



WEATHER FORECAST FOR BN

22 SEP- 25 SEP 2020





WEATHER FORECAST – DHAKA

22.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 25	29 / 25	28 / 24	28 / 25
Wind	19 km/h SSE	18 km/h SSE	15 km/h SE	18 km/h SE
Humidity	77%	80%	81%	81%
Chance of Precip	41%	49%	24%	47%
Cloud Cover	84%	88%	92%	92%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 48 AM 17: 56 PM			

Conditions

Pressure : 1002 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

22.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	27 / 26	27 / 26
Wind	22 km/h S	20 km/h SSE	16 km/h SSE	16 km/h SSE
Humidity	87%	87%	92%	90%
Chance of Precip.	30%	24%	64%	58%
Cloud Cover	92%	94%	96%	96%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 42 AM 17: 50 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

22.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	30 / 28	29 / 27	28 / 27
Wind	18 km/h SSE	16 km/h SSE	11 km/h SSE	10 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: 51 AM 17: 59 PM			

Conditions

Pressure : 1003 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	23 Sep 2020	24 Sep 2020	25 Sep 2020
Temperature (C)	30 °C/ 27 °C	30 °C/ 27 °C	31 °C/ 27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h47m48s/17h53m18s	5h48m12s/17h52m12s	5h48m30s/17h51m06s
Day Length	12h05m30s	12h04m00s	12h02m36s
Moon Rise/ Set	11:49AM 10:46 PM	12:49AM 11:41 PM	-
Moon Phase/ illu	Waxing Crescent 48%	First Quarter 59%	Waxing Gibbous, 0%
Nautical Twilight	04:58, 18:42	04:58, 18:41	04:59, 18:41
Civil Twilight	05:24, 18:16	05:25, 18:15	05:25, 18:15
Humidity	D : 81% N : 89%	D : 80% N : 86%	D : 82% N : 84%
Barometer (mb)	1005	1006	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	70%	60%	70%
Wind (mph)	15 Km/h S	14 Km/h SSW	15 Km/h SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	23 Sep 2020	24 Sep 2020	25 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	5h42m06s/17h47m36s	5h42m30s/17h46m36s	5h42m42s/17h45m30s
Day Length	12h05m30s	12h04m06s	12h02m48s
Moon Rise/ Set	11:40AM 10:43 PM	12:40AM 11:38 PM	-
Moon Phase/ illu	Waxing Crescent 48%	First Quarter 59%	Waxing Gibbous, 0%
NauticalTwilight	04:53, 18:36	04:53, 18:35	04:54, 18:35
Civil Twilight	05:19, 18:10	05:19, 18:09	05:20, 18:09
Humidity	D : 87% N : 92%	D : 87% N : 93%	D : 87% N : 93%
Barometer (mb)	1006	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	90%
Wind (mph)	18 Km/h S	16 Km/h S	16 Km/h S

