82%	84%
Chance of Precip	24%	39%	10%	24%
Cloud Cover	76%	79%	84%	84%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 46 AM 18: 02 PM			

Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

16.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	30 / 27	28 / 26	28 / 26
Wind	13 km/h SSW	14 km/h SSW	9 km/h S	8 km/h SSE
Humidity	78%	84%	90%	90%
Chance of Precip.	16%	17%	60%	66%
Cloud Cover	77%	78%	83%	88%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 41 AM 17: 56 PM			

Conditions

Pressure : 1007 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

16.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	31 / 28	29 / 27	29 / 28
Wind	13 km/h S	12 km/h S	8 km/h S	6 km/h S
Humidity	82%	85%	90%	92%
Chance of Precip.	42%	30%	7%	12%
Cloud Cover	81%	70%	67%	68%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 51 AM 18: 06 PM			

Conditions

Pressure : 1005 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	17 Sep 2020	18 Sep 2020	19 Sep 2020
Temperature (C)	32 °C/ 27 °C	33 °C/ 27 °C	34 °C/ 28 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h45m12s/17h59m12s	5h46m06s/17h58m18s	5h46m24s/17h57m18s
Day Length	12h13m30s	12h12m12s	12h10m54s
Moon Rise/ Set	5:20AM 6:14 PM	6:24AM 6:55 PM	7:29AM 7:37 PM
Moon Phase/ illu	New Moon 0%	Waxing Crescent 2%	Waxing Crescent 8%
NauticalTwilight	04:56, 18:48	04:56, 18:47	04:57, 18:46
Civil Twilight	05:22, 18:22	05:23, 18:21	05:23, 18:20
Humidity	D : 77% N : 84%	D : 75% N : 84%	D : 72% N : 81%
Barometer (mb)	1005	1004	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	40%	30%	20%
Wind (mph)	10 Km/h S	7 Km/h ESE	5 Km/h N

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 Sep 2020	18 Sep 2020	19 Sep 2020
Temperature (C)	31 °C/ 26 °C	32 °C/ 26 °C	32 °C/ 27 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h40m18s/17h53m12s	5h40m36s/17h52m24s	5h40m54s/17h51m30s
Day Length	12h12m54s	12h11m48s	12h10m36s
Moon Rise/ Set	5:15AM 6:07 PM	6:18AM 6:49 PM	7:23AM 7:32 PM
Moon Phase/ illu	New Moon 0%	Waxing Crescent 2%	Waxing Crescent 8%
NauticalTwilight	04:51, 18:42	04:51, 18:41	04:52, 18:40
Civil Twilight	05:17, 18:16	05:17, 18:15	05:18, 18:14
Humidity	D : 84% N : 93%	D : 82% N : 92%	D : 81% N : 93%
Barometer (mb)	1007	1006	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	60%	40%	50%
Wind (mph)	11 Km/h SSW	7 Km/h WSW	7 Km/h NW

