



WEATHER FORECAST FOR BN

30 SEP- 03 OCT 2020



WEATHER FORECAST – DHAKA

30.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 25	32 / 25	29 / 25	29 / 25
Wind	7 km/h SE	5 km/h SSW	4 km/h S	3 km/h SSE
Humidity	64%	67%	78%	81%
Chance of Precip	12%	13%	16%	4%
Cloud Cover	67%	73%	72%	75%
Conditions	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sunrise Sunset	5: 50 AM 17: 48 PM			

Conditions

Pressure : 1004 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

30.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	29 / 26	28 / 26	28 / 26
Wind	9 km/h W	6 km/h W	2 km/h E	4 km/h E
Humidity	76%	84%	90%	90%
Chance of Precip.	16%	15%	24%	41%
Cloud Cover	67%	62%	77%	81%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 45 AM 17: 42 PM			

Conditions

Pressure : 1004 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

30.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	31 / 27	29 / 27	28 / 27
Wind	7 km/h ESE	5 km/h E	2 km/h ESE	2 km/h E
Humidity	75%	80%	90%	93%
Chance of Precip.	19%	18%	21%	8%
Cloud Cover	76%	78%	67%	75%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 54 AM 17: 51 PM			

Conditions

Pressure : 1003 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	01 Oct 2020	02 Oct 2020	03 Oct 2020
Temperature (C)	32 °C/ 27 °C	32 °C/ 27 °C	31 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h50m06s/17h45m18s	5h50m36s/17h44m18s	5h51m00s/17h43m18s
Day Length	11h55m12s	11h53m42s	11h52m18s
Moon Rise/ Set	5:46 PM 5:09 AM	6:16 PM 5:59 AM	6:48 PM 6:49 AM
Moon Phase/ illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 98%
NauticalTwilight	05:01, 18:34	05:02, 18:34	05:02, 18:32
Civil Twilight	05:27, 18:08	05:28, 18:08	05:28, 18:06
Humidity	D : 73% N : 84%	D : 77% N : 85%	D : 77% N : 84%
Barometer (mb)	1003	1004	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	20%	50%	40%
Wind (mph)	7 Km/h SE	9 Km/h SE	9 Km/h SE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	01 Oct 2020	02 Oct 2020	03 Oct 2020
Temperature (C)	32 °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	5h43m54s/17h40m00s	5h44m18s/17h39m00s	5h44m36s/17h38m00s
Day Length	11h56m06s	11h54m42s	11h53m24s
Moon Rise/ Set	5:39 PM 5:04 AM	6:11 PM 6:53 AM	6:43 PM 6:42 AM
Moon Phase/ illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 98%
NauticalTwilight	04:55, 18:28	04:56, 18:28	04:56, 18:26
Civil Twilight	05:21, 18:02	05:20, 18:02	05:22, 18:00
Humidity	D : 82% N : 92%	D : 82% N : 92%	D : 82% N : 92%
Barometer (mb)	1004	1005	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	70%	60%	70%
Wind (mph)	9 Km/h S	10 Km/h S	10 Km/h SSE