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



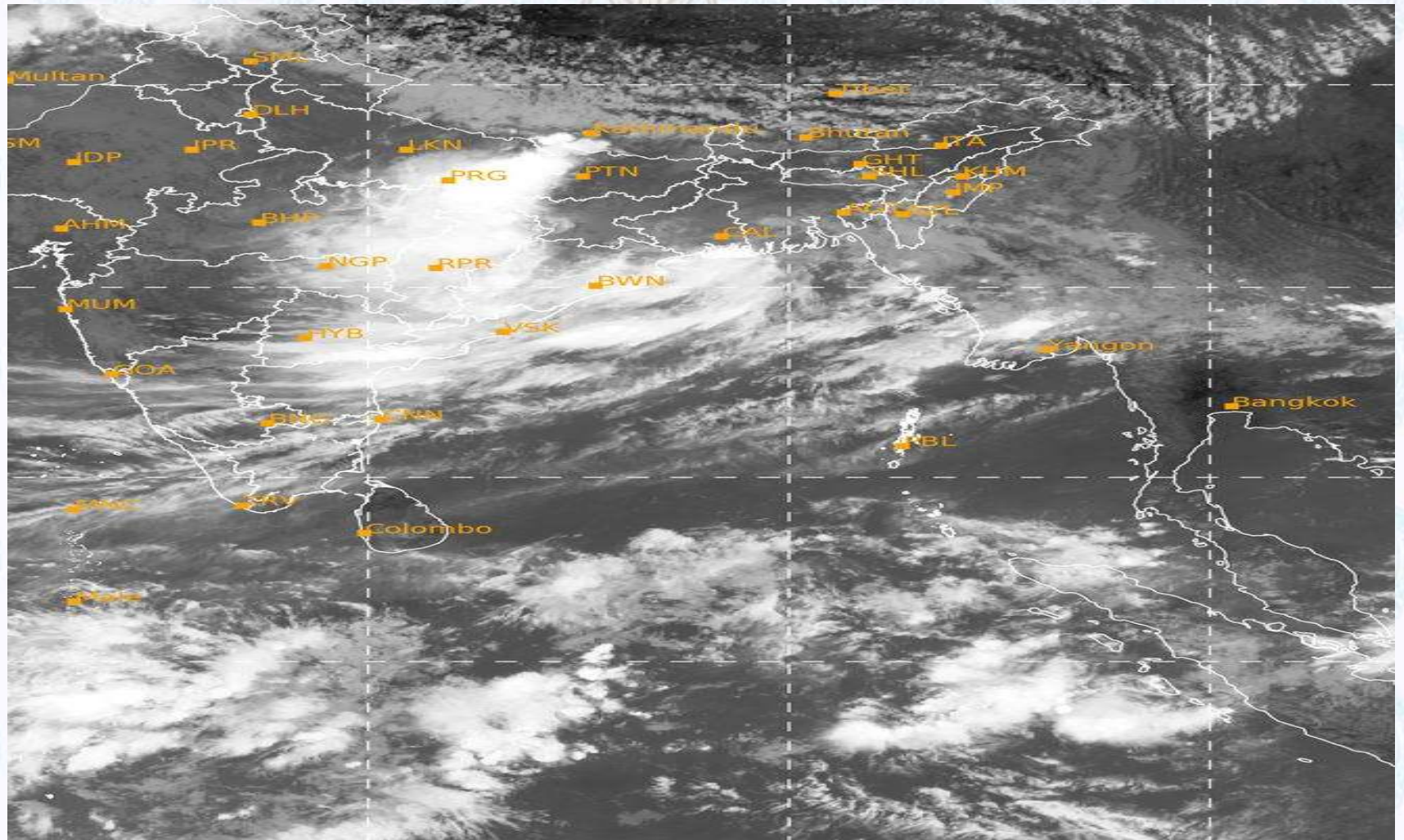
GENERAL WEATHER FORECAST – KHULNA

Description	23 Sep 2020	24 Sep 2020	25 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	5h51m12s/17h56m42s	5h51m36s/17h55m42s	5h51m54s/17h54m36s
Day Length	12h05m30s	12h04m06s	12h02m42s
Moon Rise/Set	11:50AM 10:53 PM	12:51AM 11:48 PM	-
Moon Phase/illu	Waxing Crescent 48%	First Quarter 59%	Waxing Gibbous, 0%
Nautical Twilight	05:02, 18:45	05:02, 18:44	05:03, 18:44
Civil Twilight	05:28, 18:19	05:28, 18:18	05:29, 18:18
Humidity	D : 85% N : 88%	D : 84% N : 87%	D : 84% N : 87%
Barometer (mb)	1004	1006	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	80%	80%
Wind (mph)	16 km/h S	16 km/h SSW	16 km/h SSW

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



SATELLITE VIEW OF BAY OF BENGAL

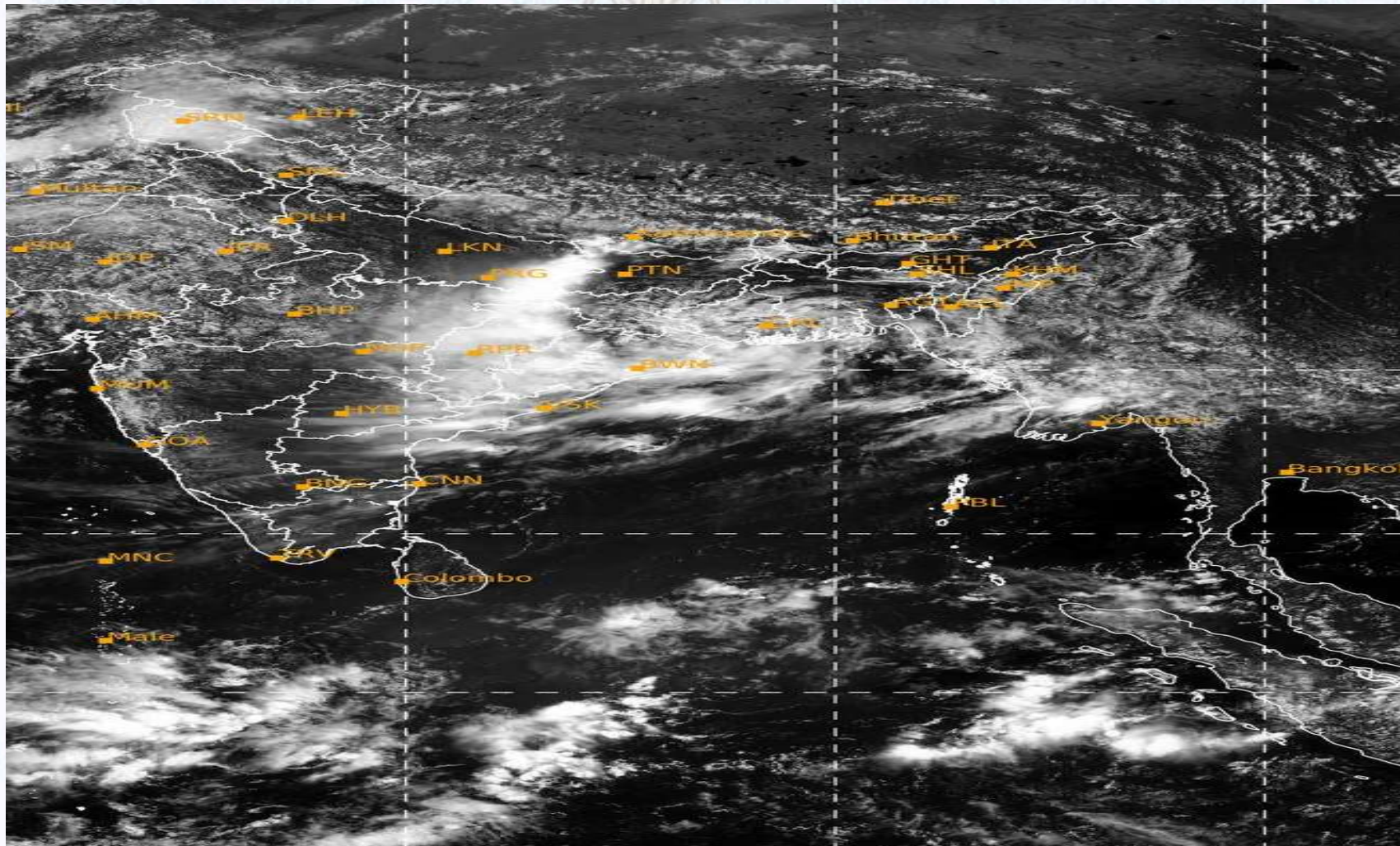


22/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



22/09/2020, 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 22.09.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	THE LOW OVER NORTH-WEST BAY AND ADJOINING ODISHA-WEST BENGAL COAST NOW LIES OVER NORTH CENTRAL ODISHA AND ADJOINING NORTH-WEST BAY AND GANGATIC WEST BENGAL. MONSOON IS 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 = 22,0000 UTC. CHATTOGRAM =1003 HPA