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



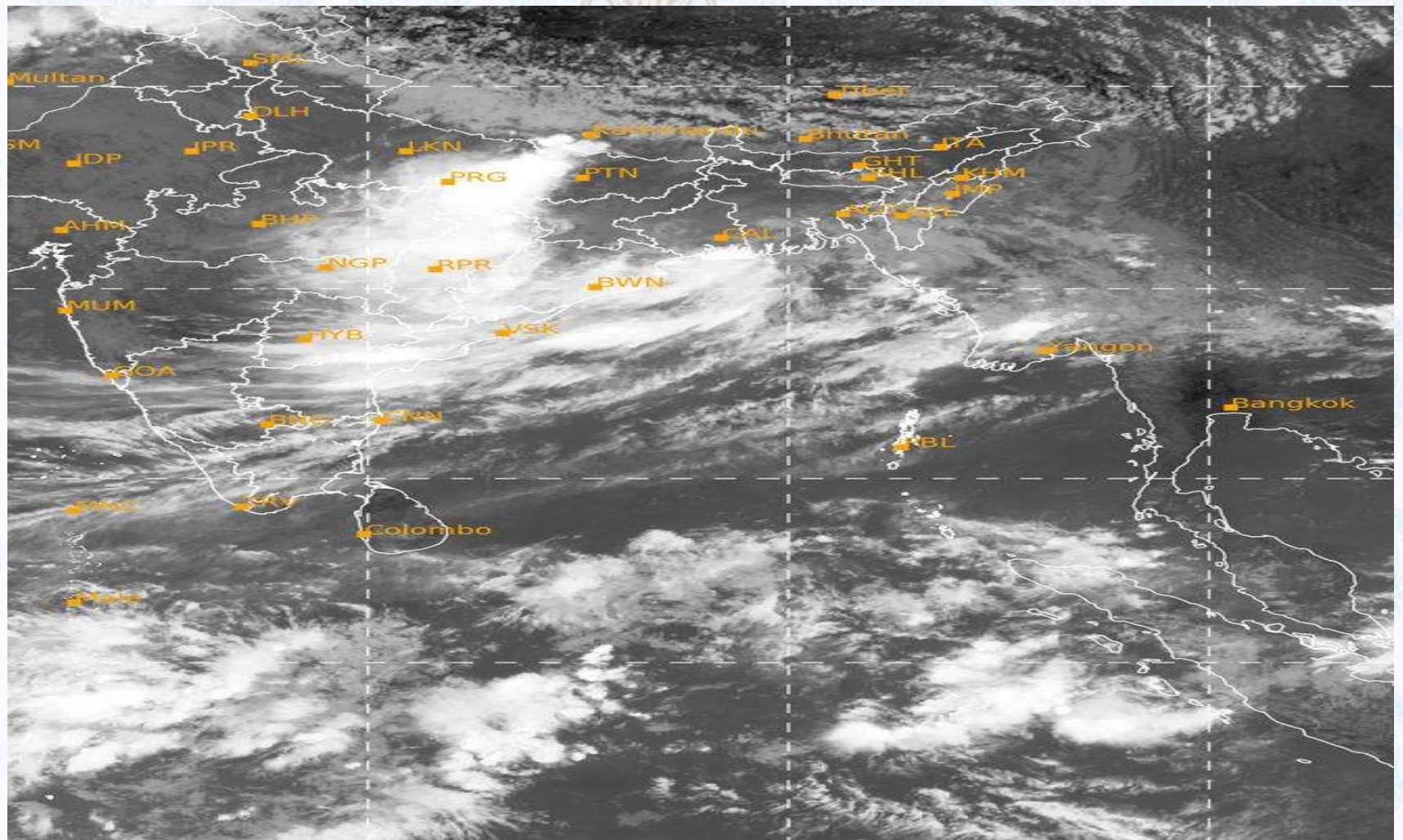
GENERAL WEATHER FORECAST – KHULNA

Description	17 Sep 2020	18 Sep 2020	19 Sep 2020
Temperature(C)	32°C/ 27°C	33°C/ 27°C	34°C/ 27°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h49m18s/18h02m24s	5h49m42s/18h01m36s	5h50m00s/18h00m36s
Day Length	12h13m06s	12h11m54s	12h10m36s
Moon Rise/Set	5:25AM 6:17 PM	6:29AM 7:00 PM	7:33AM 7:42 PM
Moon Phase/illu	New Moon 0%	Waxing Crescent 2%	Waxing Crescent 8%
Nautical Twilight	05:00, 18:51	05:00, 18:50	05:01, 18:49
Civil Twilight	05:26, 18:25	05:26, 18:24	05:27, 18:23
Humidity	D : 80% N : 87%	D : 80% N : 88%	D : 77% N : 75%
Barometer (mb)	1005	1004	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	60%	60%	30%
Wind (mph)	11 km/h SSW	7 km/h SE	4 km/h NNE

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



SATELLITE VIEW OF BAY OF BENGAL

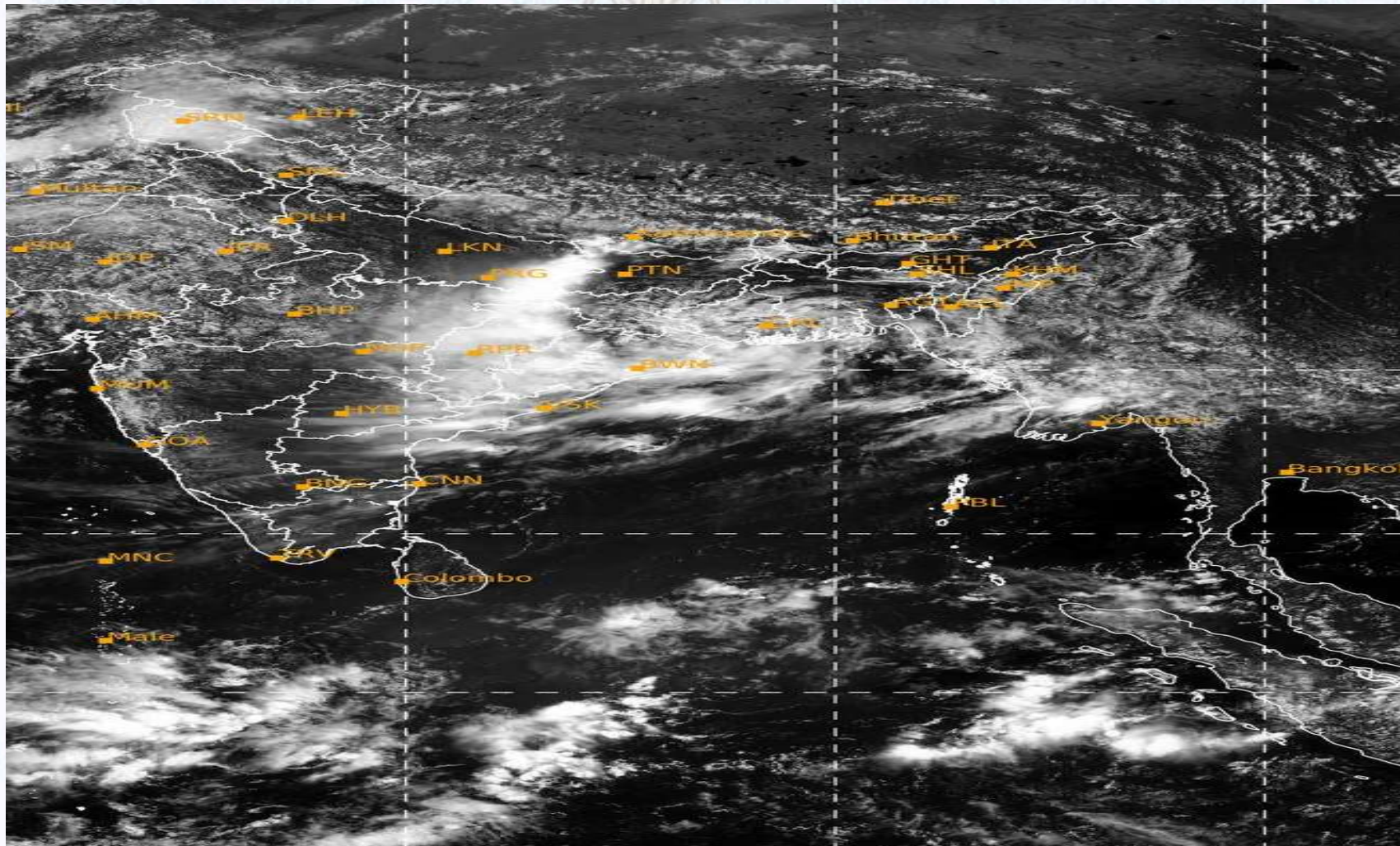


16/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



16/09/2020, 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 16.09.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	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 IN SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 16,0000 UTC. CHATTOGRAM =1006 HPA