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



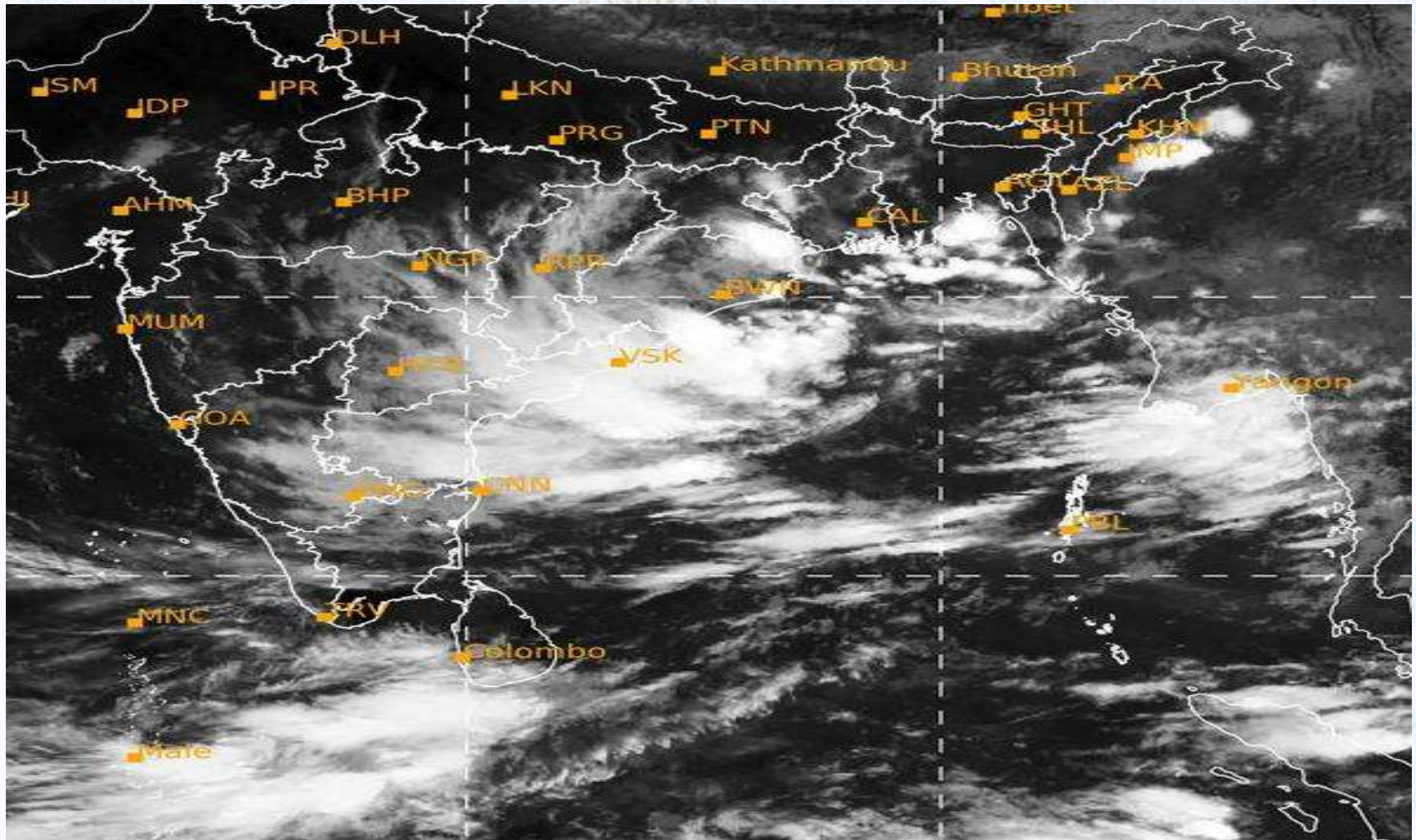
GENERAL WEATHER FORECAST – KHULNA

Description	01 Oct 2020	02 Oct 2020	03 Oct 2020
Temperature(C)	32°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	5h53m54s/17h49m00s	5h53m36s/17h48m00s	5h54m00s/17h47m00s
Day Length	11h55m48s	11h54m24s	11h53m00s
Moon Rise/Set	5:49 PM 5:13 PM	6:20 PM 6:03 PM	6:52 PM 6:52 PM
Moon Phase/illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 98%
Nautical Twilight	05:04, 18:37	05:05, 18:37	05:05, 18:35
Civil Twilight	05:30, 18:11	05:29, 18:11	05:31, 18:09
Humidity	D : 79% N : 88%	D : 83% N : 90%	D : 82% N : 88%
Barometer (mb)	1003	1003	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	70%	90%
Wind (mph)	9 km/h ESE	11 km/h ESE	12 km/h ESE

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



SATELLITE VIEW OF BAY OF BENGAL

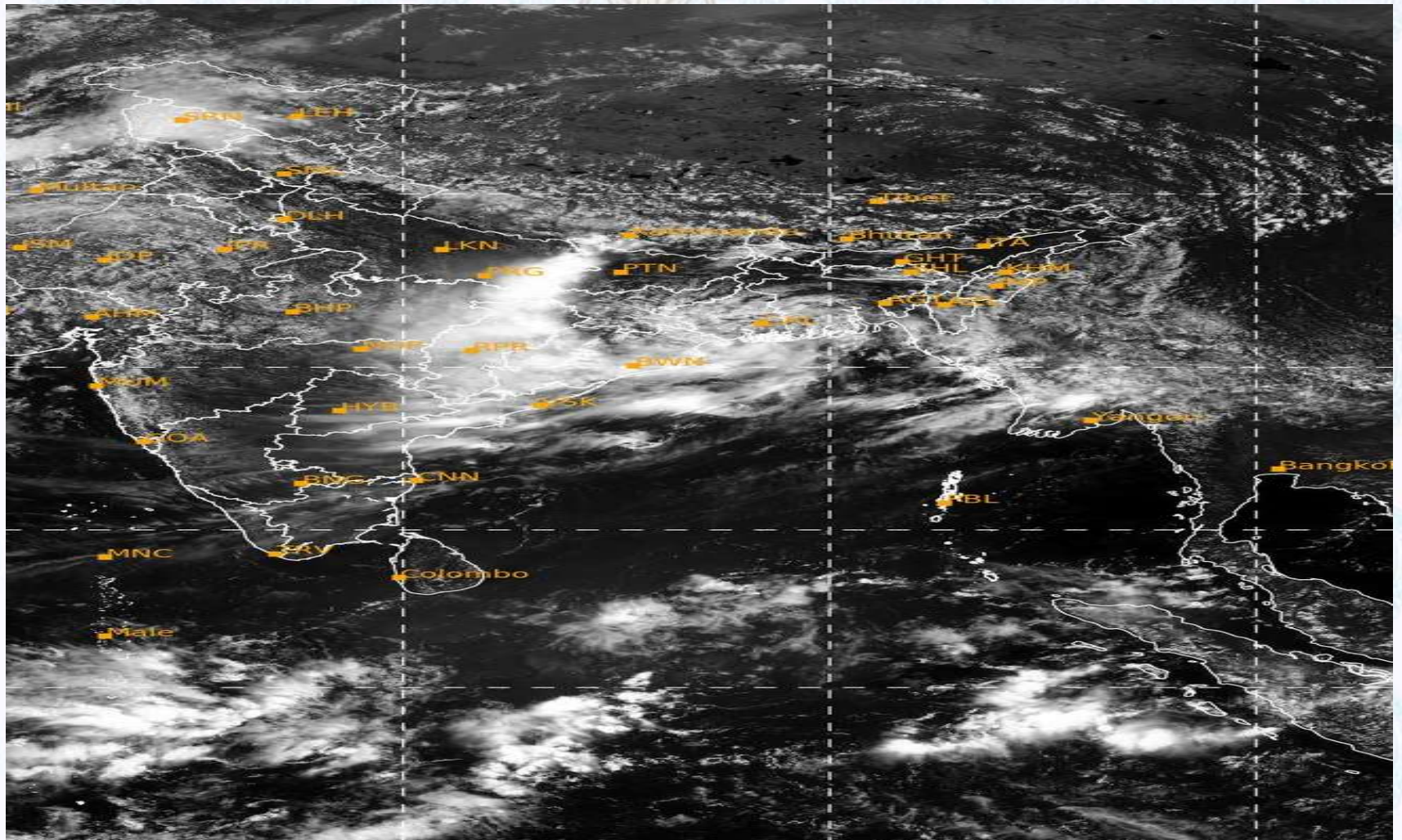


30/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



30/09/2020, 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 30.09.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	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 METERS OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 30,0000 UTC. CHATTOGRAM =1004 HPA