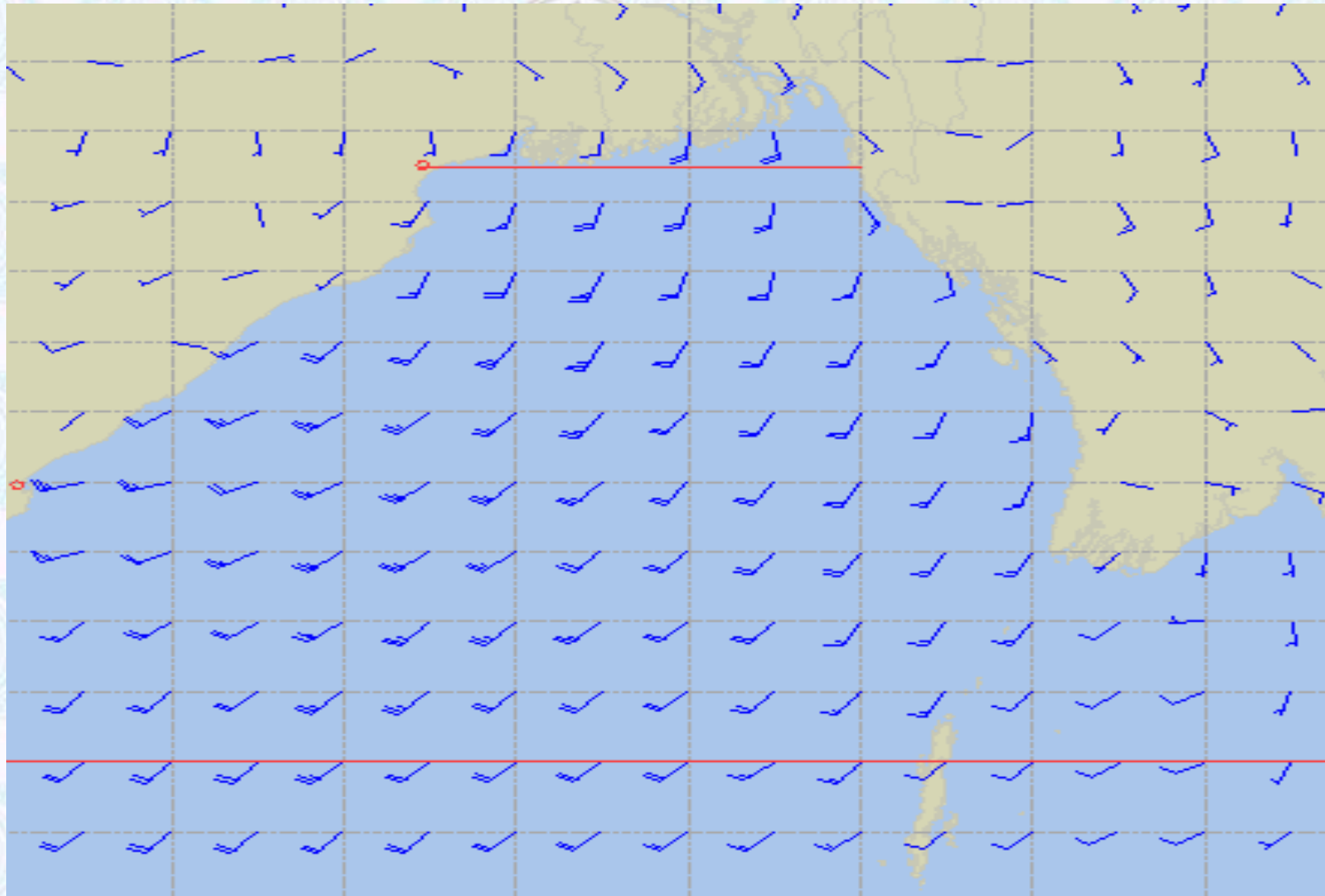
Inland River Port Warning **(VALID TILL 06 PM OF 22.09.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH/SOUTH-EASTERLY**, GUSTY/SQUALLY WIND SPEED **45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, DINAJPUR, RAJSHAHI, BOGURA, PABNA, MYMENSINGH, SYLHET , TANGAIL, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, 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- 23 Sep- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



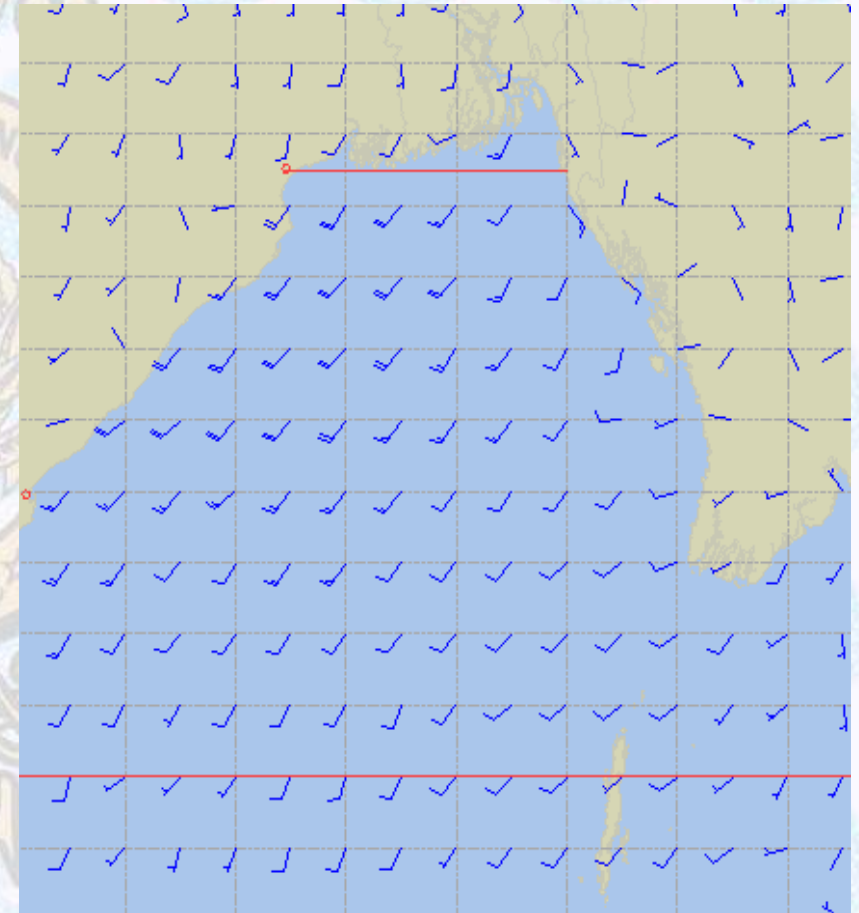
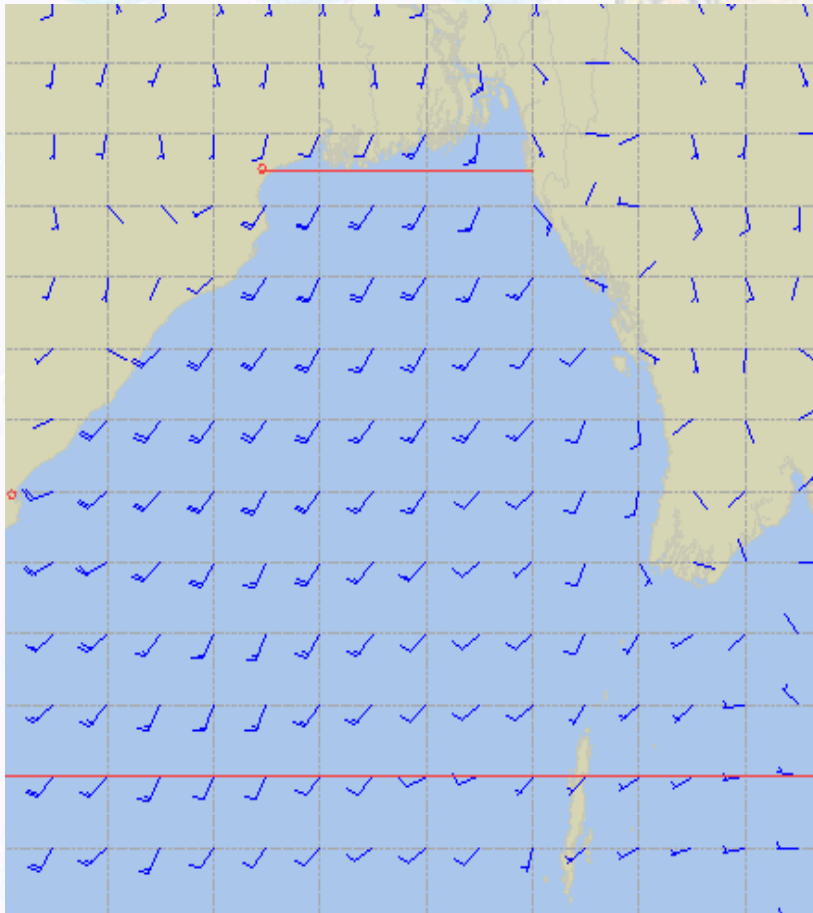
60 Knots