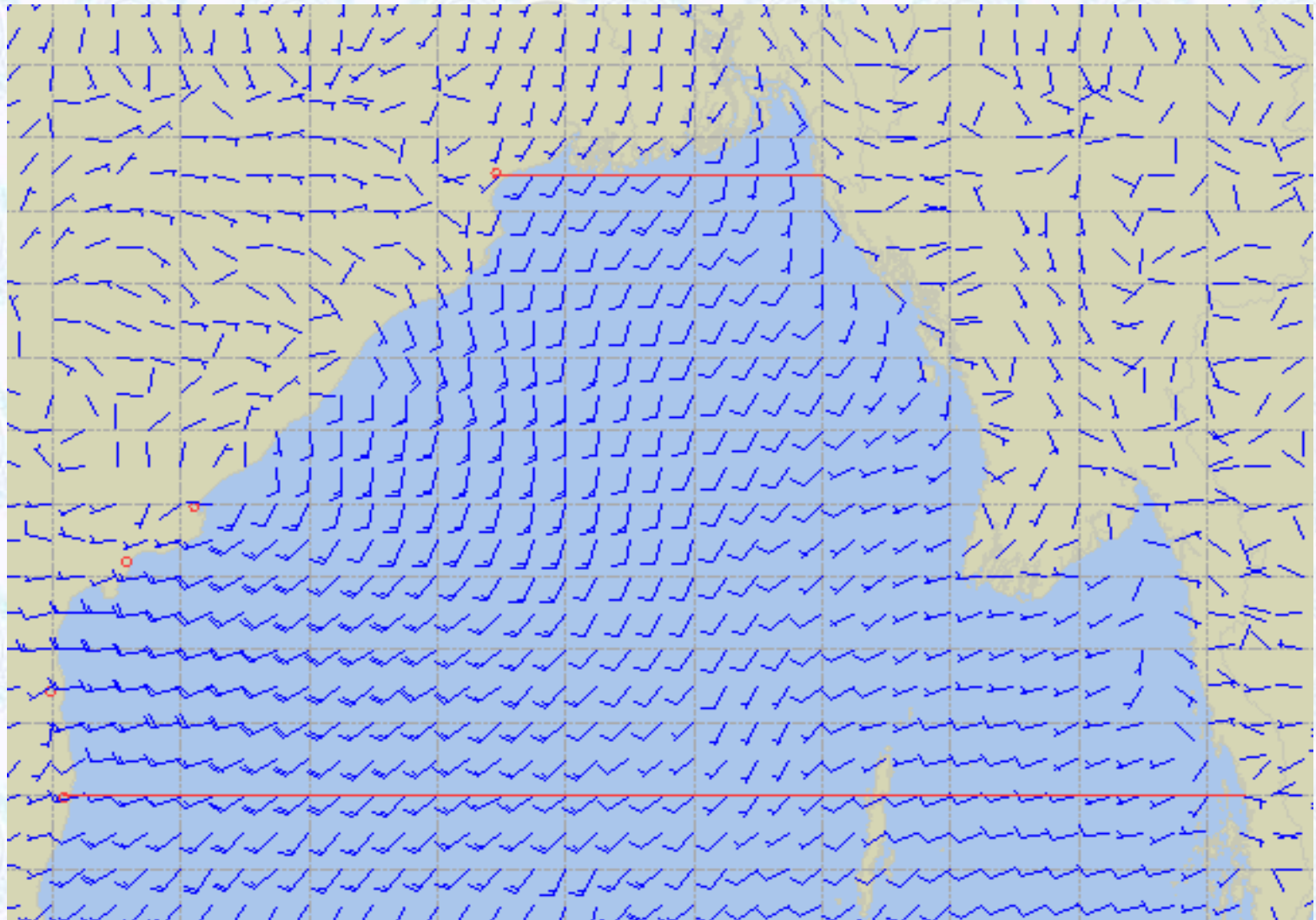
Inland River Port Warning **(VALID TILL 06 PM OF 16.09.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA,, FARIDPUR, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR, RANGPUR, MYMENSINGH AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



Surface Wind Forecast- 17 Sep- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



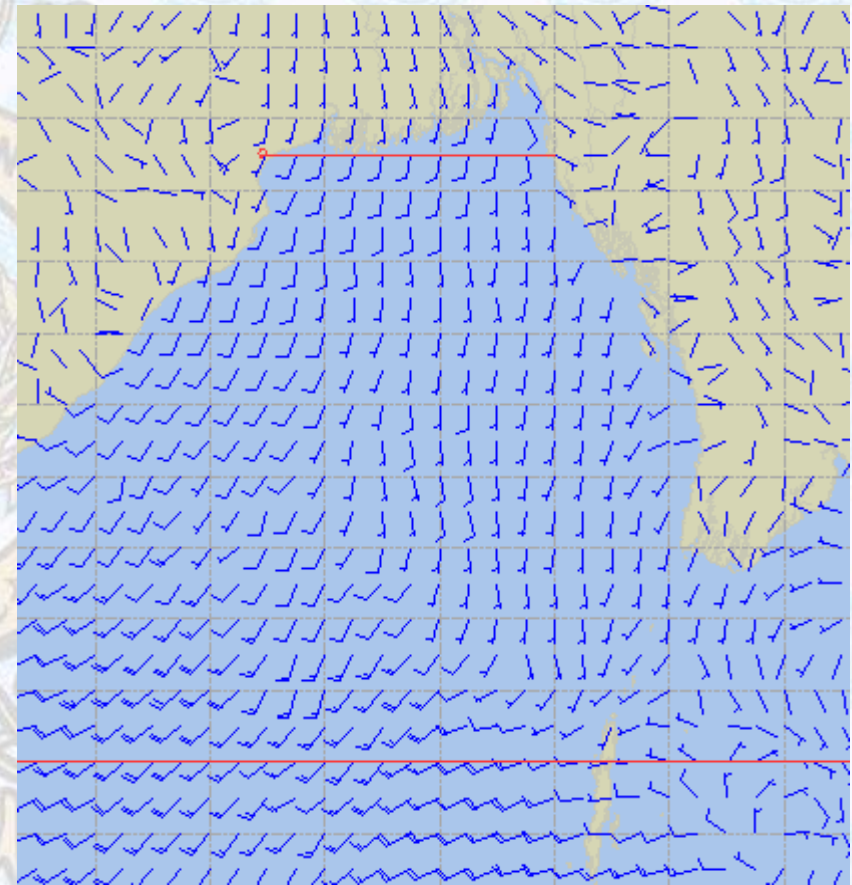
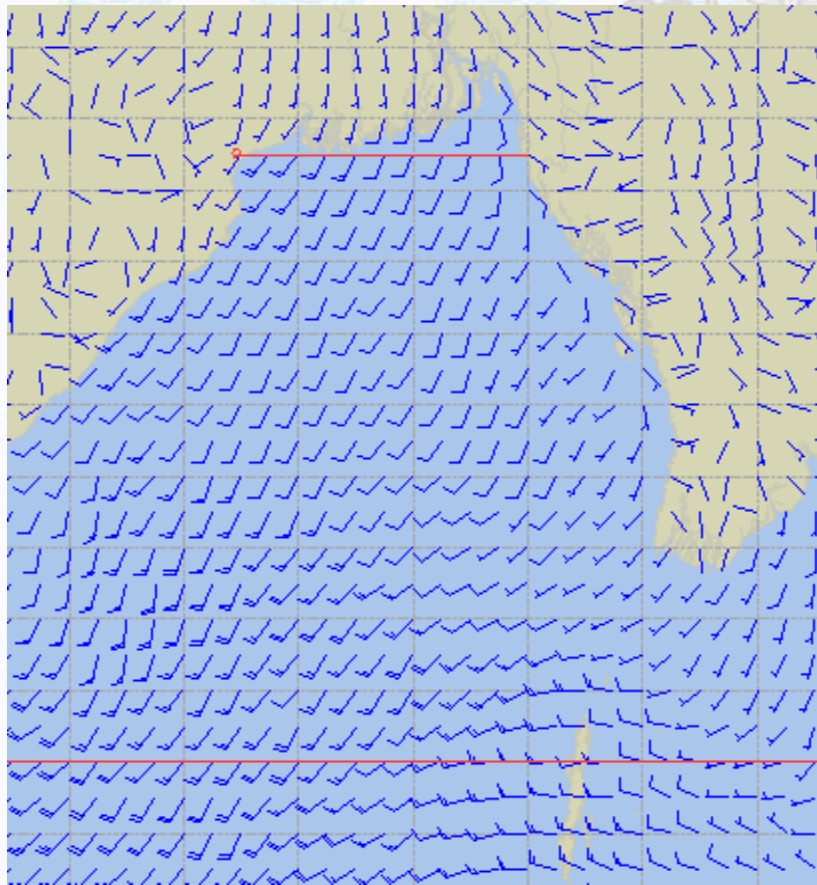
60 Knots