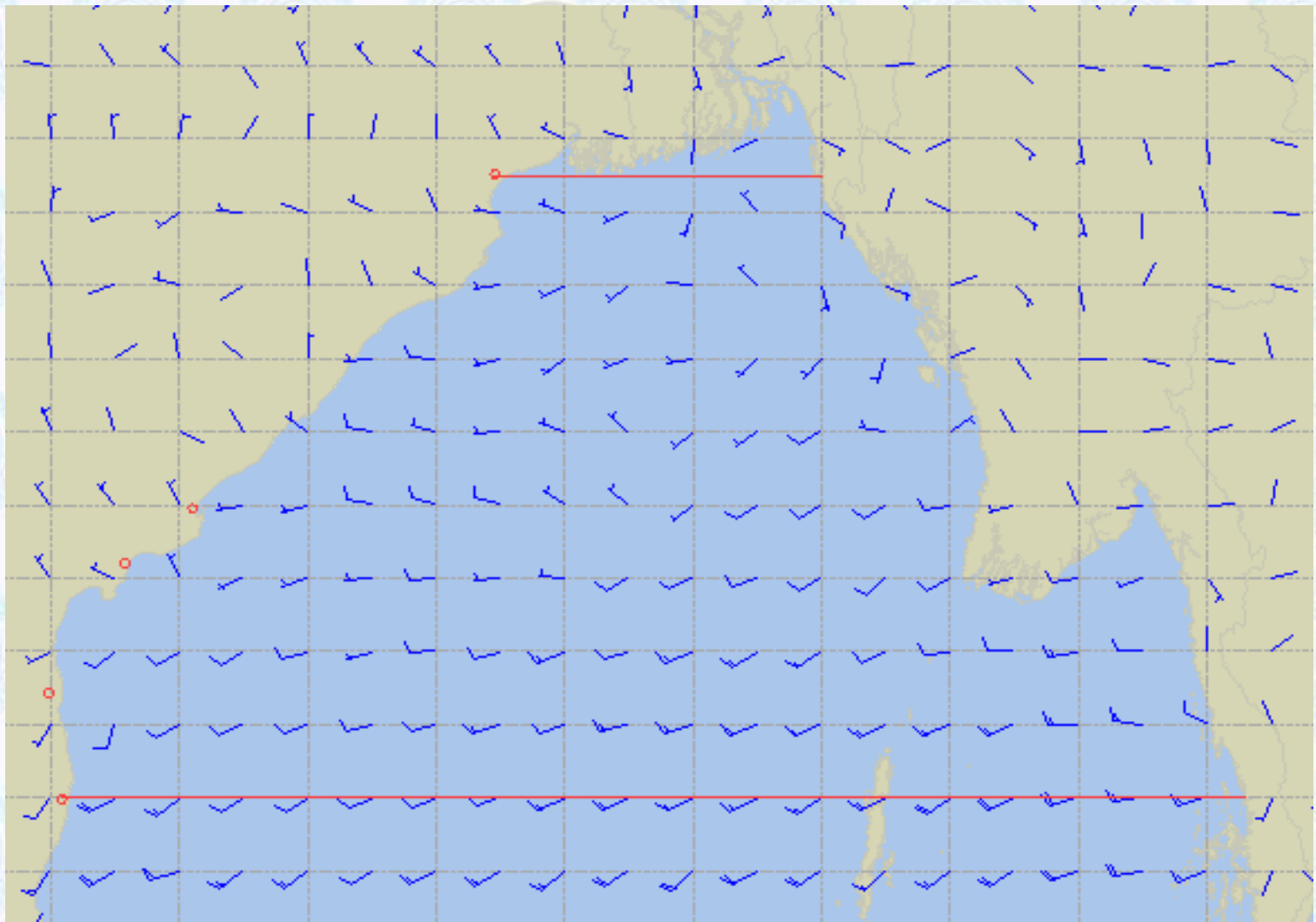
Inland River Port Warning **(VALID TILL 06 PM OF 30.09.2020)**

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 KHULNA, BARISHAL, PATUAKHALI, NOAKHALI AND CHATTOGRAM WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast-01 Oct - 2020



Legend:



Calm
Winds



5 Knots



10 Knots



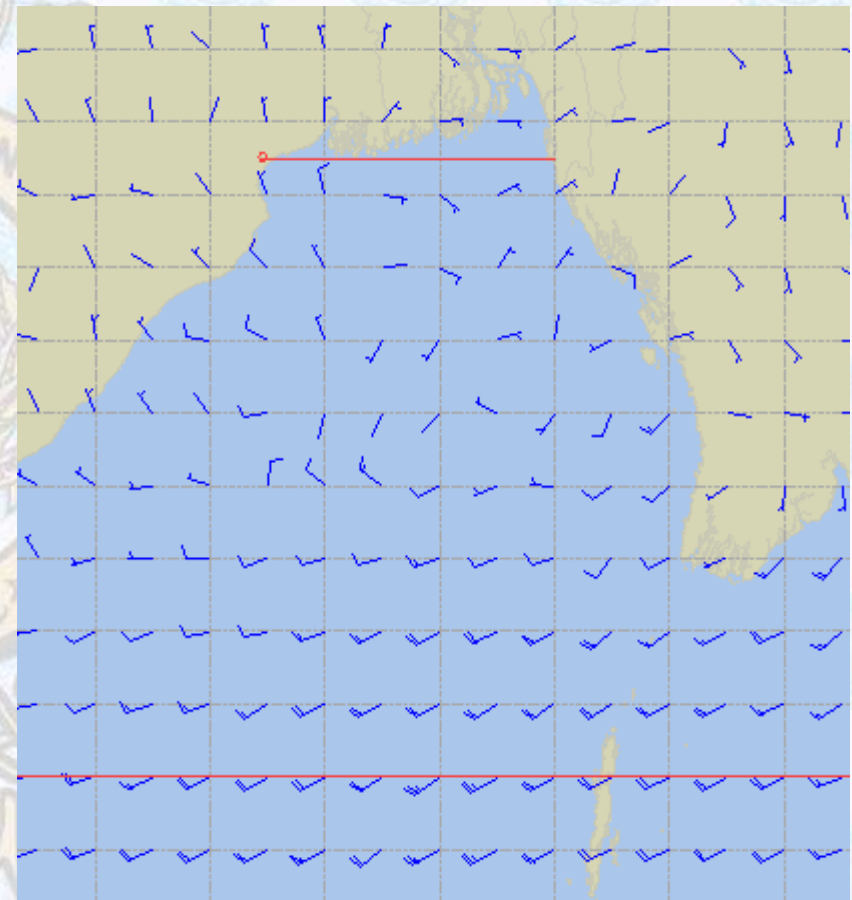
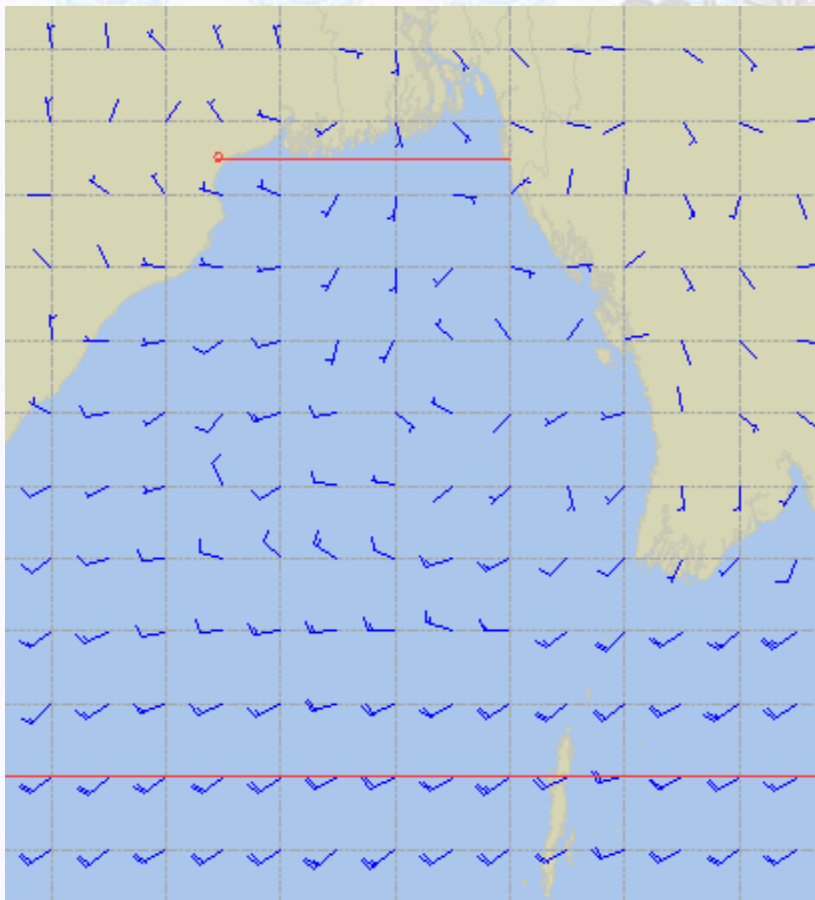
60 Knots