Surface Wind Forecast – 24 & 25 Sep - 2020

24 Sep 20 Thursday

25 Sep 20 Friday



Legend:



**Calm
Winds**



5 Knots



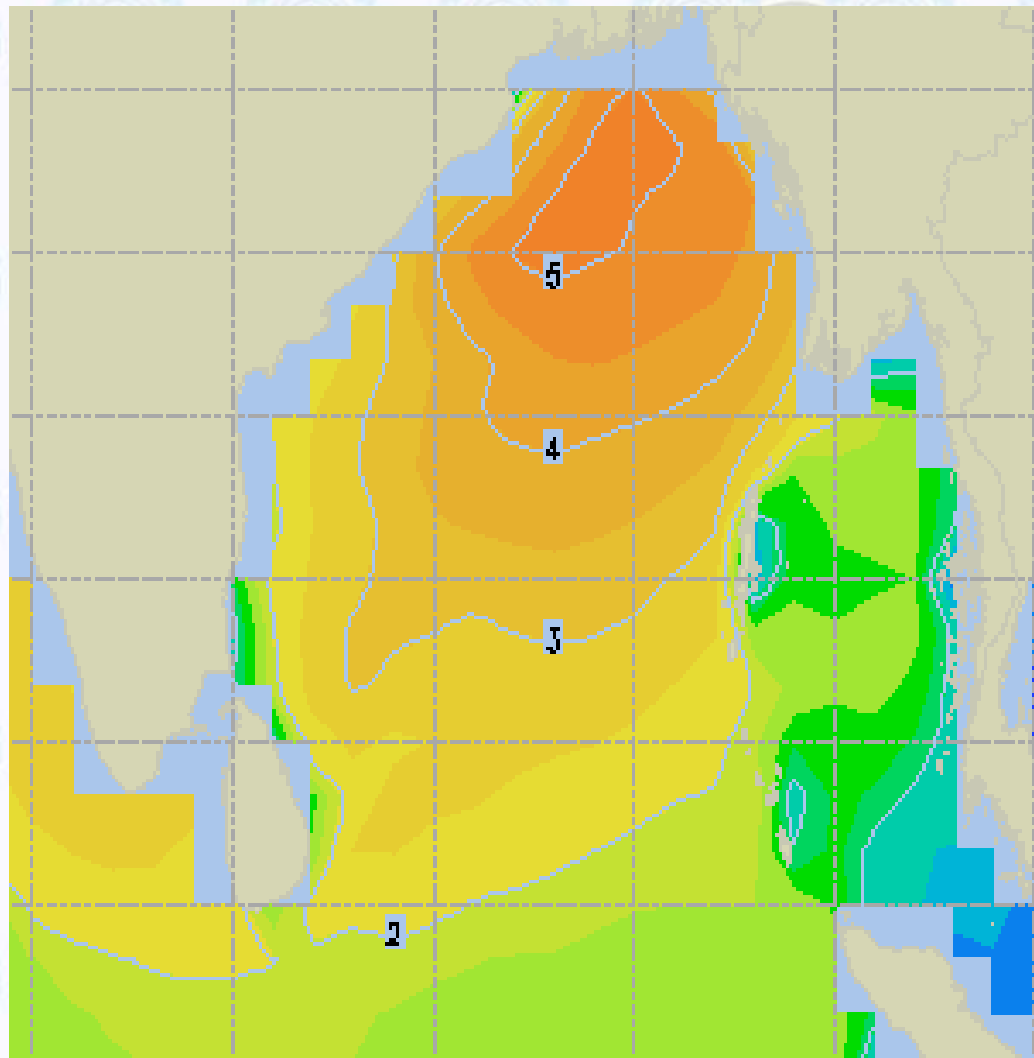
10 Knots



60 Knots



Sea State Forecast – 23 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

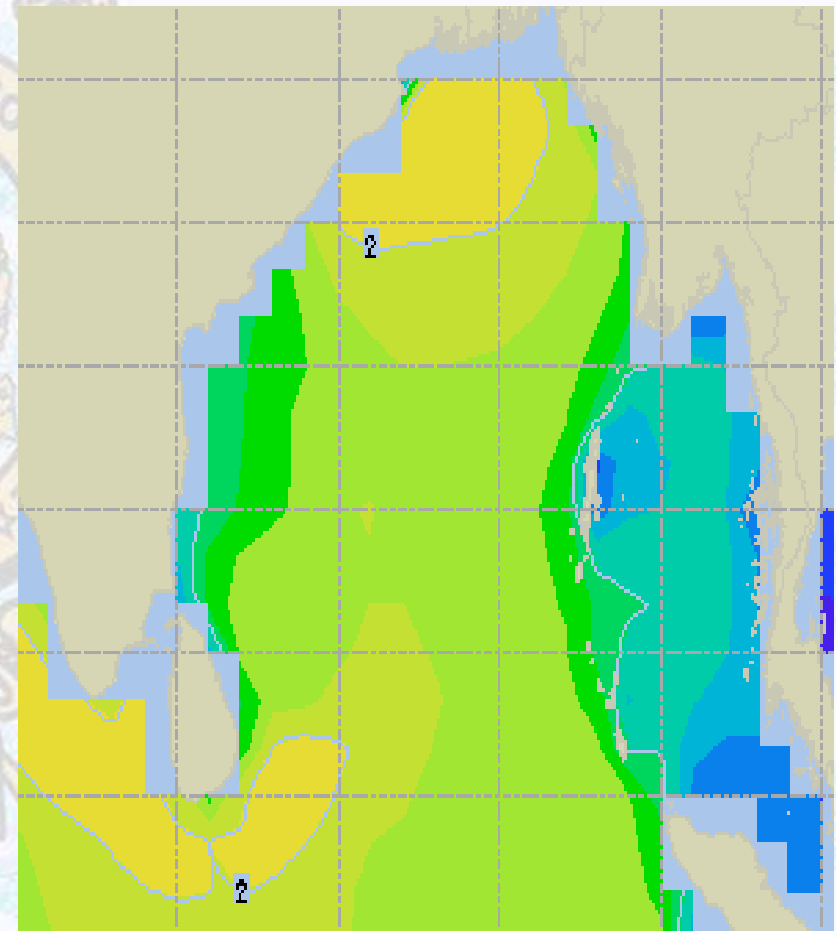
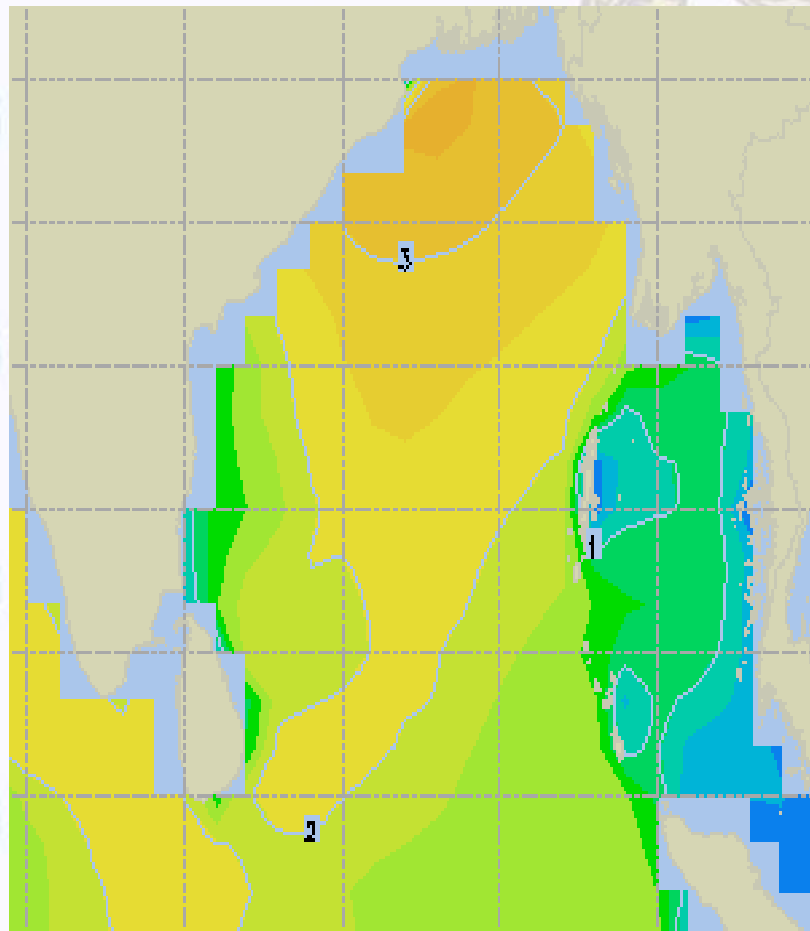