Surface Wind Forecast – 18 & 19 Sep - 2020

18 Sep 20 Friday

19 Sep 20 Saturday



Legend:



Calm
Winds



5 Knots



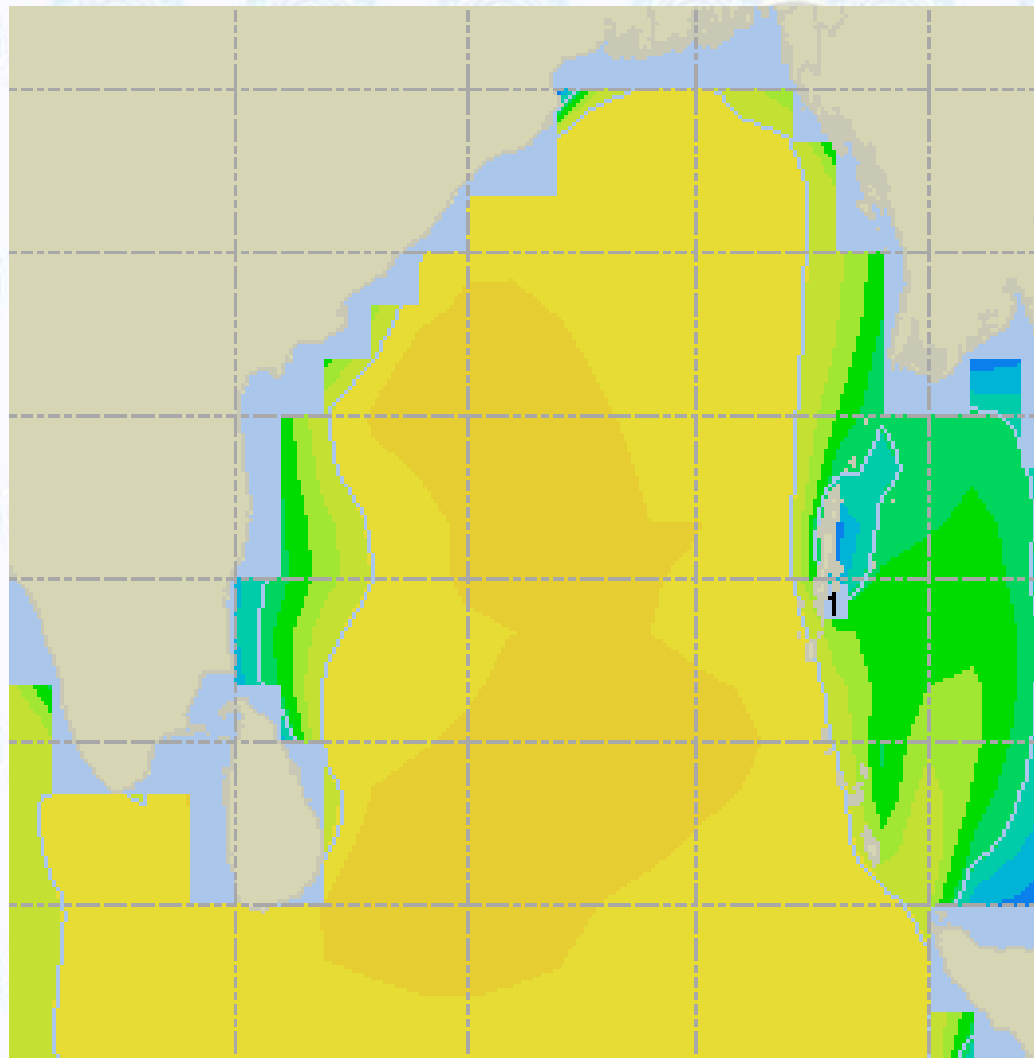
10 Knots



60 Knots



Sea State Forecast – 17 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

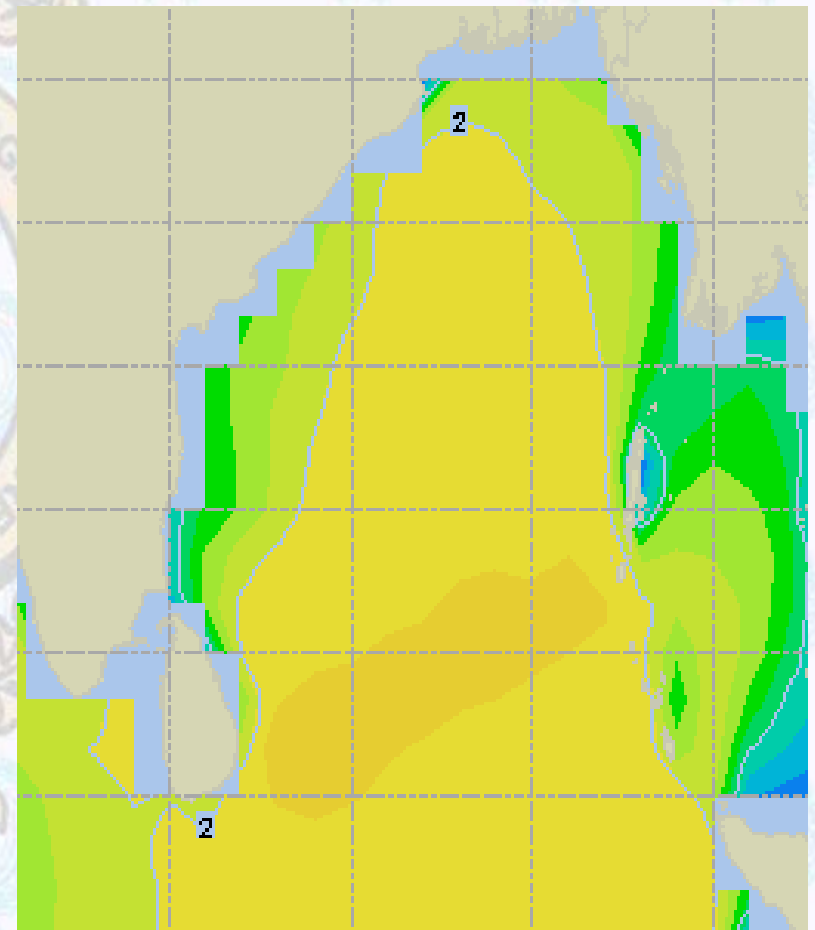
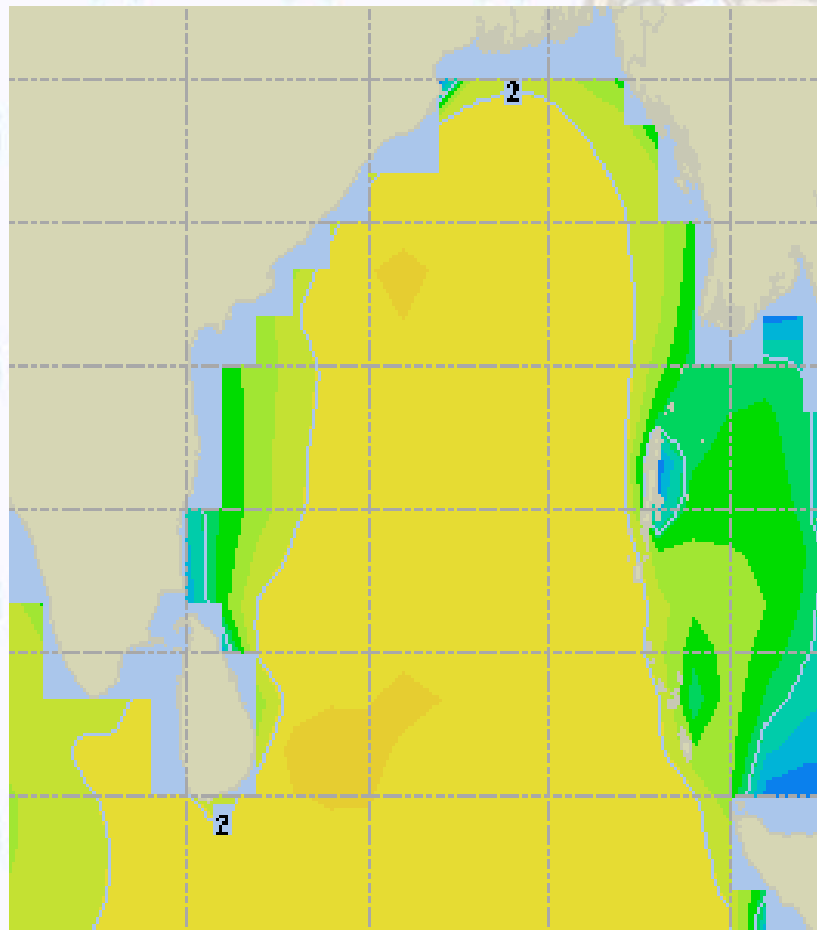




