



WEATHER FORECAST FOR BN

31 JULY - 03 AUG 2020





WEATHER FORECAST – DHAKA

31.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 26	33 / 26	30 / 26	29 / 26
Wind	8 km/h S	8 km/h SSW	4 km/h SSW	5 km/h S
Humidity	66%	66%	76%	82%
Chance of Precip	36%	36%	32%	15%
Cloud Cover	53%	52%	68%	74%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 27 AM 6: 41 PM			

Conditions

Pressure : 1005 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

31.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 27	29 / 26	28 / 27
Wind	14 km/h WSW	8 km/h SW	3 km/h SW	3 km/h ESE
Humidity	79%	80%	86%	90%
Chance of Precip.	12%	10%	14%	30%
Cloud Cover	62%	67%	63%	75%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 24 AM 6: 33 PM			

Conditions

Pressure : 1003 hpa

Visibility : 11.27 Km

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



WEATHER FORECAST – KHULNA

31.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 28	33 / 28	30 / 27	29 / 27
Wind	7 km/h SE	8 km/h SSE	5 km/h S	4 km/h SSE
Humidity	74%	75%	86%	91%
Chance of Precip.	23%	15%	10%	7%
Cloud Cover	67%	60%	62%	85%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 32 AM 6: 43 PM			

Conditions

Pressure : 1002 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	01 August 2020	02 August 2020	03 August 2020
Temperature (C)	34 °C/ 27 °C	34 °C/ 28 °C	34 °C/ 28 °C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h27m44s/18h41m18s	5h28m28s/18h40m42s	5h28m54s/18h40m06s
Day Length	13h13m24s	13h12m18s	13h11m12s
Moon Rise/ Set	4:59PM 2:55AM	5:53PM 3:52AM	6:41PM 4:50AM
Moon Phase/ illu	Waxing Gibbous, 92%	Waxing Gibbous, 97%	Full Moon, 99%
NauticalTwilight	0434,1934	0435,1933	0436,1932
Civil Twilight	0503,1905	0504,1904	0504,1904
Humidity	D : 71% N : 82%	D : 71% N : 82%	D : 71% N : 81%
Barometer (mb)	1004	1002	999
Visibility	Good	Good	Good
Precip Chance	40%	20%	50%
Wind (mph)	6 Km/h SSW	7 Km/h SW	2 Km/h NW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	01 August 2020	02 August 2020	03 August 2020
Temperature (C)	31 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Cloudy/ Light rain	Cloudy/ Light rain	Cloudy/ Light rain
Sun Rise/Set	5h24m36s/18h33m00s	5h25m06s/18h32m30s	5h25m36s/18h31m54s
Day Length	13h08m24s	13h07m24s	13h06m18s
Moon Rise/ Set	4:50PM 2:52AM	5:44PM 3:49AM	6:33PM 4:47AM
Moon Phase/ illu	Waxing Gibbous, 92%	Waxing Gibbous, 97%	Full Moon, 99%
Nautical Twilight	0432, 1925	0432, 1924	0433, 1923
Civil Twilight	0500, 1856	0501, 1856	0502, 1855
Humidity	D : 81% N : 92 %	D : 83% N : 93%	D : 85% N : 94%
Barometer (mb)	1005	1003	1000
Visibility	Good	Good	Good
Precip Chance	30%	30%	40%
Wind (mph)	8 Km/h WSW	9 Km/h WNW	6 Km/h NW