Surface Wind Forecast – 02 & 03 Oct- 2020

02 Oct 20 Friday

03 Oct 20 Saturday



Legend:



**Calm
Winds**



5 Knots



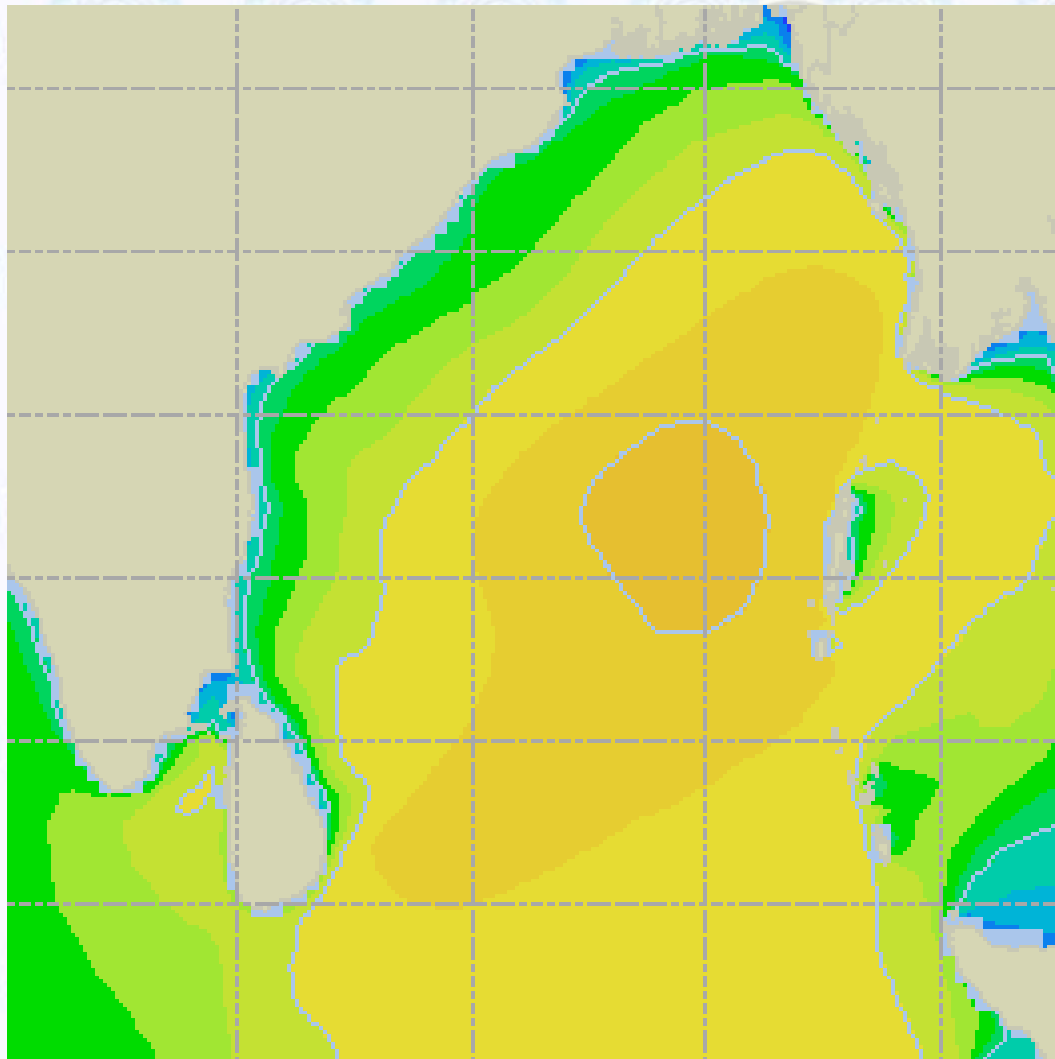
10 Knots



60 Knots



Sea State Forecast – 01 Oct- 2020



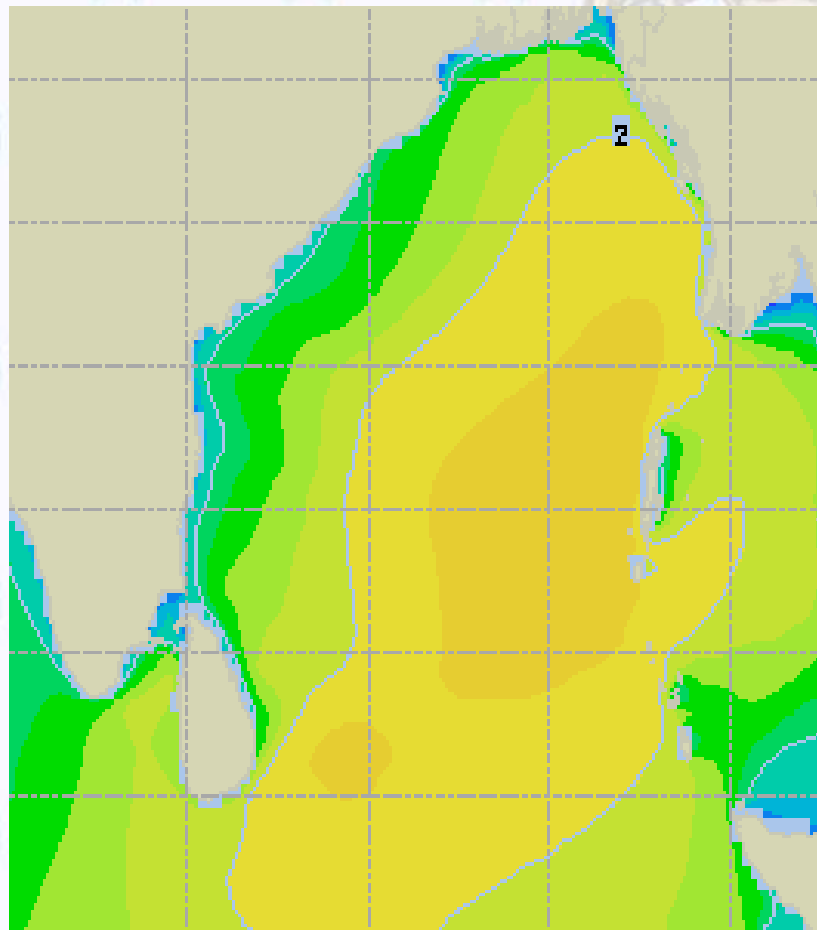
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