Sea State Forecast – 18 & 19 Sep - 2020

18 Sep 20 Friday

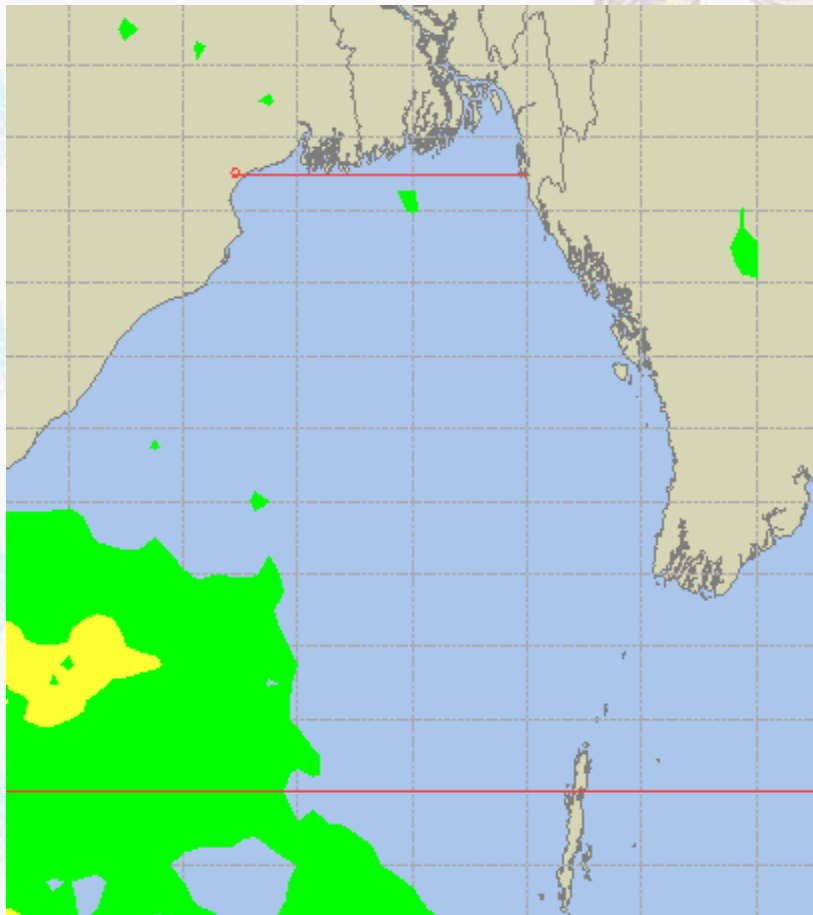
19 Sep 20 Saturday



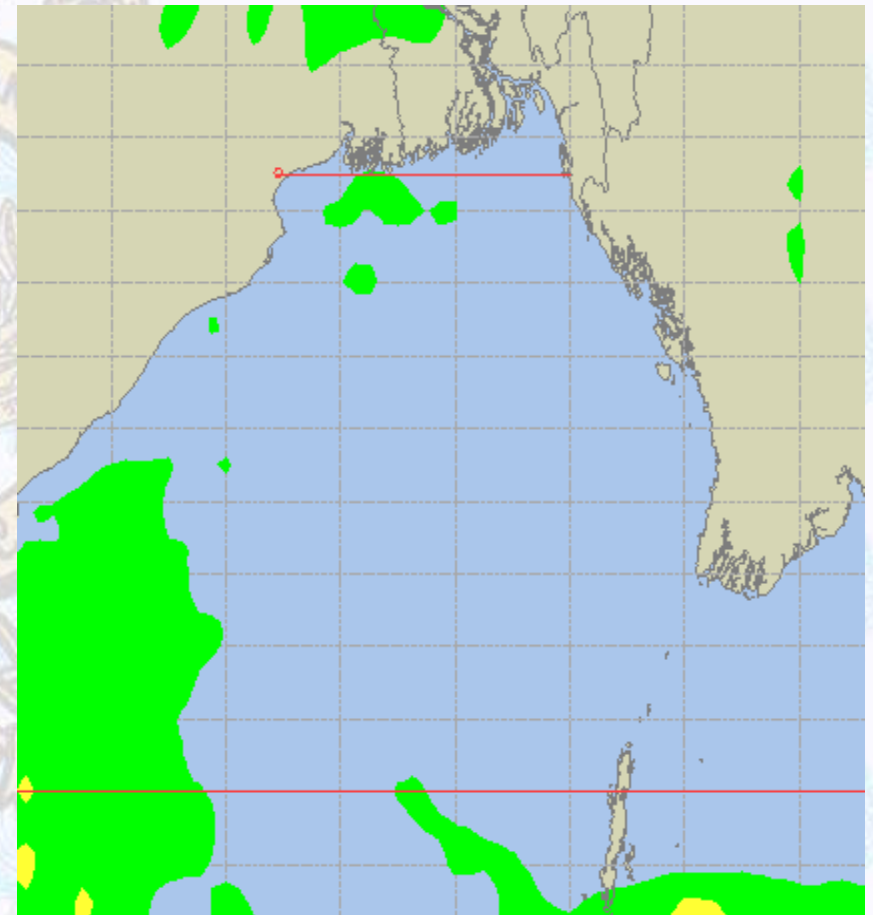


Peak Gusting Possibilities— 17 & 18 Sep 2020