Sea State Forecast – 24 & 25 Sep - 2020

24 Sep 20 Thursday

25 Sep 20 Friday

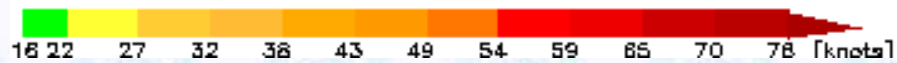
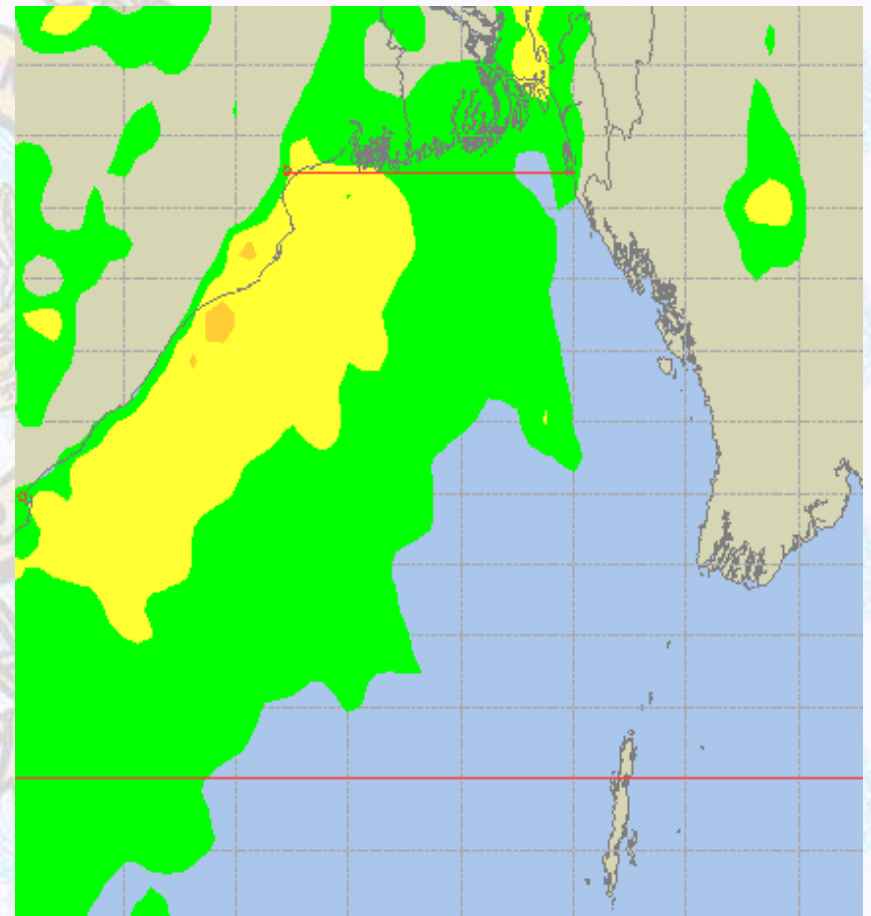
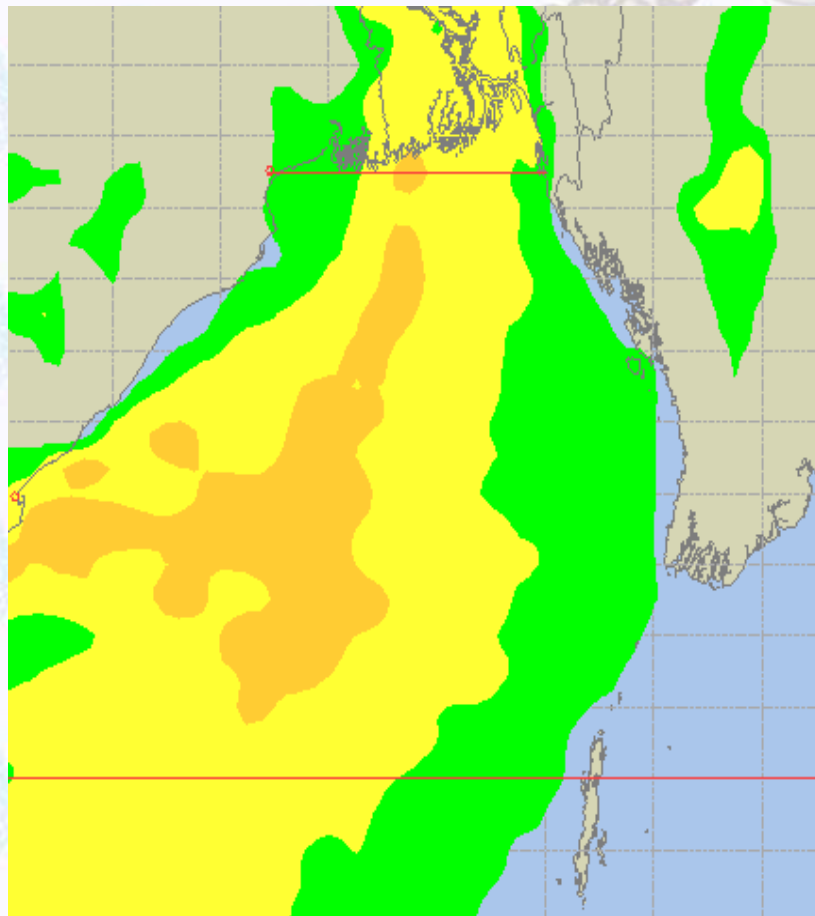




