



WEATHER FORECAST FOR BN

07 OCT-10 OCT 2020





WEATHER FORECAST – DHAKA

07.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 24	31 / 24	29 / 24	28 / 24
Wind	9 km/h SSE	8 km/h S	6 km/h SSE	3 km/h SSE
Humidity	64%	66%	77%	81%
Chance of Precip	16%	24%	5%	17%
Cloud Cover	71%	69%	68%	72%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	05: 53 AM 17: 39 PM			

Conditions

Pressure : 1009 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

07.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	30 / 26	28 / 26	28 / 26
Wind	9 km/h SW	8 km/h SW	3 km/h SSE	2 km/h E
Humidity	78%	81%	89%	91%
Chance of Precip.	13%	11%	20%	32%
Cloud Cover	61%	71%	70%	80%
Conditions	Partiy Cloudy	Partiy Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	05: 46 AM 17: 34 PM			

Conditions

Pressure : 1009 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

07.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	31 / 27	28 / 27	27 / 26
Wind	11 km/h SSE	9 km/h SSE	4 km/h SE	3 km/h ESE
Humidity	78%	82%	91%	94%
Chance of Precip.	55%	20%	16%	9%
Cloud Cover	84%	84%	69%	69%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 56 AM 17: 43 PM			

Conditions

Pressure : 1008 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	08 Oct 2020	09 Oct 2020	10 Oct 2020
Temperature (C)	33 °C/ 27 °C	34 °C/ 27 °C	35 °C/ 27 °C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h53m30s/17h38m30s	5h53m54s/17h37m24s	5h54m18s/17h36m18s
Day Length	11h45m00s	11h43m30s	11h42m00s
Moon Rise/ Set	10:03PM 11:09AM	10:55PM 12:03AM	11:51 PM 12:56 AM
Moon Phase/ illu	Waning Gibbous, 65%	Waning Gibbous, 55%	Last Quarter, 44%
Nautical Twilight	05:03, 18:27	05:04, 18:27	05:04, 18:26
Civil Twilight	05:30, 18:01	05:31, 18:01	05:31, 18:00
Humidity	D : 71% N : 83%	D : 70% N : 81%	D : 68% N : 81%
Barometer (mb)	1009	1008	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	20%	20%	20%
Wind (mph)	3 Km/h N	5 Km/h NNW	5 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	08 Oct 2020	09 Oct 2020	10 Oct 2020
Temperature (C)	32 °C/ 26 °C	33 °C/ 27 °C	34 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h47m06s/17h33m30s	5h47m24s/17h32m30s	5h47m48s/17h31m24s
Day Length	11h46m24s	11h45m06s	11h43m36s
Moon Rise/ Set	10:00PM 11:00AM	10:52PM 11:54AM	11:49 PM 12:47 AM
Moon Phase/ illu	Waning Gibbous, 65%	Waning Gibbous, 55%	Last Quarter, 44%
NauticalTwilight	04:58, 18:21	04:59, 18:21	04:59, 18:20
Civil Twilight	05:24, 17:56	05:24, 17:55	05:25, 17:55
Humidity	D : 80% N : 92%	D : 81% N : 92%	D : 79% N : 91%
Barometer (mb)	1009	1008	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	20%	20%	20%
Wind (mph)	7 Km/h NW	6 Km/h NNW	6 Km/h NW