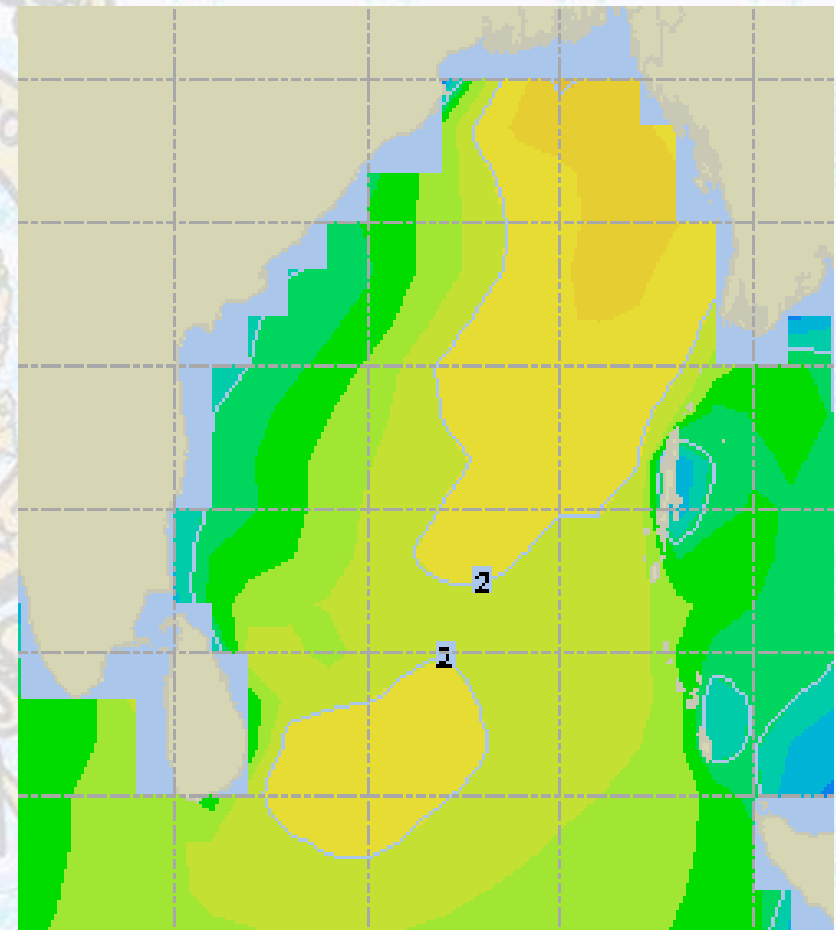


Sea State Forecast – 02 & 03 Oct- 2020

02 Oct 20 Friday



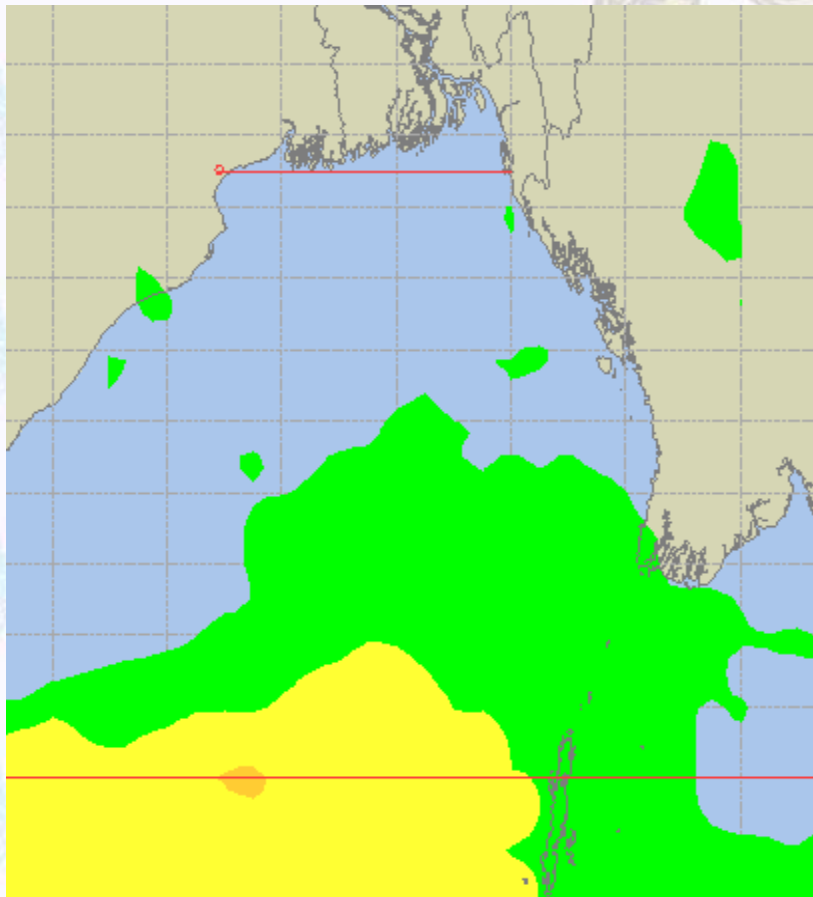
03 Oct 20 Saturday



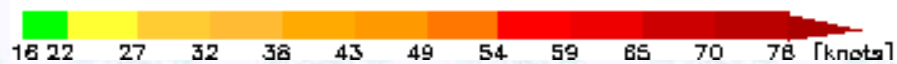
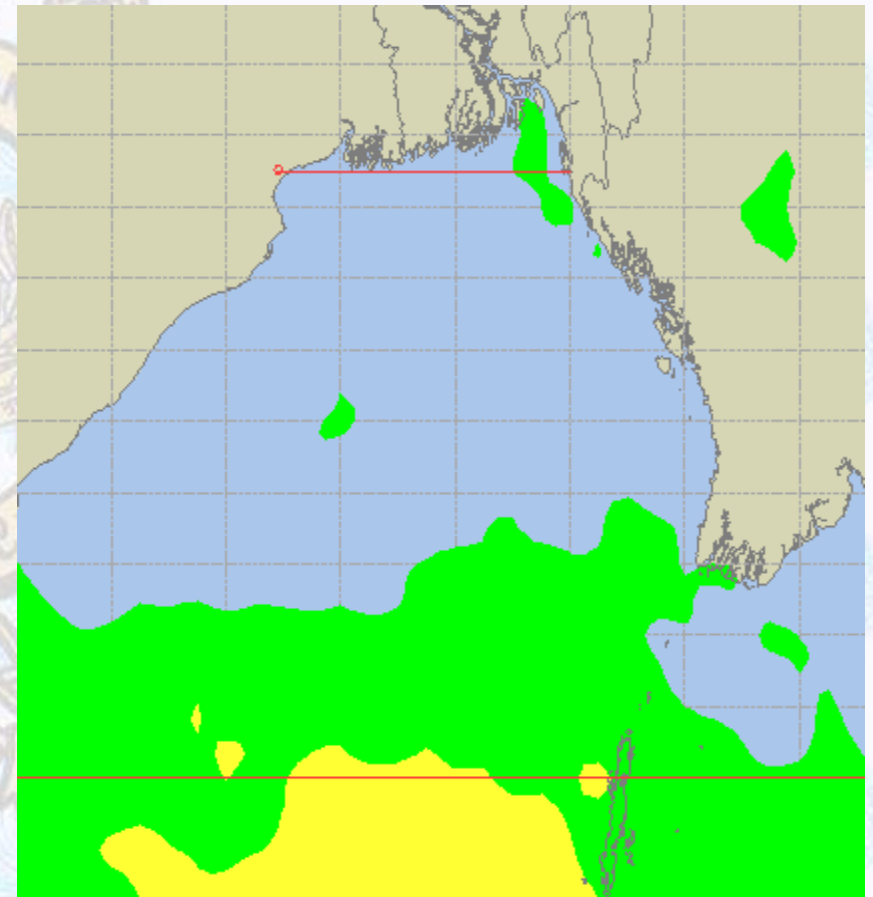