17 Sep 20 Thursday



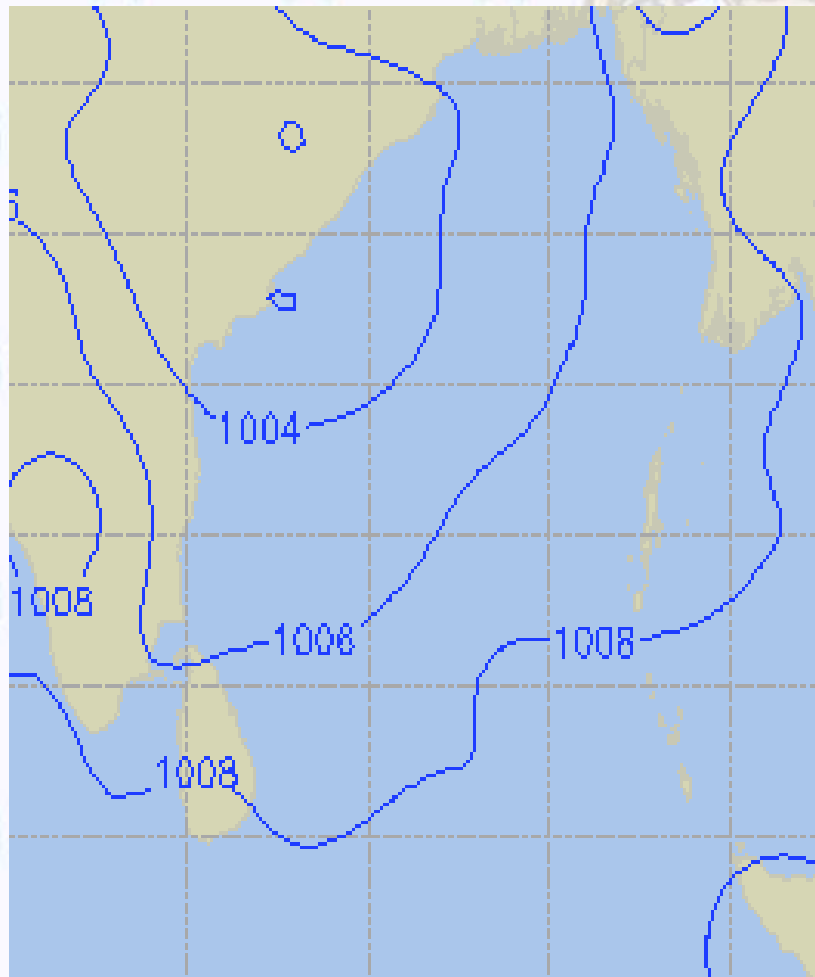
18 Sep 20 Friday



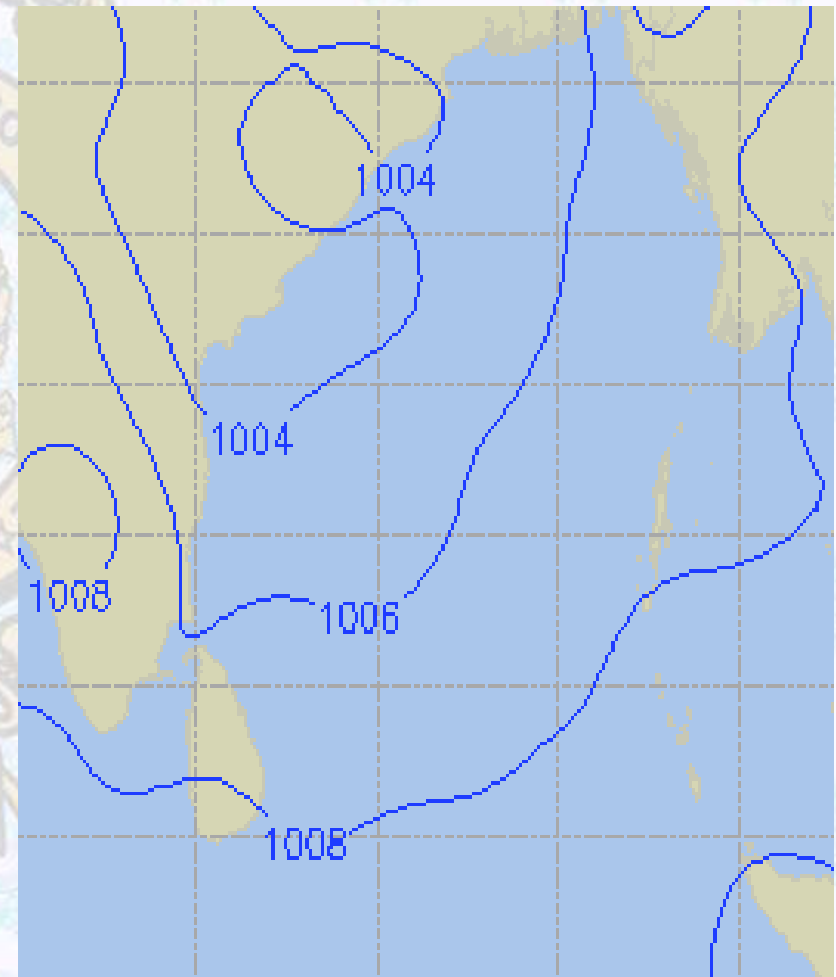


Surface Pressure forecast– 17 & 18 Sep 2020

17 Sep 20 Thursday