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



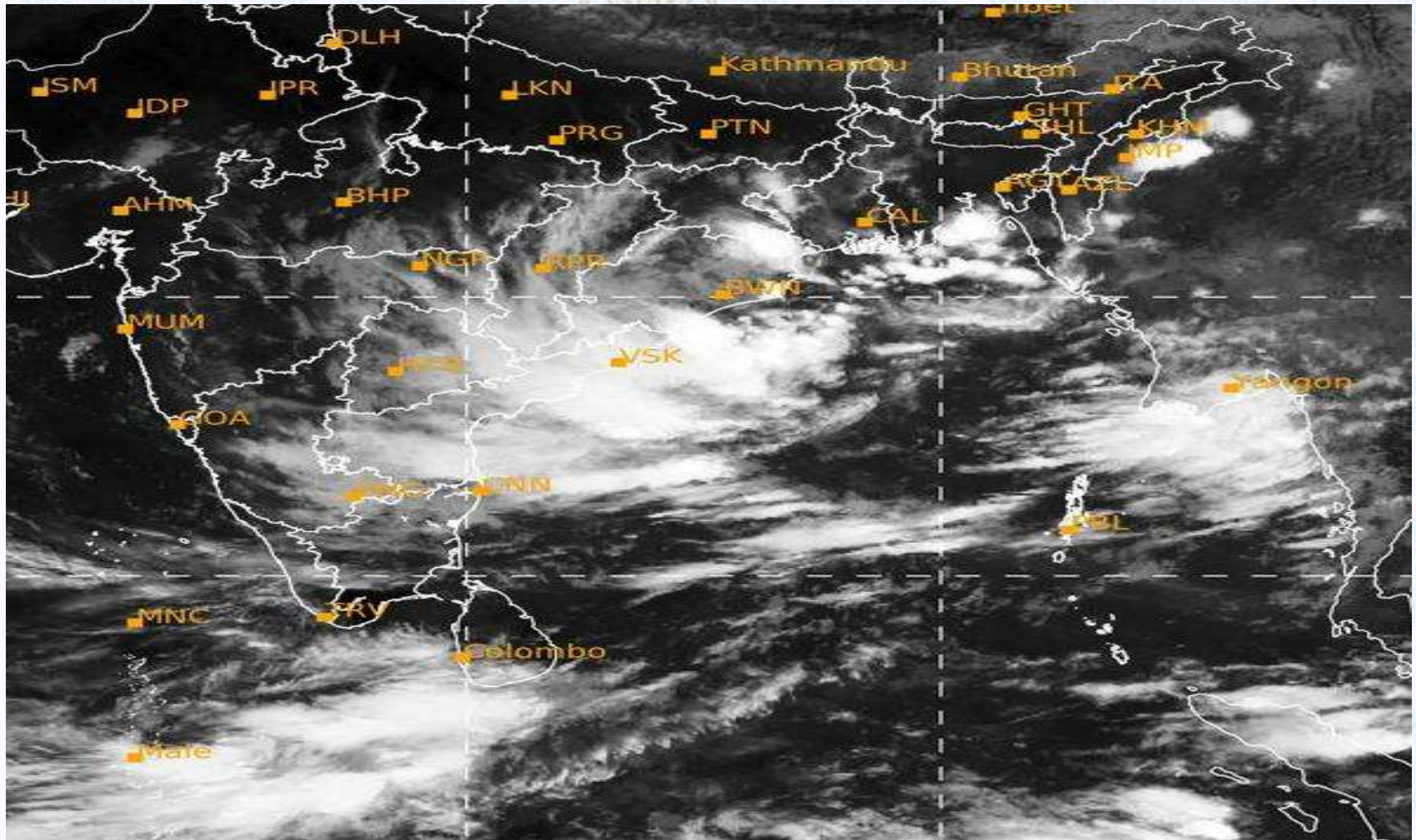
GENERAL WEATHER FORECAST – KHULNA

Description	08 Oct 2020	09 Oct 2020	10 Oct 2020
Temperature(C)	33°C/ 26°C	34°C/ 27°C	35°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h56m24s/17h42m24s	5h56m48s/17h41m18s	5h57m12s/17h40m18s
Day Length	11h46m00s	11h44m30s	11h43m06s
Moon Rise/Set	10:09 PM 11:11 AM	11:01 PM 12:05 AM	11:57 PM 12:56 AM
Moon Phase/illu	Waning Gibbous, 65%	Waning Gibbous, 55%	Last Quarter, 44%
Nautical Twilight	05:07, 18:31	05:07, 18:30	05:08, 18:30
Civil Twilight	05:33, 18:04	05:33, 18:03	05:34, 18:02
Humidity	D : 75% N : 87%	D : 73% N : 84%	D : 71% N : 84%
Barometer (mb)	1009	1008	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	20%	40%	20%
Wind (mph)	5 km/h SE	6 km/h N	6 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

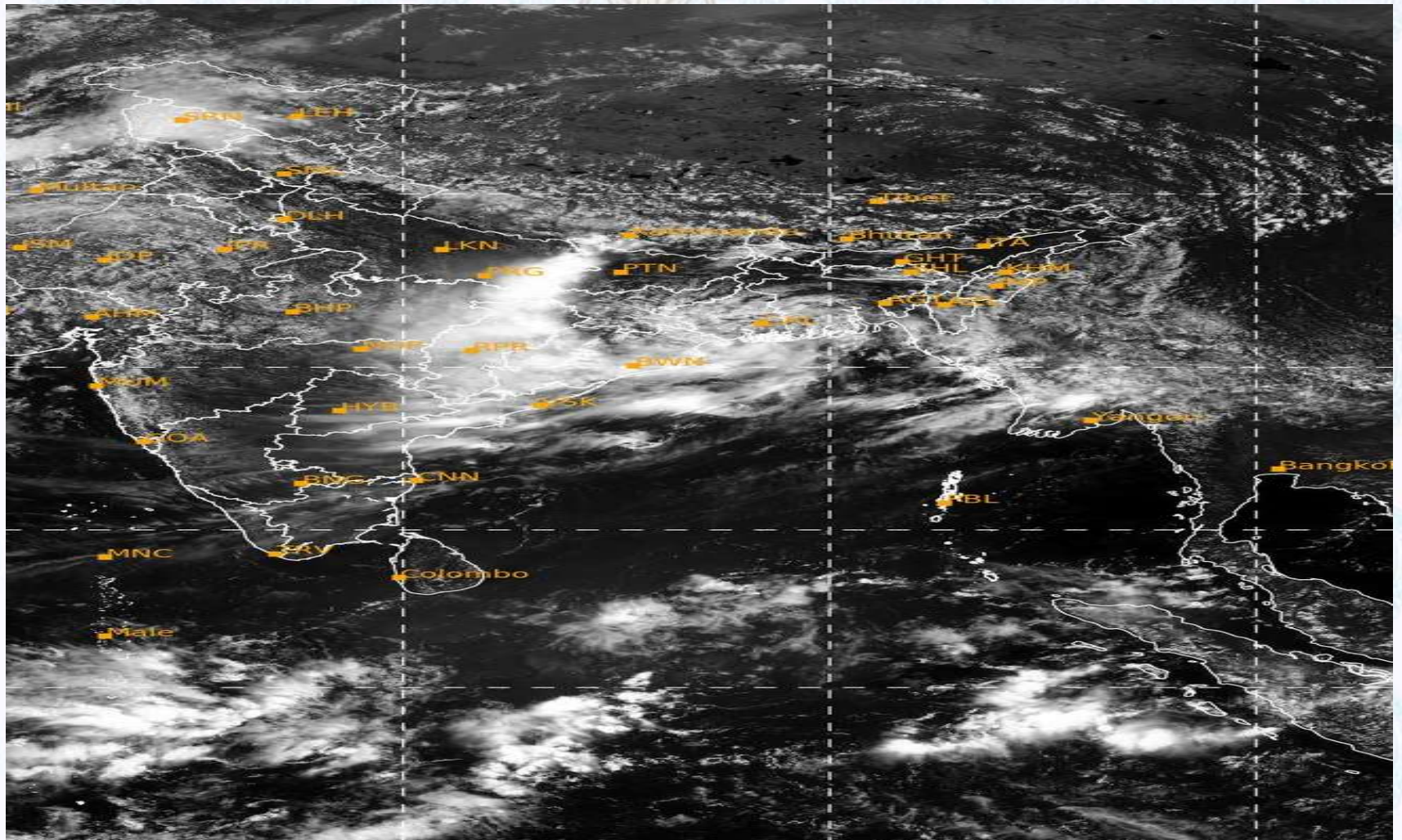


07/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



07/10/2020, 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 07.10.2020)

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	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 IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 07,0000 UTC. CHATTOGRAM =1009 HPA