Peak Gusting Possibilities– 01 & 02 Oct 2020

01 Oct 20 Thursday



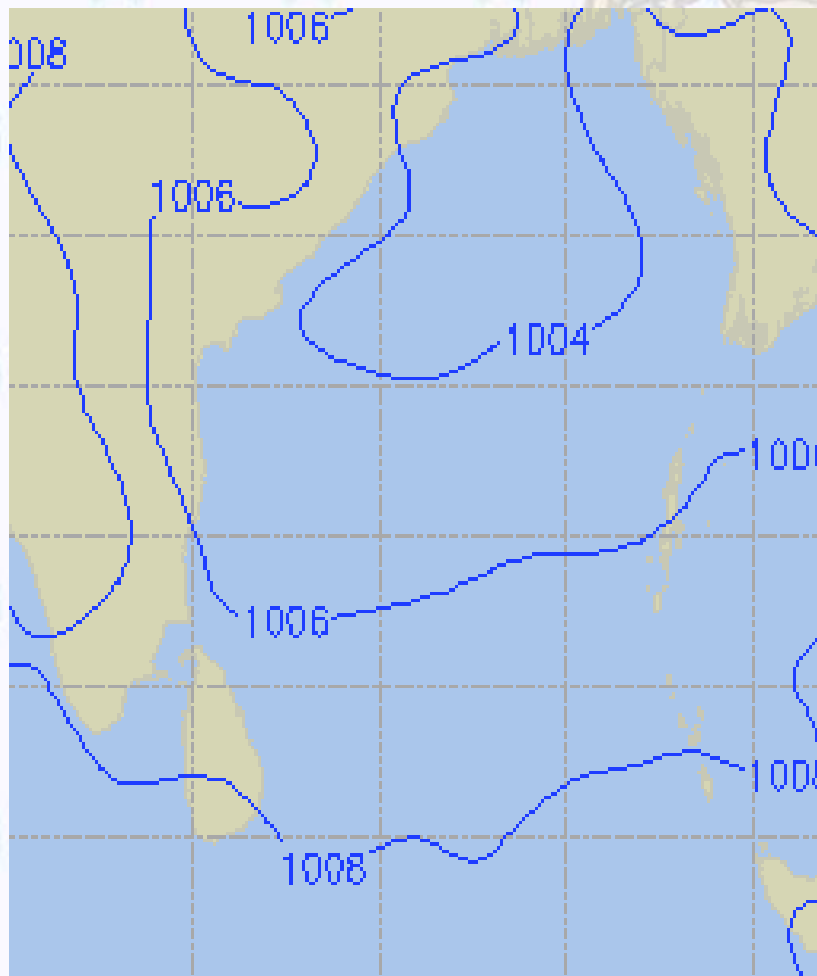
02 Oct 20 Friday



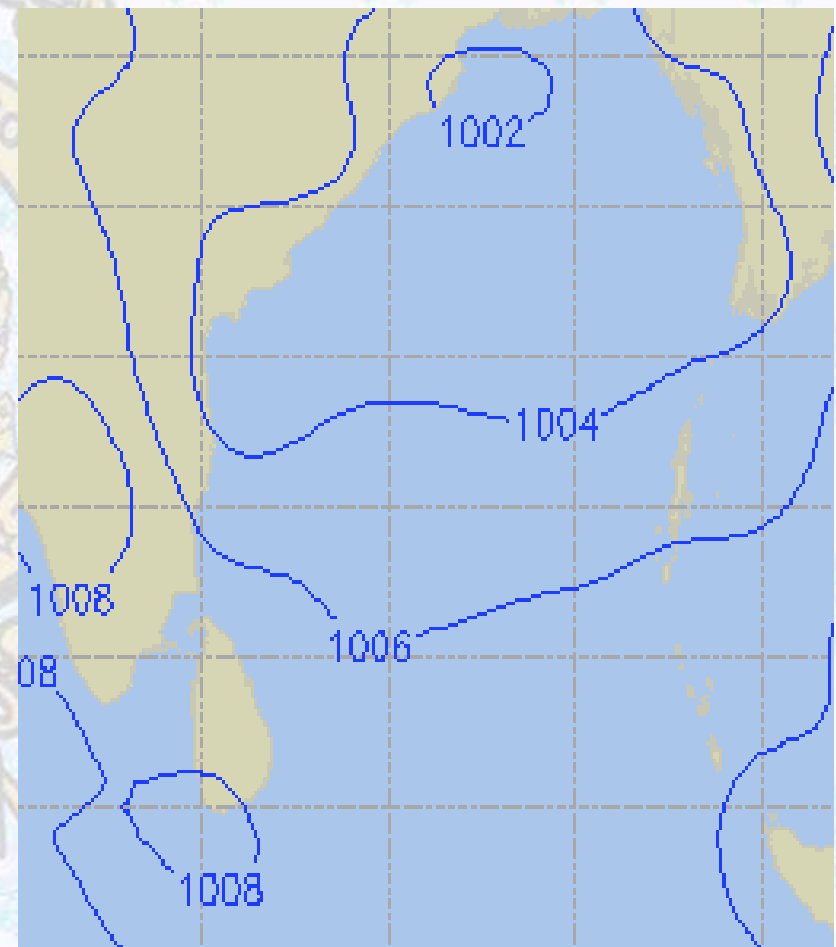


Surface Pressure forecast– 01 & 02 Oct 2020