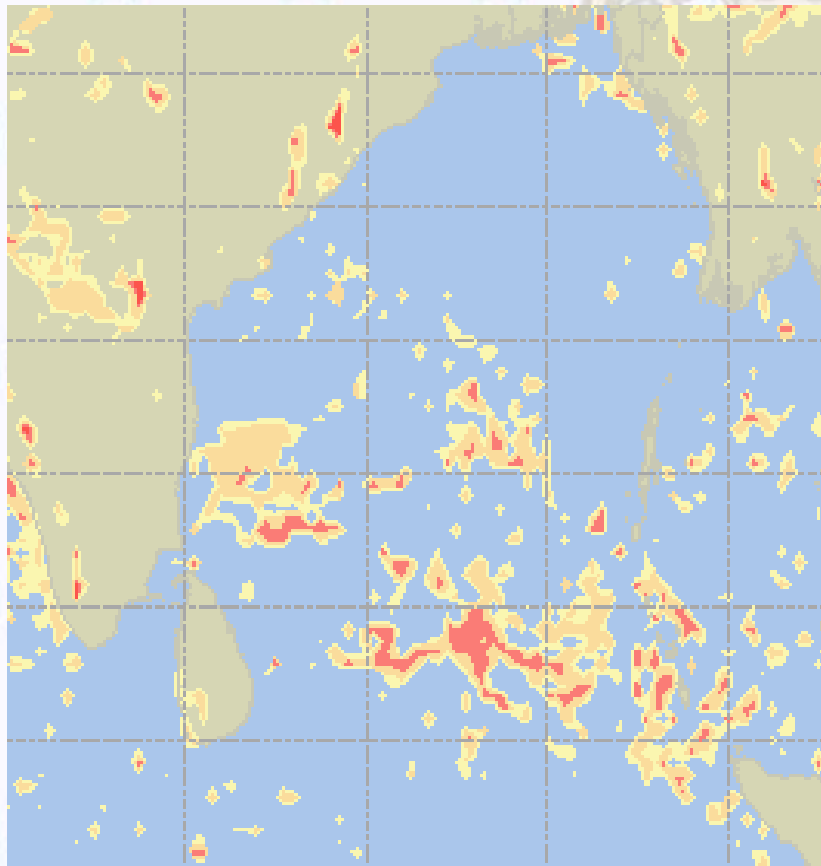
18 Sep 20 Friday



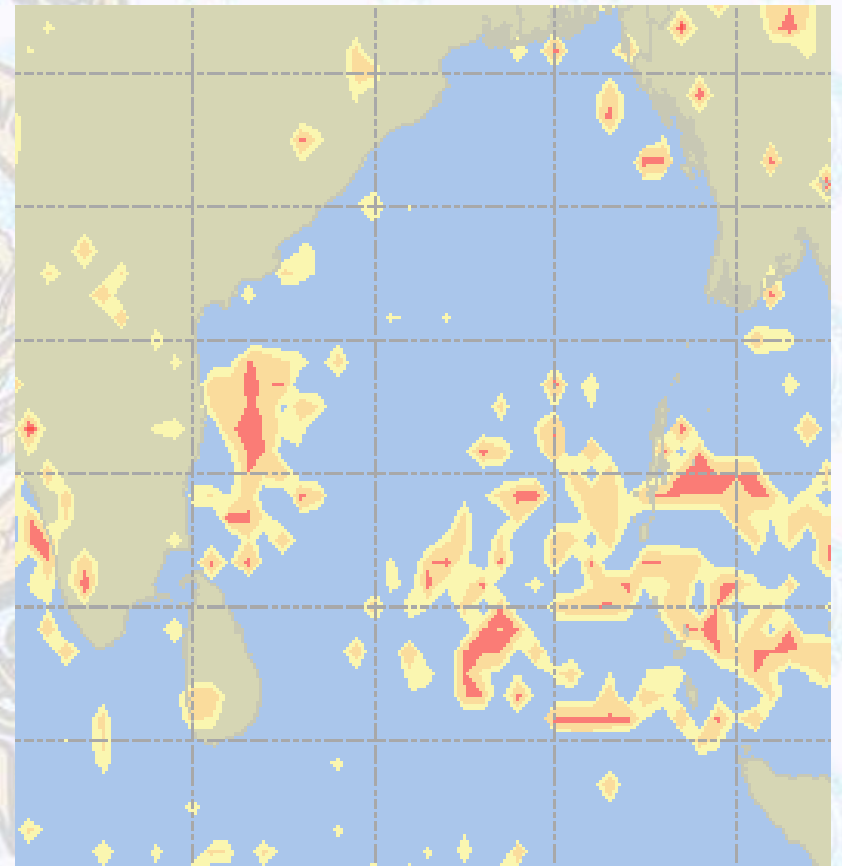


Visibility at Sea Forecast – 17 & 18 Sep 2020

17 Sep 20 Thursday



18 Sep 20 Friday



Visibility Scale:

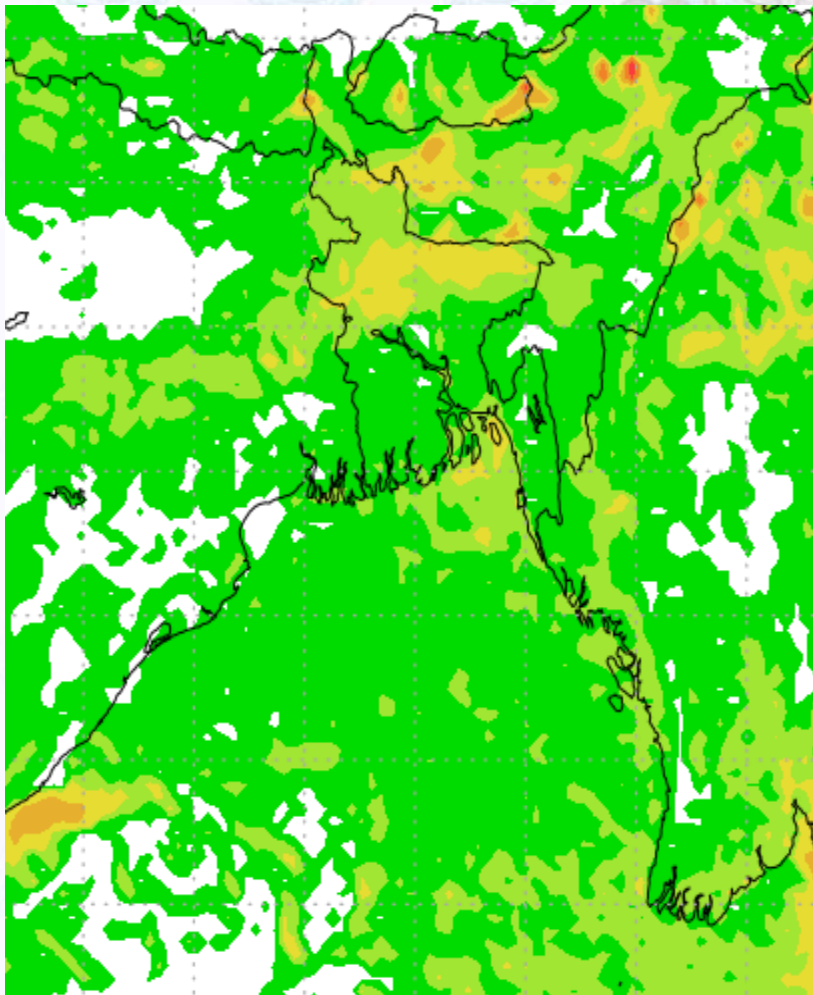


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

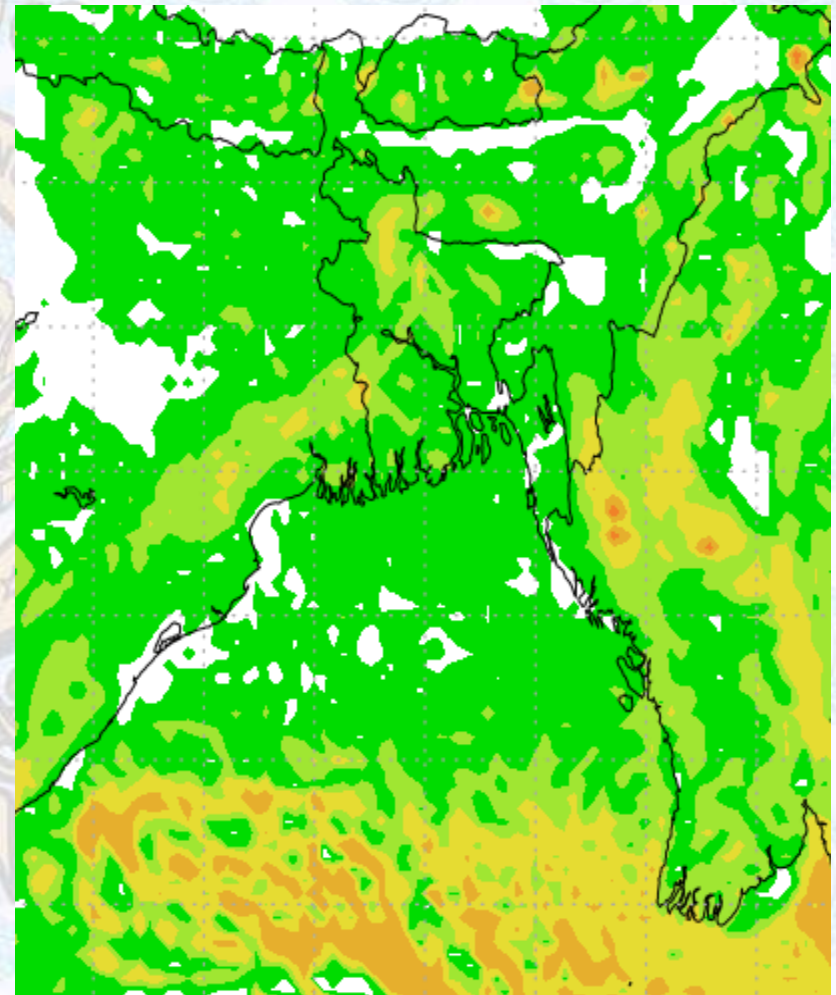


Precipitation

Rain(mm) 17 & 18 Sep 2020



Rain(mm) 18 & 19 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
17 Sep 2020	0033	5.14		0444	0.85		0420	0.78
	0702	0.67		1022	3.88		1019	3.46
	1244	5.40		1707	0.75		1648	0.64
	1929	0.54		2241	3.83		2244	3.45
18 Sep 2020	Time	Height		Time	Height		Time	Height
	0110	5.36		0527	0.74		0502	0.65
	0743	0.51		1102	3.97		1058	3.51
	1322	5.51		1748	0.66		1726	0.53
	2006	0.41		2321	3.91		2323	3.53
19 Sep 2020	Time	Height		Time	Height		Time	Height
	0146	5.48		0608	0.69		0543	0.61
	0822	0.42		1143	3.94		1136	3.48
	1401	5.51		1829	0.64		1803	0.51
	2043	0.34		-	-		-	-