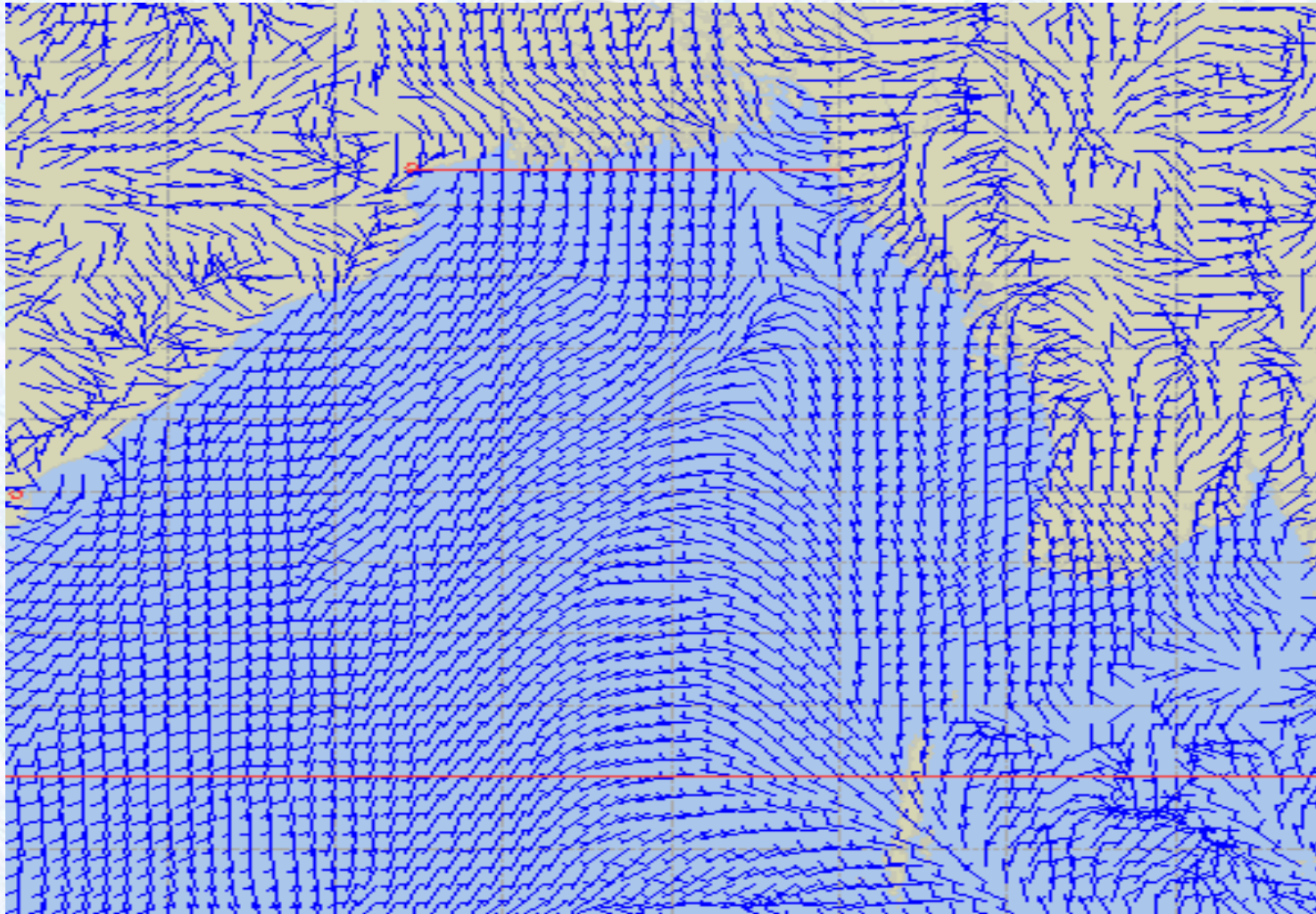
Inland River Port Warning **(VALID TILL 06 PM OF 07.10.2020)**

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, PABNA, BOGURA, TANGAIL, MYMENSINGH, SYLHET, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COXS BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE ® ONE.

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



Surface Wind Forecast- 08 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



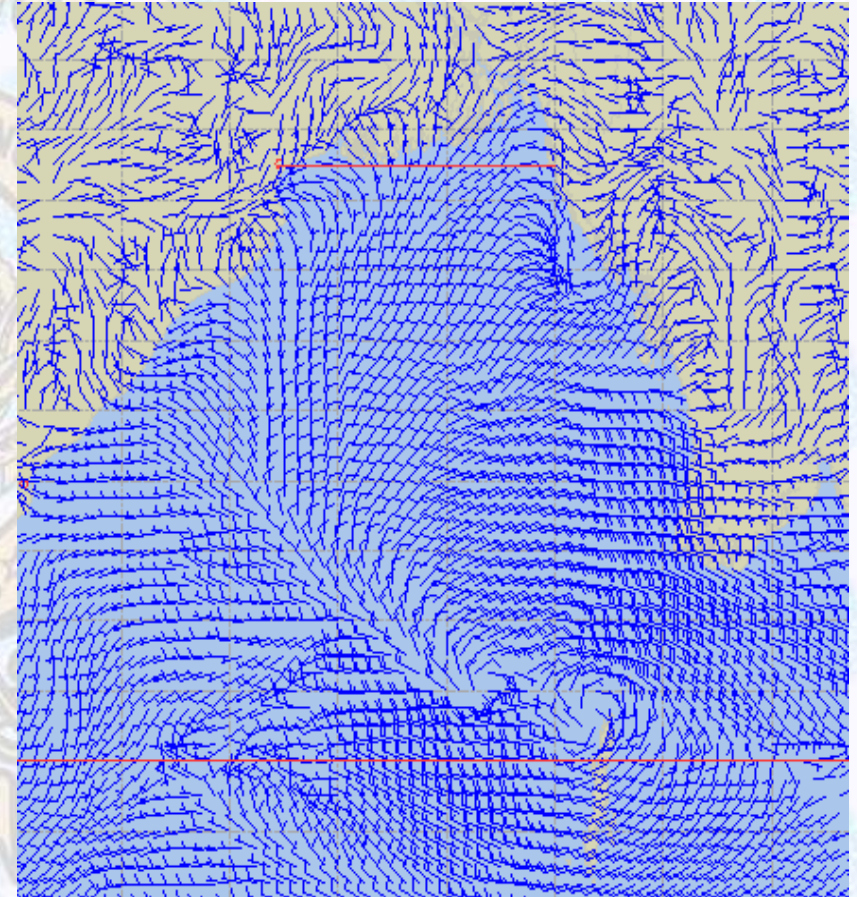
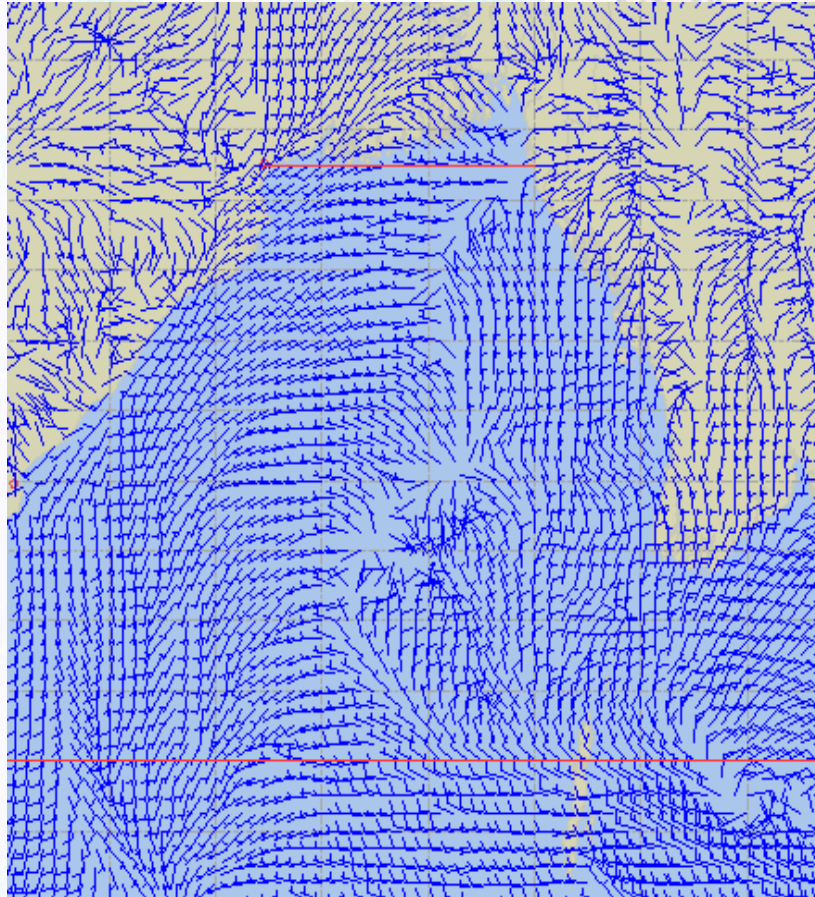
60 Knots