01 Oct 20 Thursday



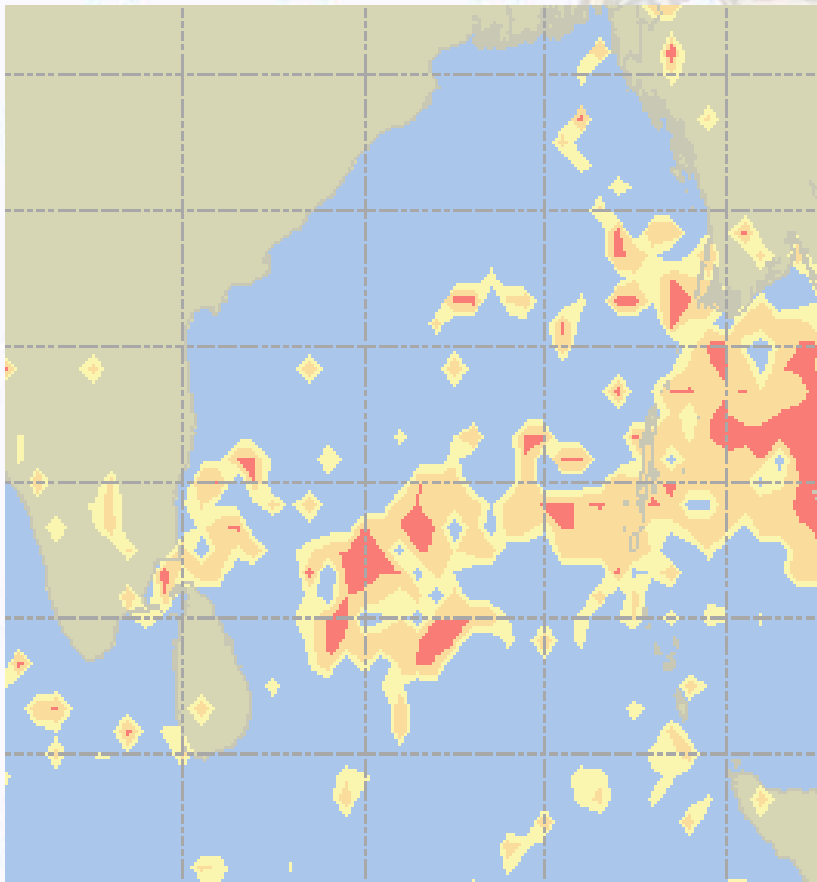
02 Oct 20 Friday



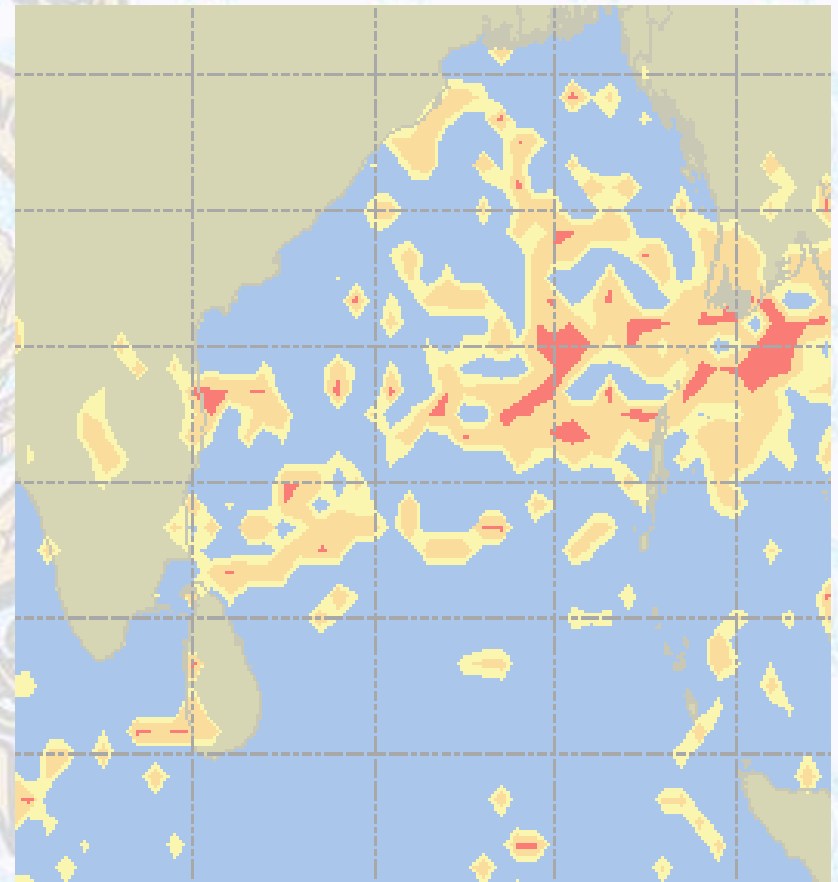


Visibility at Sea Forecast – 01 & 02 Oct 2020

01 Oct 20 Thursday



02 Oct 20 Friday



Visibility Scale:

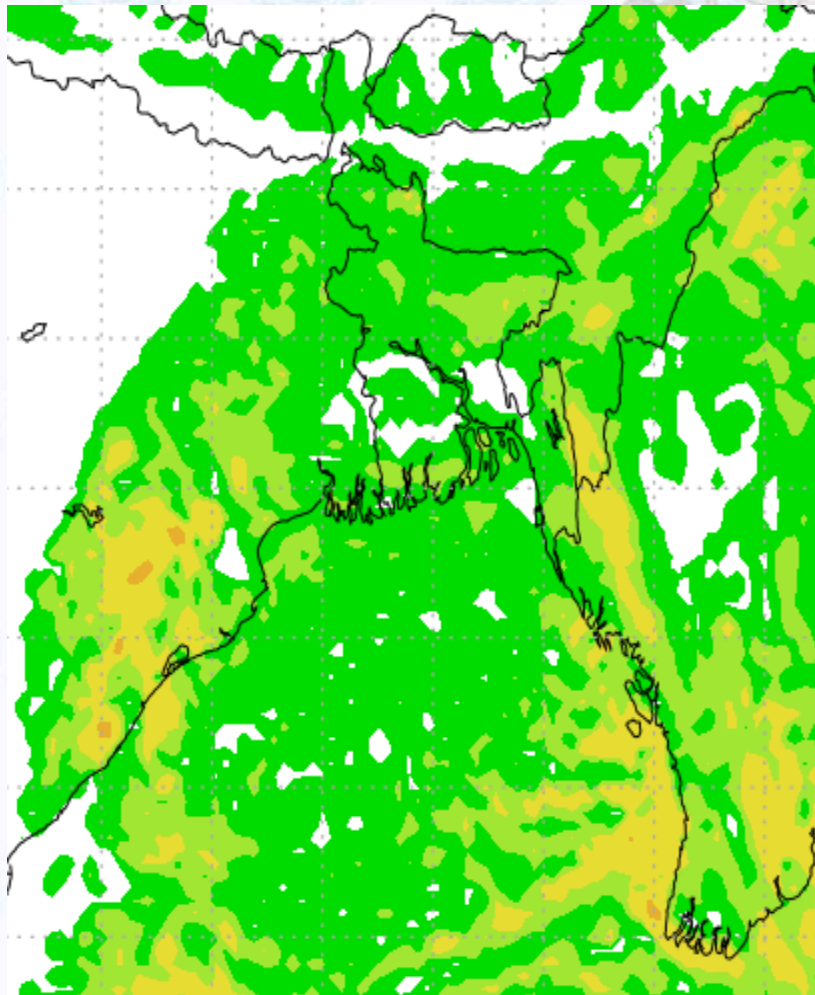


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

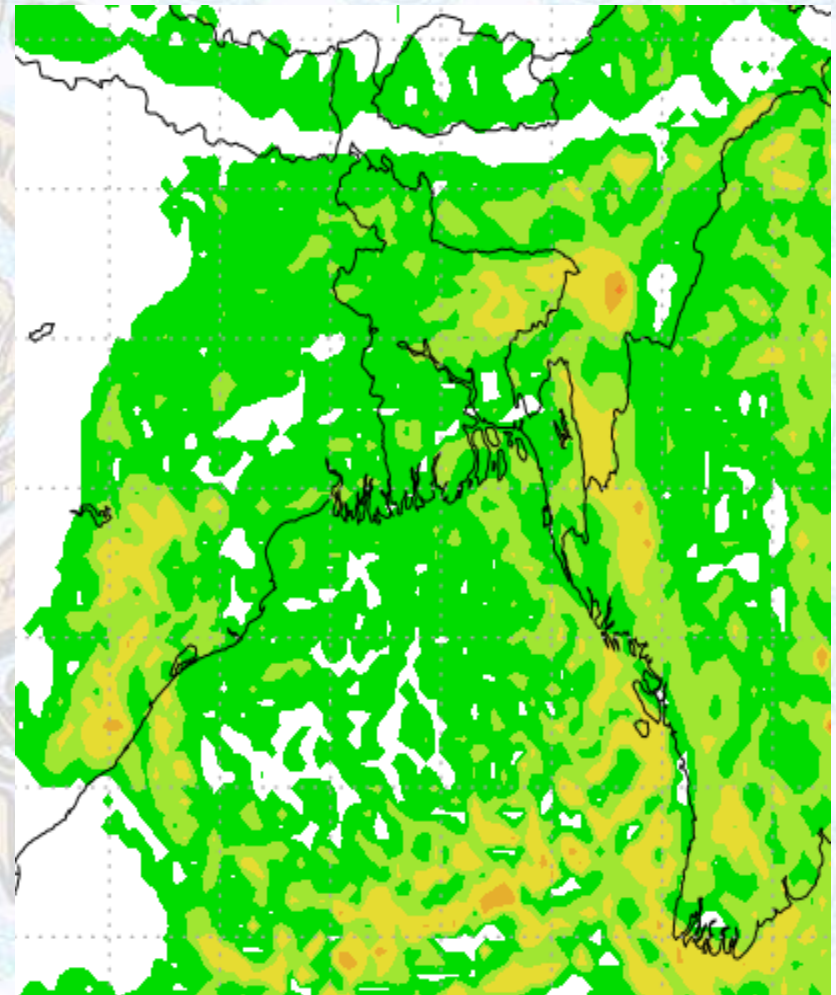


Precipitation

Rain(mm) 01 & 02 Oct 2020



Rain(mm) 02 & 03 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
	01 Oct 2020	0046		4.98			0449	0.88
	0705	0.64		1025	3.46		1023	3.15
	1253	5.00		1704	0.83		1641	0.84
	1921	0.58		2243	3.49		2241	3.21
	Time	Height		Time	Height		Time	Height
	02 Oct 2020	0112		5.09			0523	0.84
	0734	0.56		1057	3.50		1050	3.15
	1318	5.07		1736	0.80		1707	0.80
	1947	0.53		2314	3.53		2307	3.24
	Time	Height		Time	Height		Time	Height
	03 Oct 2020	0135		5.15			0554	0.83
	0801	0.52		1128	3.48		1115	3.12
	1343	5.09		1805	0.79		1731	0.79
	2012	0.50		2344	3.51		2331	3.23