Peak Gusting Possibilities— 23 & 24 Sep 2020

23 Sep 20 Wednesday

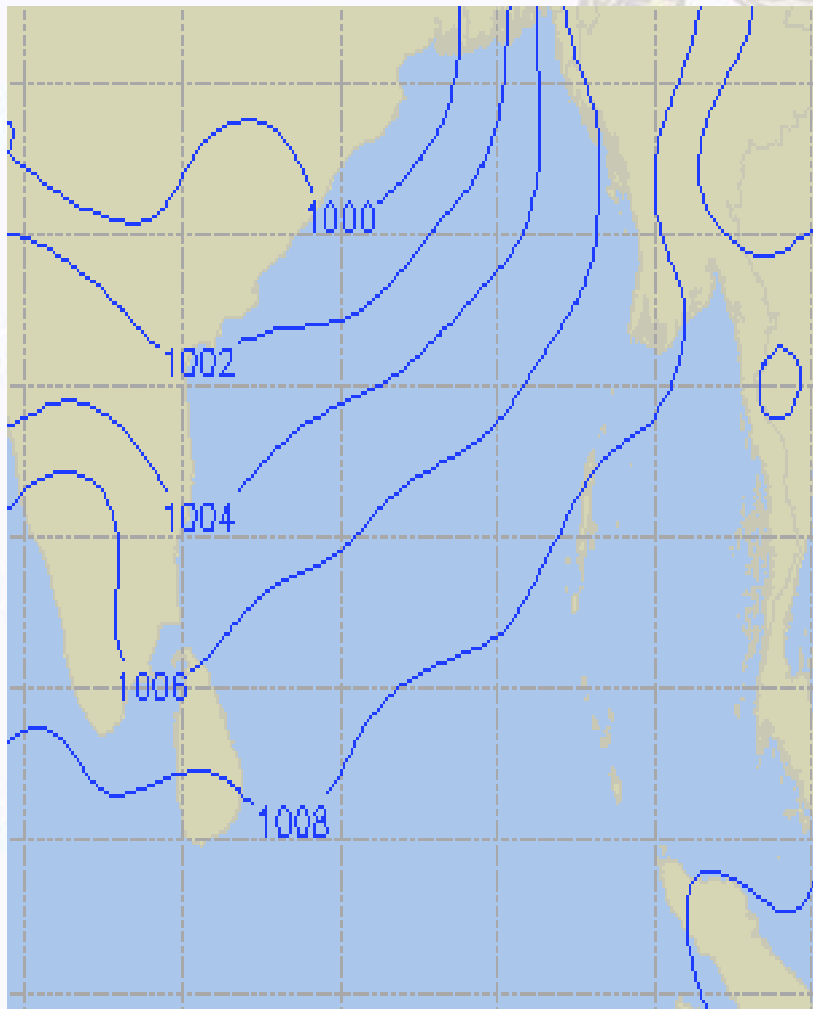
24 Sep 20 Thursday



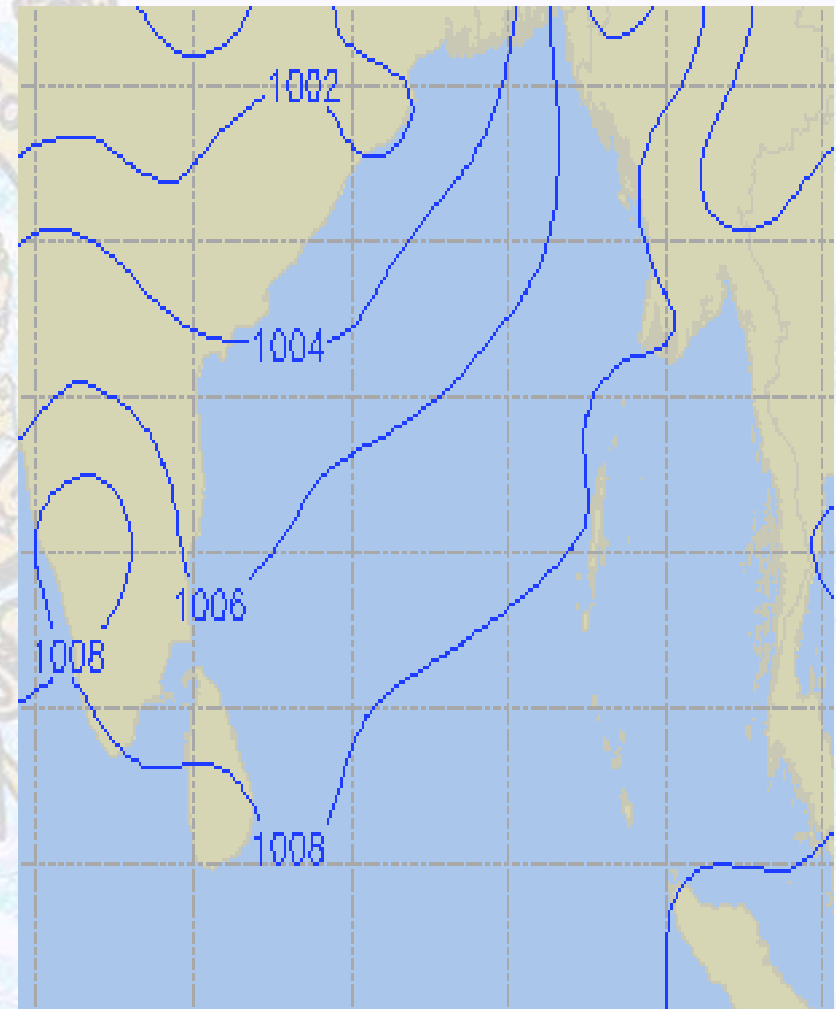