Surface Wind Forecast – 09 & 10 Oct- 2020

09 Oct 20 Friday

10 Oct 20 Saturday



Legend:



Calm
Winds



5 Knots



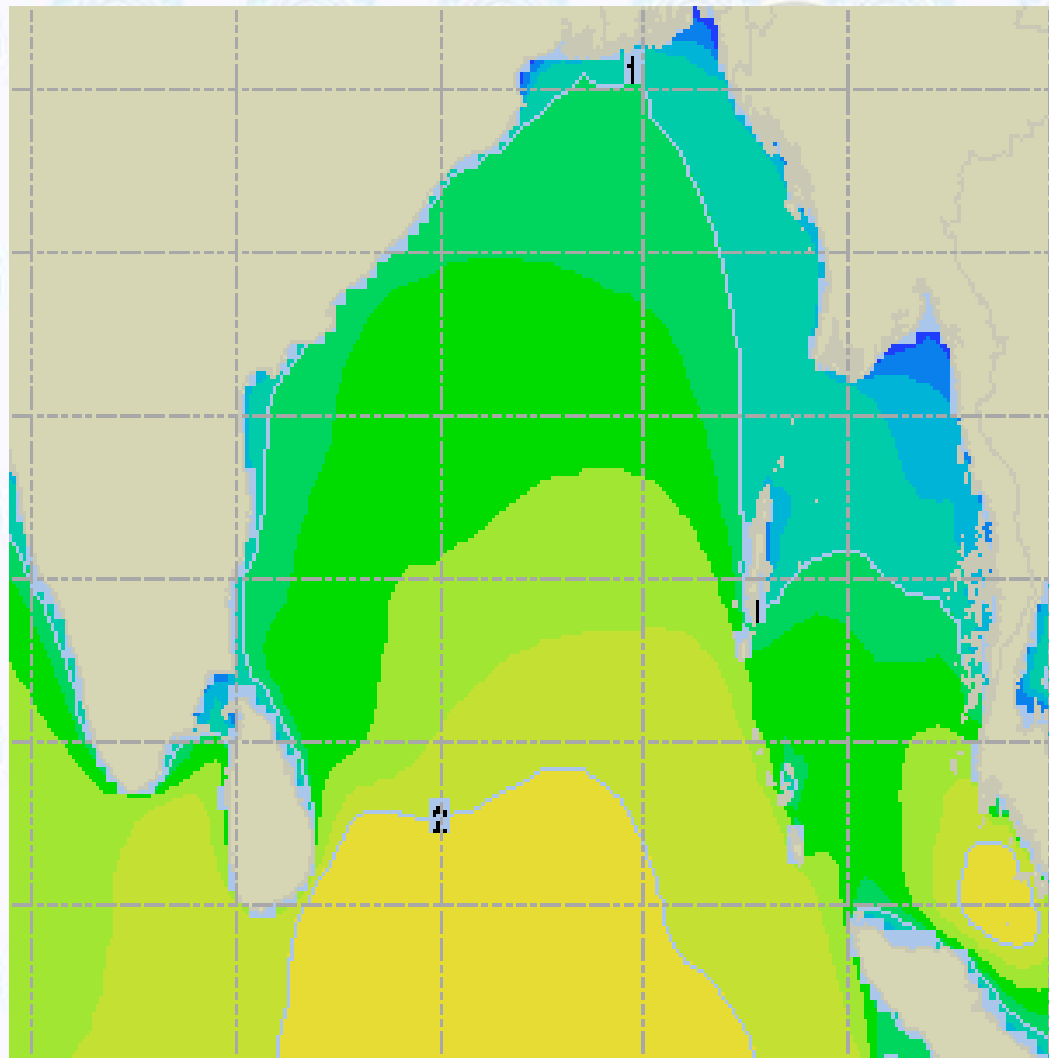
10 Knots



60 Knots



Sea State Forecast – 08 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

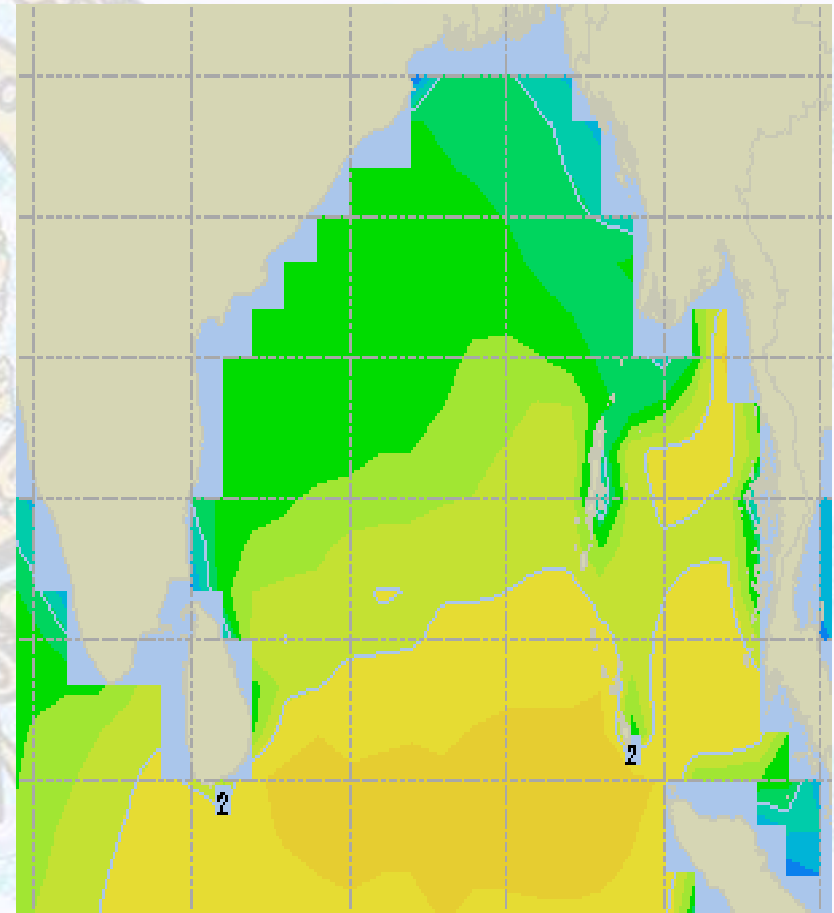
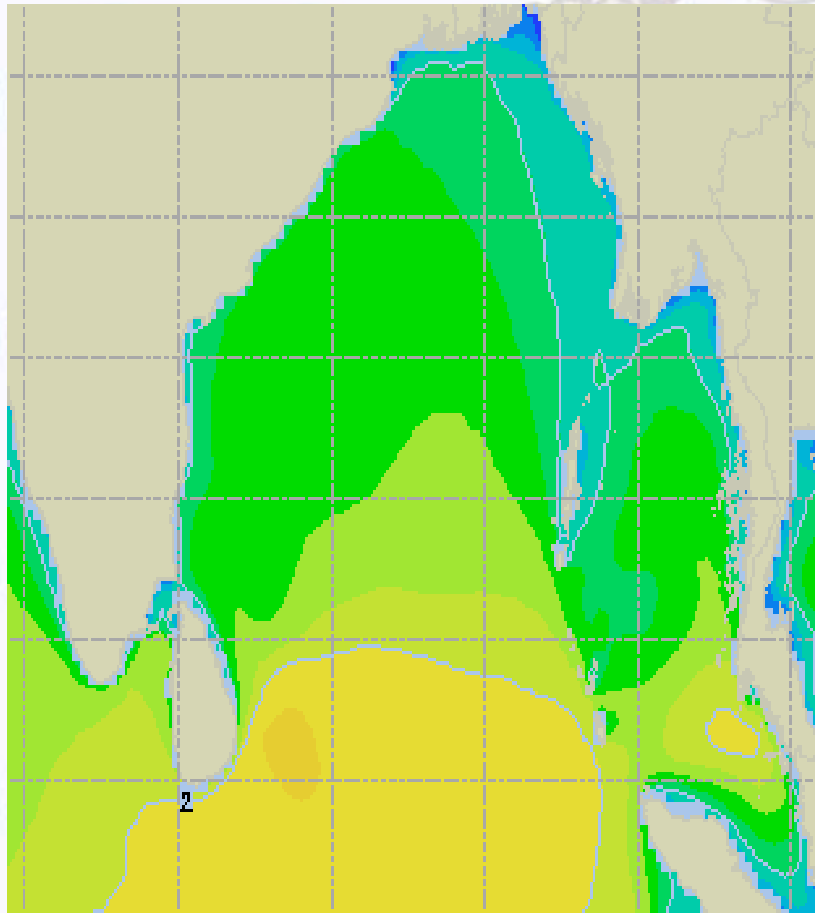