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



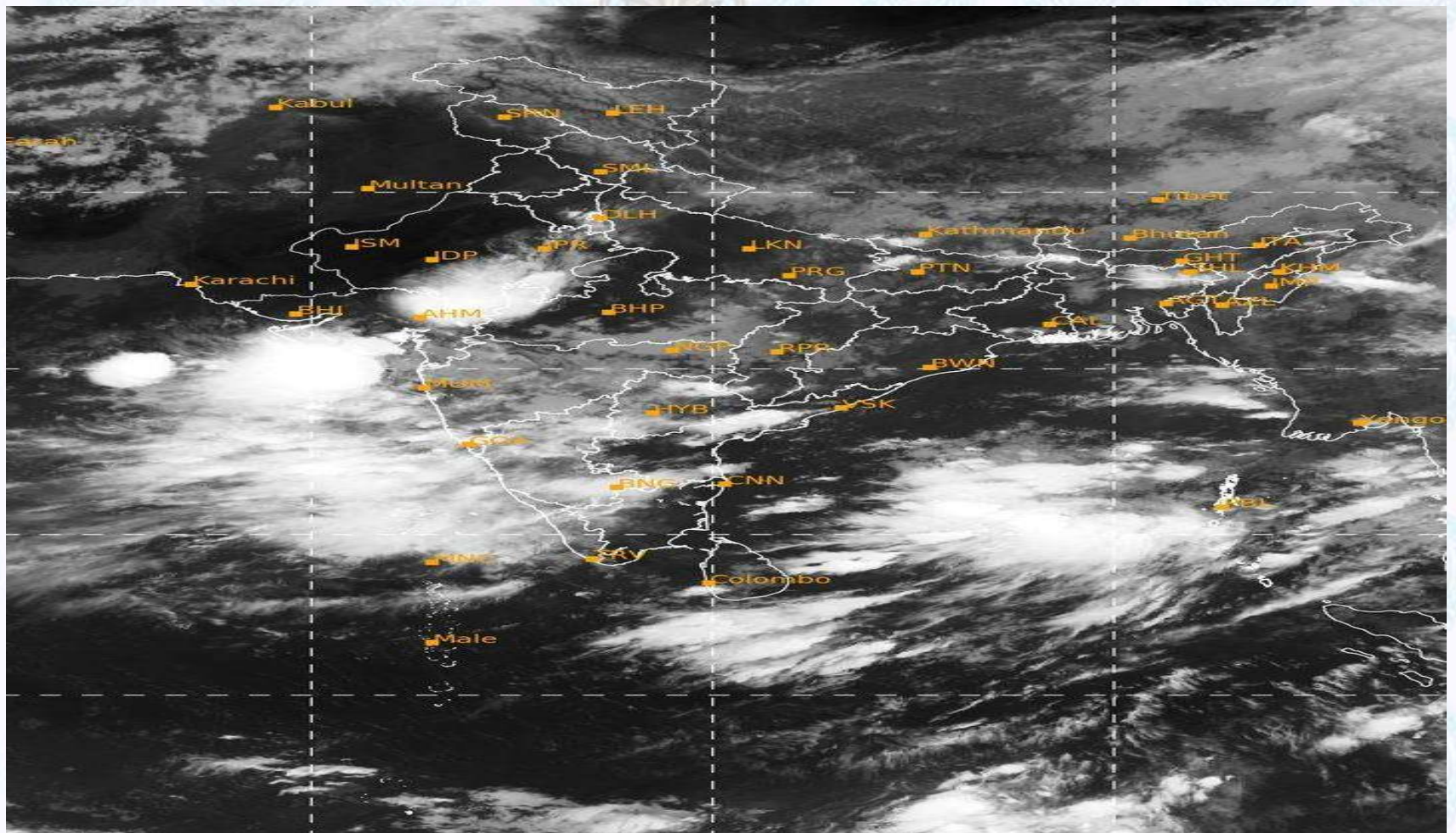
GENERAL WEATHER FORECAST – KHULNA

Description	01 August 2020	02 August 2020	03 August 2020
Temperature(C)	34°C/ 27°C	34°C/ 28°C	35°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h32m54s/18h43m00s	5h33m24s/18h42m30s	5h33m54s/18h41m54s
Day Length	13h10m06s	13h09m06s	13h08m00s
Moon Rise/Set	5:00PM 3:02AM	5:55PM 3:59AM	6:43PM 4:57AM
Moon Phase/illu	Waxing Gibbous, 92%	Waxing Gibbous, 97%	Full Moon, 99%
Nautical Twilight	0441, 1936	0441, 1935	0442, 1934
Civil Twilight	0509, 1907	0510, 1907	0510, 1906
Humidity	D : 73% N : 86%	D : 74% N : 85%	D : 74% N : 85%
Barometer (mb)	1004	1002	999
Visibility	Good	Good	Good
Precip Chance	40%	20%	20%
Wind (mph)	6 km/h S	6 km/h SSW	4 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