Surface Pressure forecast– 23 & 24 Sep 2020

23 Sep 20 Wednesday



24 Sep 20 Thursday

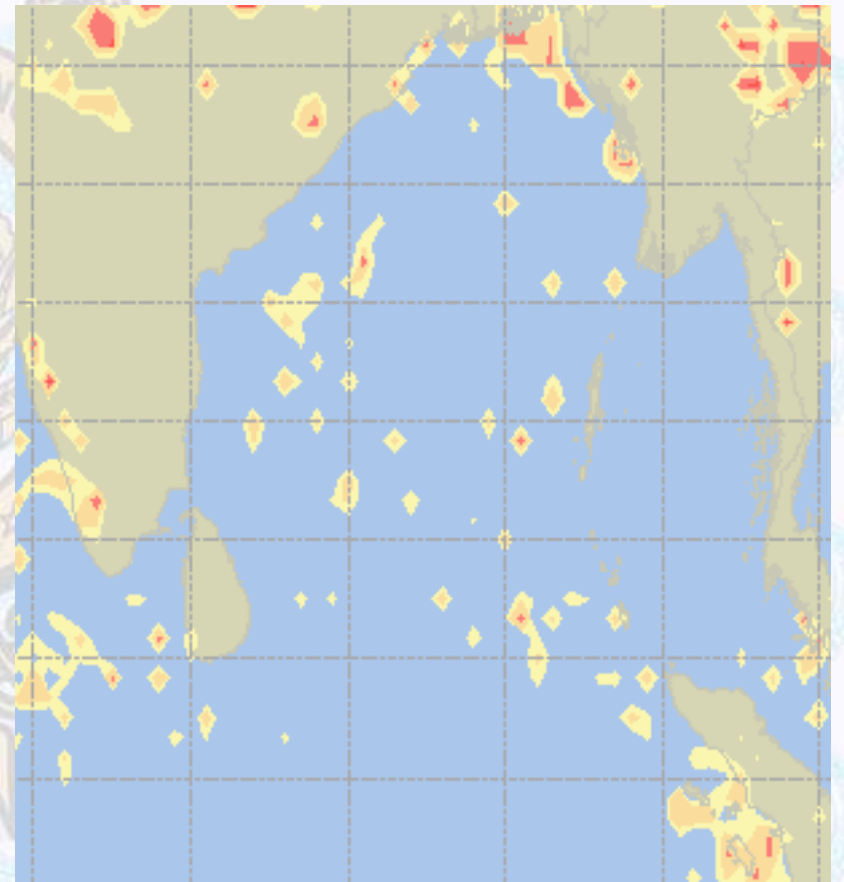
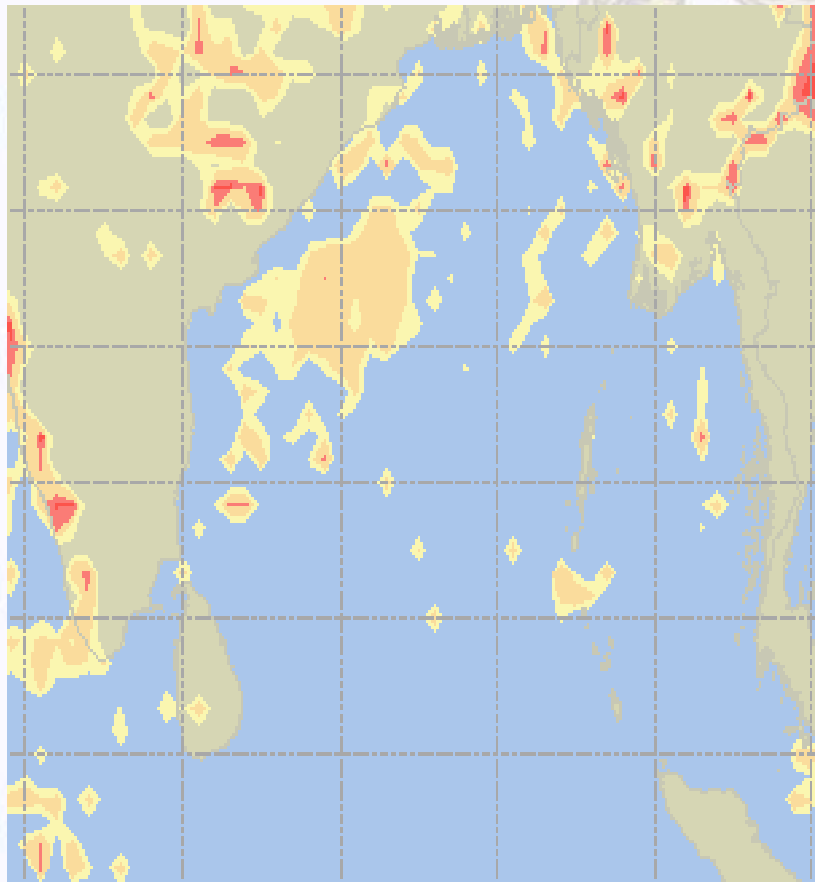