Sea State Forecast – 09 & 10 Oct- 2020

09 Oct 20 Friday

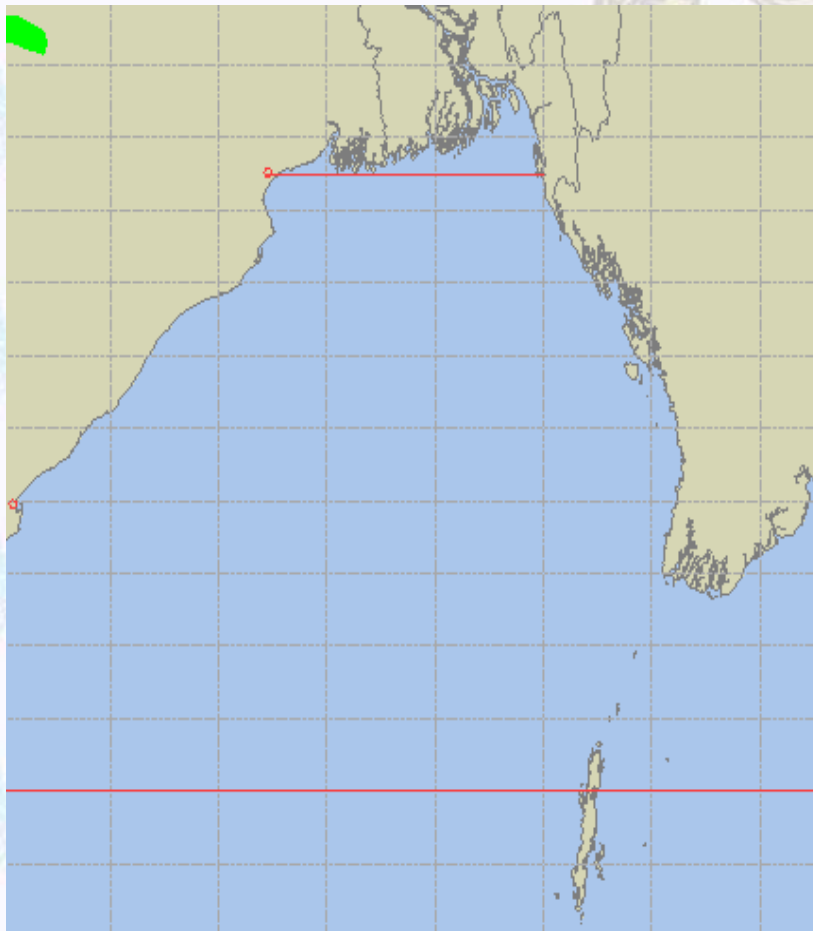
10 Oct 20 Saturday



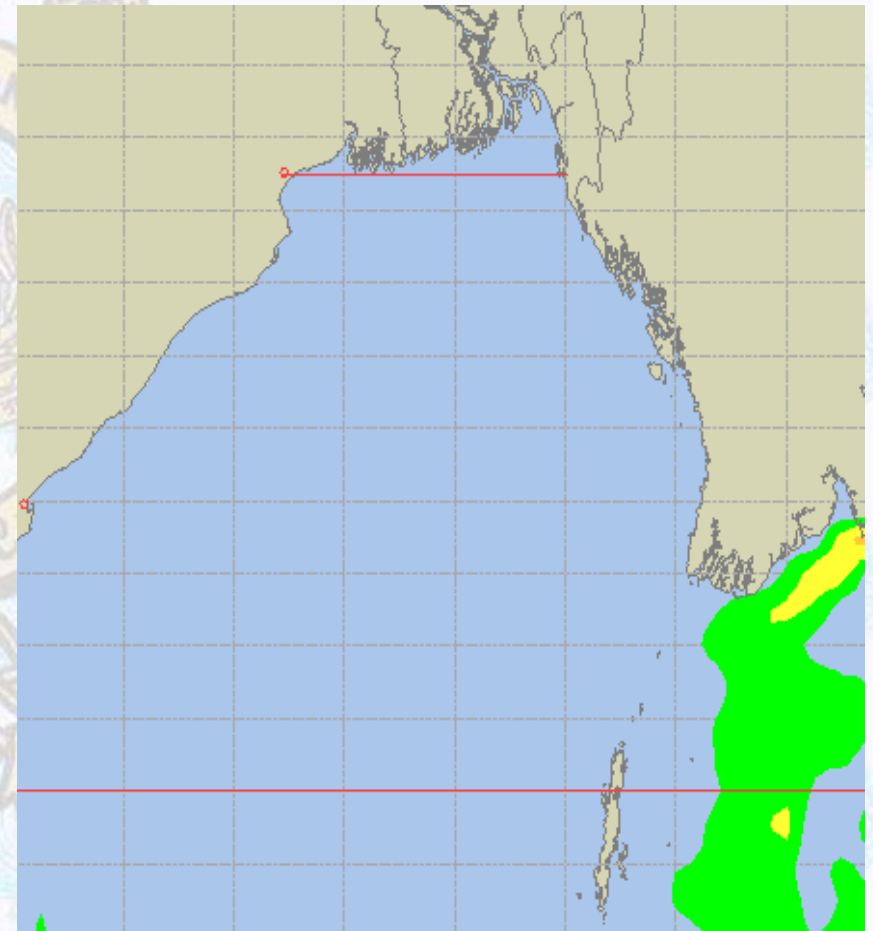


Peak Gusting Possibilities– 08 & 09 Oct 2020

08 Oct 20 Thursday



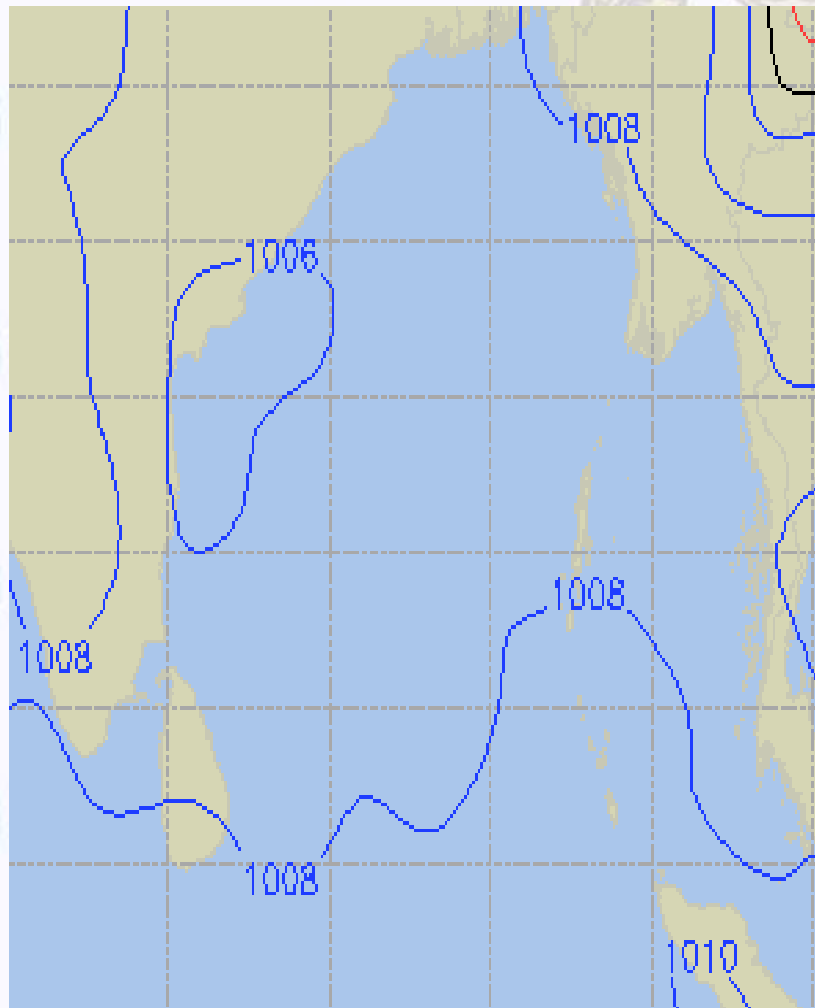
09 Oct 20 Friday



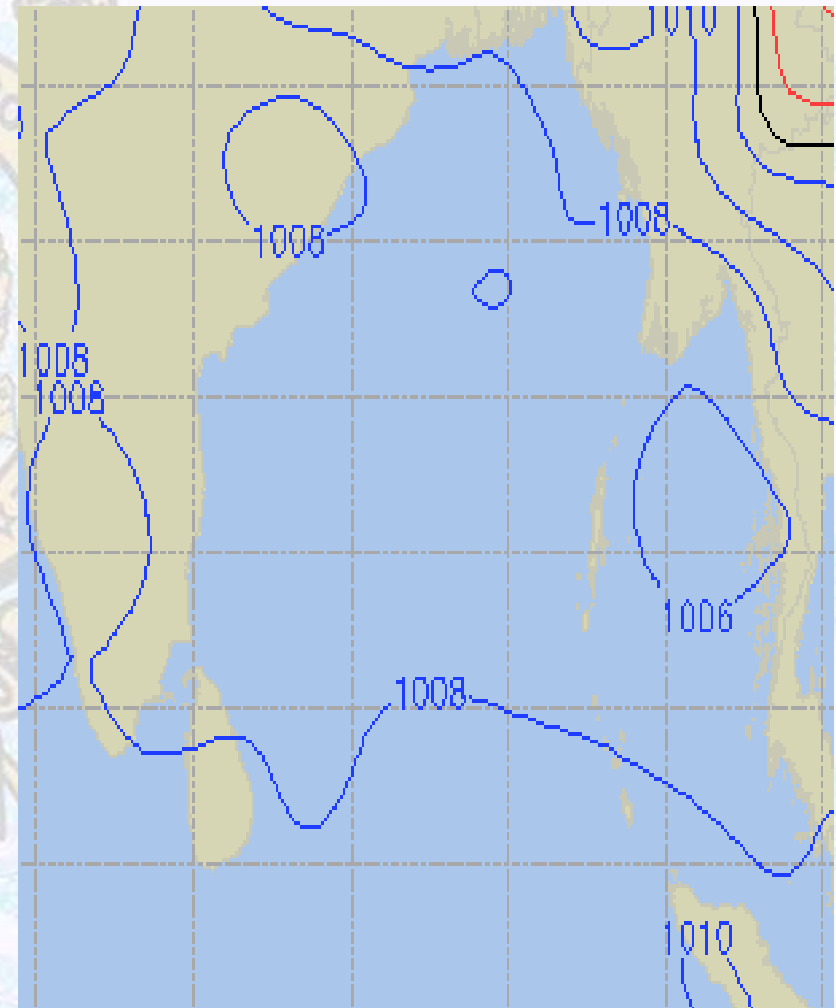


Surface Pressure forecast– 08 & 09 Oct 2020

08 Oct 20 Thursday