Visibility at Sea Forecast – 23 & 24 Sep 2020

23 Sep 20 Wednesday

24 Sep 20 Thursday



Visibility Scale:



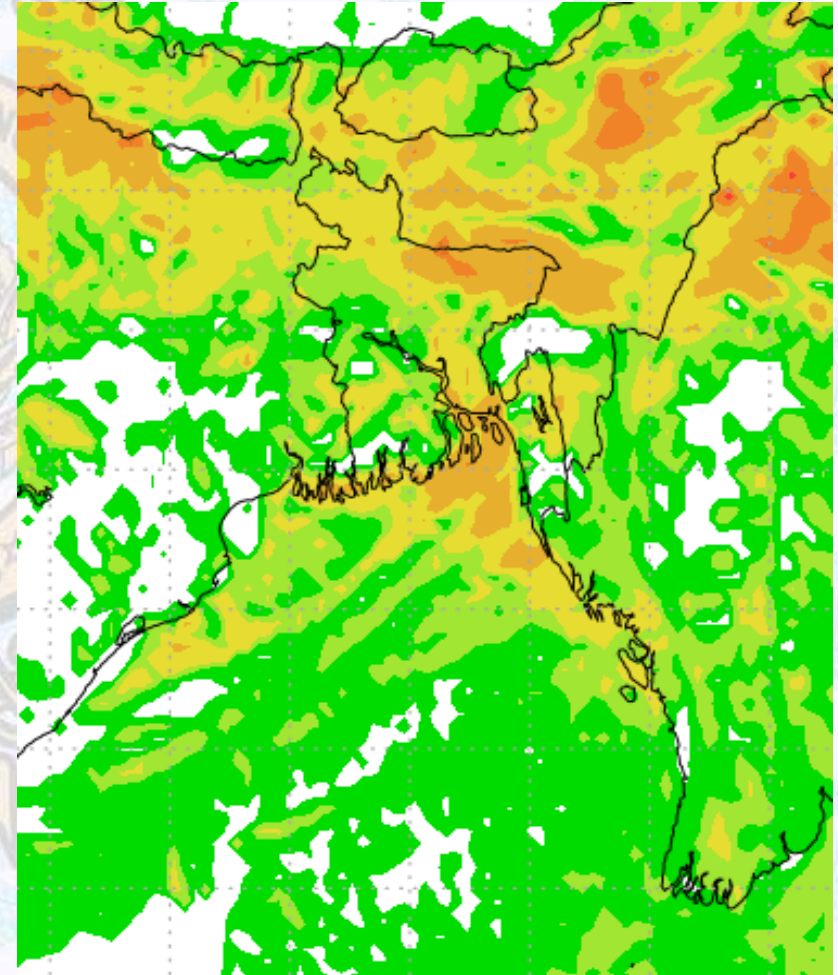
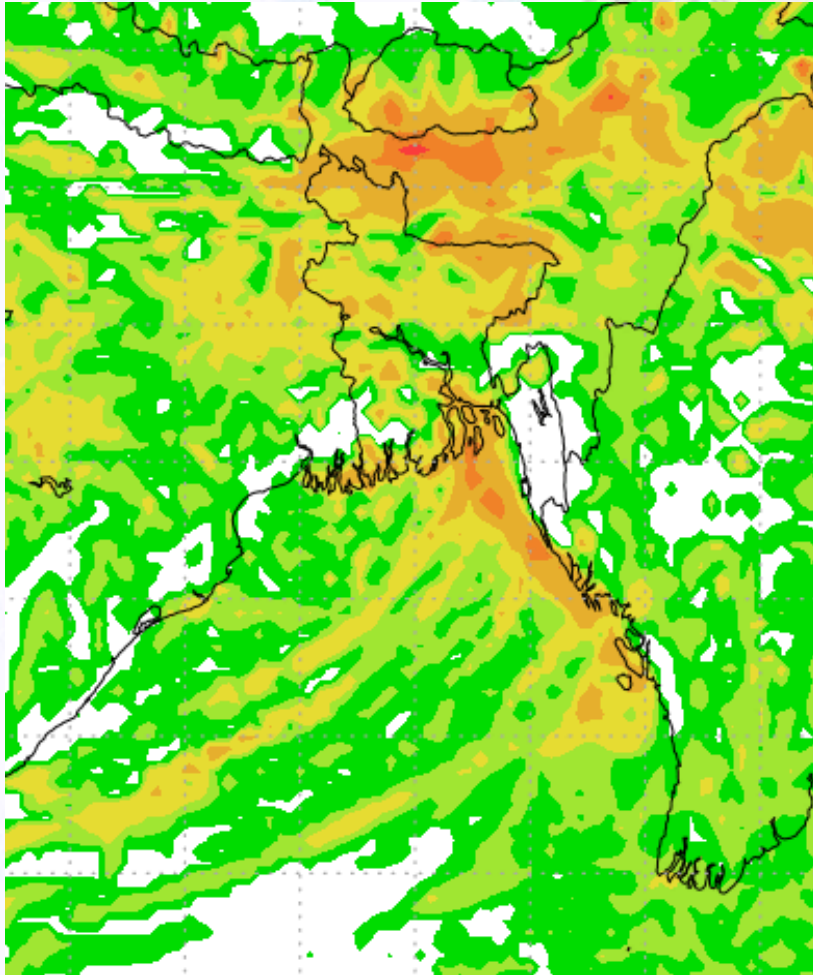
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 23 & 24 Sep 2020

Rain(mm) 24 & 25 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
23 Sep 2020	0448	4.87		0223	3.28		0207	3.06
	1123	0.99		0903	1.07		0832	1.26
	1721	4.38		1448	2.98		1424	2.72
	2341	1.18		2123	1.15		2042	1.25
24 Sep 2020	Time	Height		Time	Height		Time	Height
	0555	4.52		0319	3.02		0304	2.83
	1234	1.28		1001	1.24		0938	1.50
	1840	4.01		1552	2.71		1529	2.48
	-	-		2230	1.32		2151	1.49
25 Sep 2020	Time	Height		Time	Height		Time	Height
	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