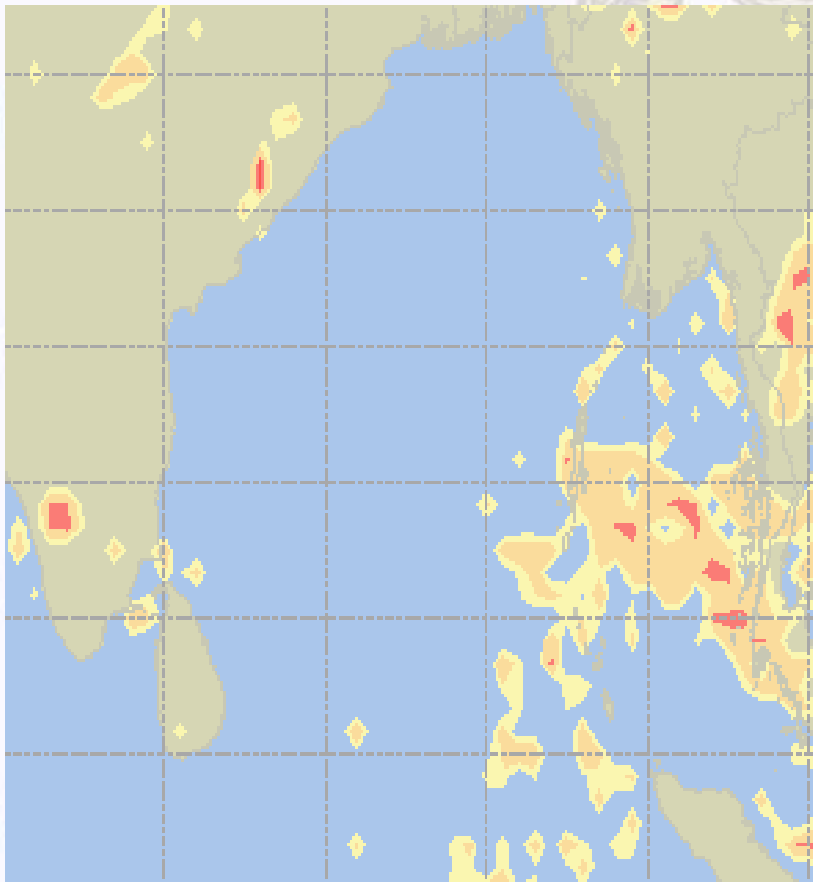
09 Oct 20 Friday



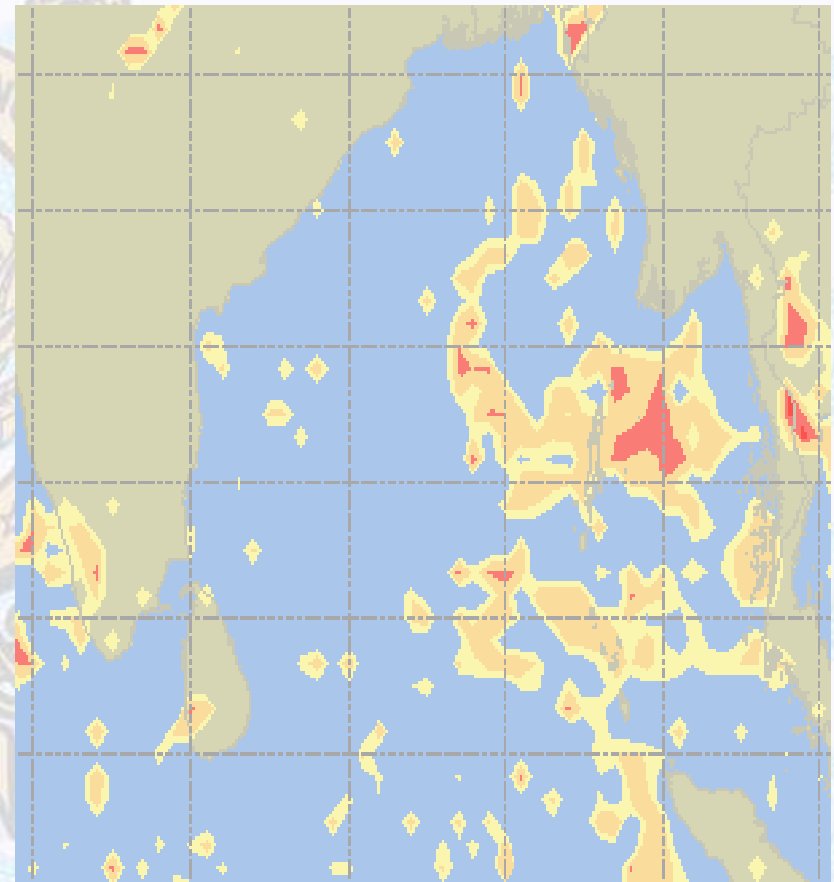


Visibility at Sea Forecast – 08 & 09 Oct 2020

08 Oct 20 Thursday



09 Oct 20 Friday



Visibility Scale:

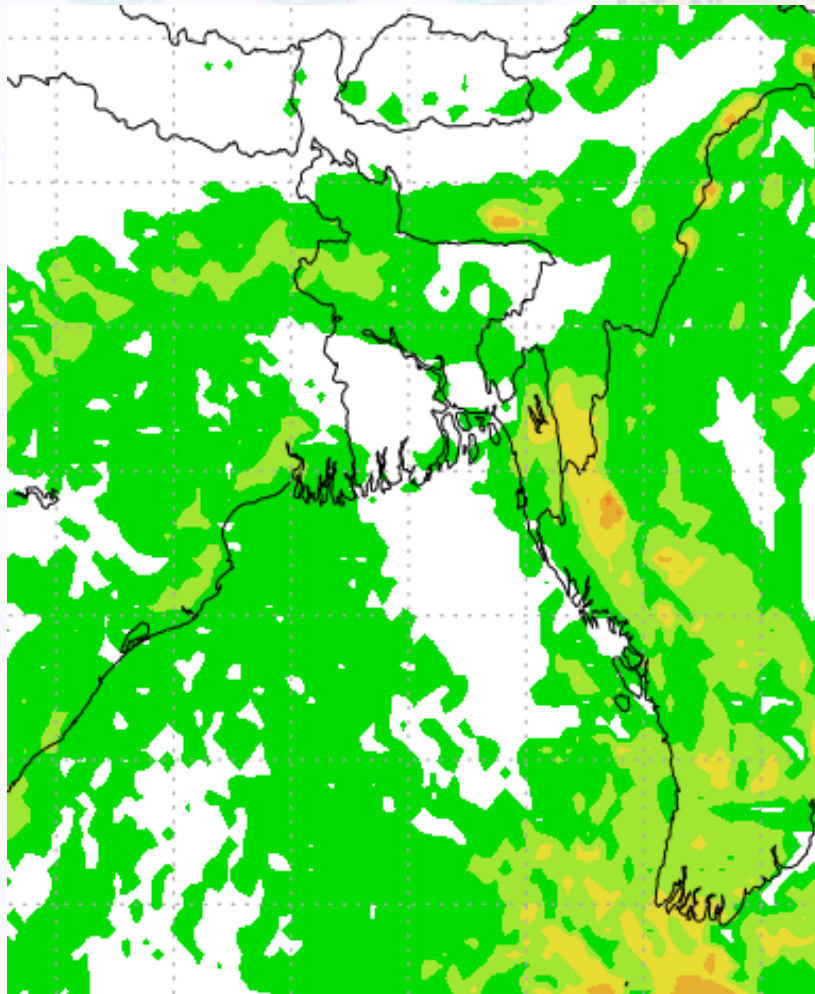


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

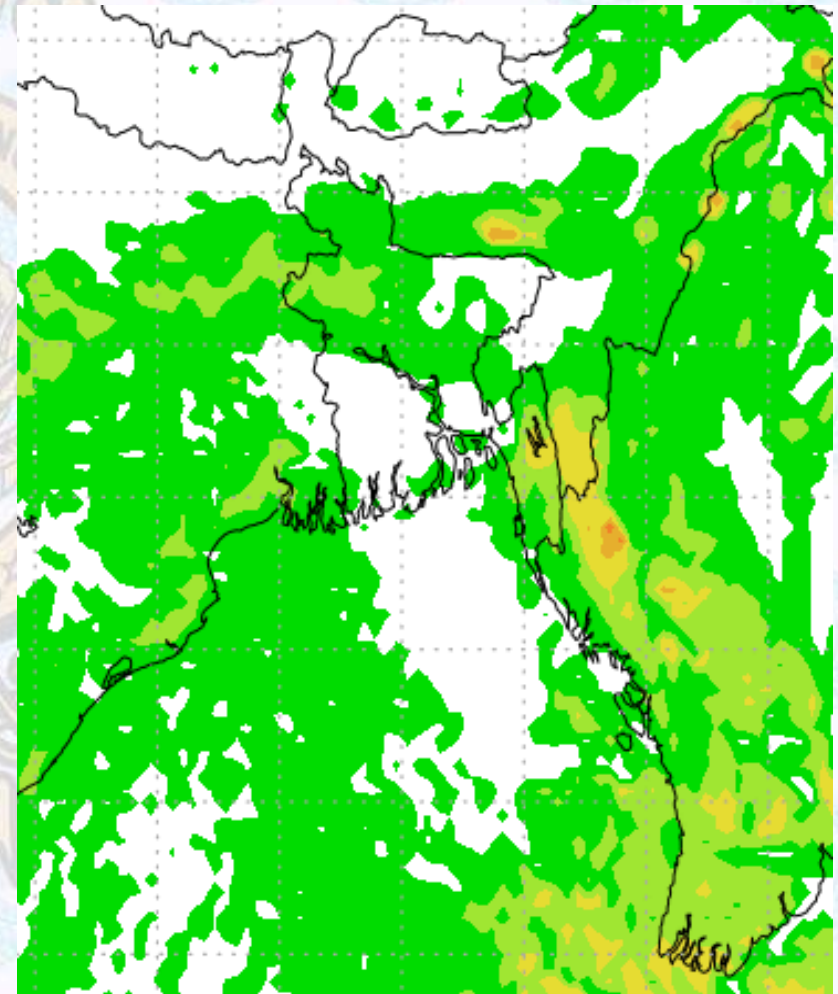


Precipitation

Rain(mm) 08 & 09 Oct 2020



Rain(mm) 09 & 10 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

08 Oct 2020	Time	Height		Time	Height		Time	Height
	0400	4.62		0157	2.99		0127	2.93
	1032	0.97		0827	1.11		0749	1.30
	1629	4.18		1415	2.70		1342	2.65
	2242	1.07		2035	1.19		1950	1.22
09 Oct 2020	Time	Height		Time	Height		Time	Height
	0448	4.35		0242	2.83		0210	2.80
	1121	1.23		0912	1.24		0836	1.46
	1726	3.87		1506	2.53		1430	2.50
	2336	1.40		2124	1.34		2038	1.39
10 Oct 2020	Time	Height		Time	Height		Time	Height
	0555	4.10		0340	2.69		0311	2.68
	1229	1.46		1014	1.35		0947	1.59
	1843	3.66		1615	2.42		1545	2.37
	-	-		2236	1.44		2200	1.54