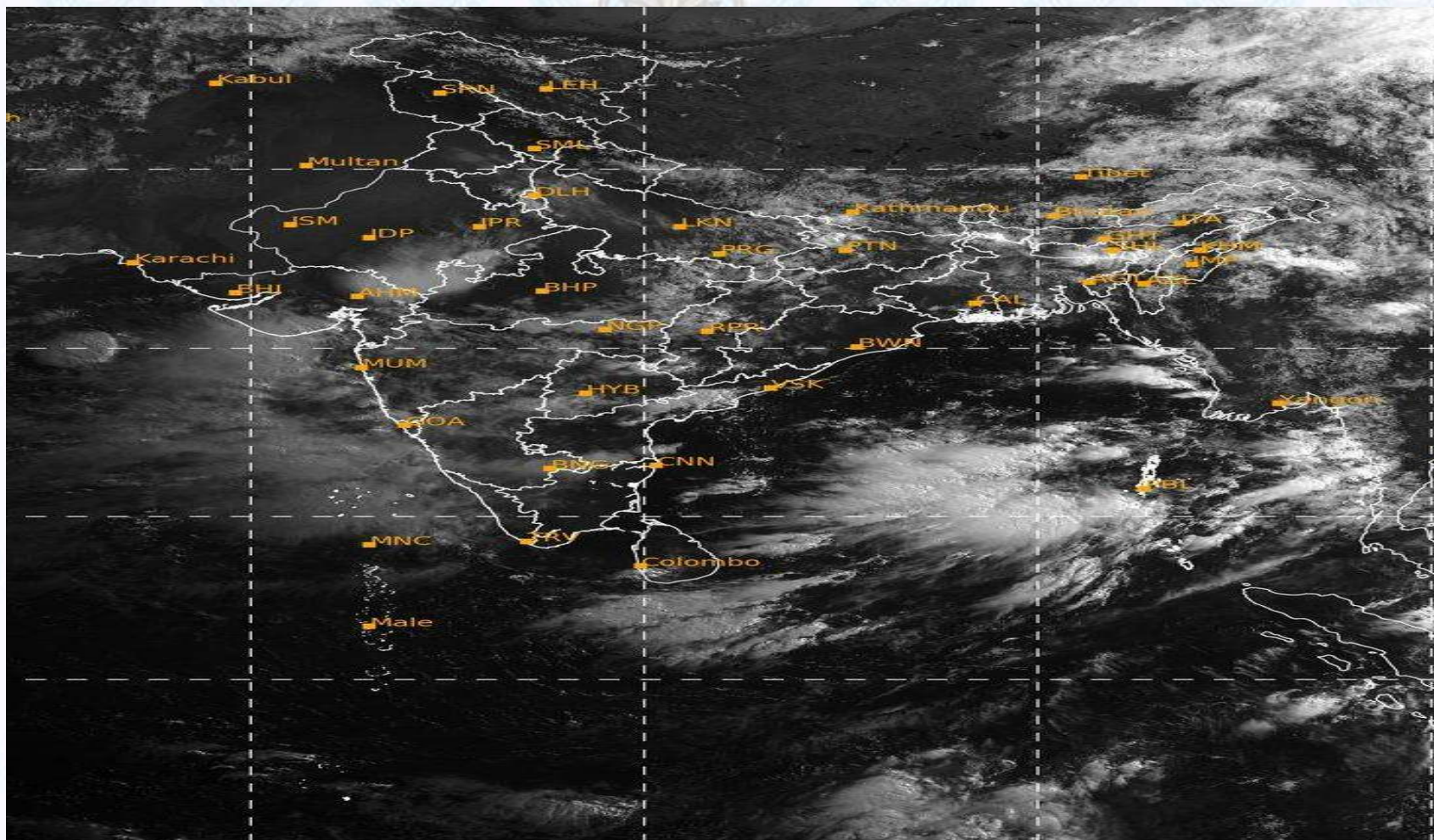


31/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



31/07/2020, 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 31.07.2020)

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-WESTERLY, 08-12 KTS. 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 = 0000 UTC. CHATTOGRAM =1003 HPA



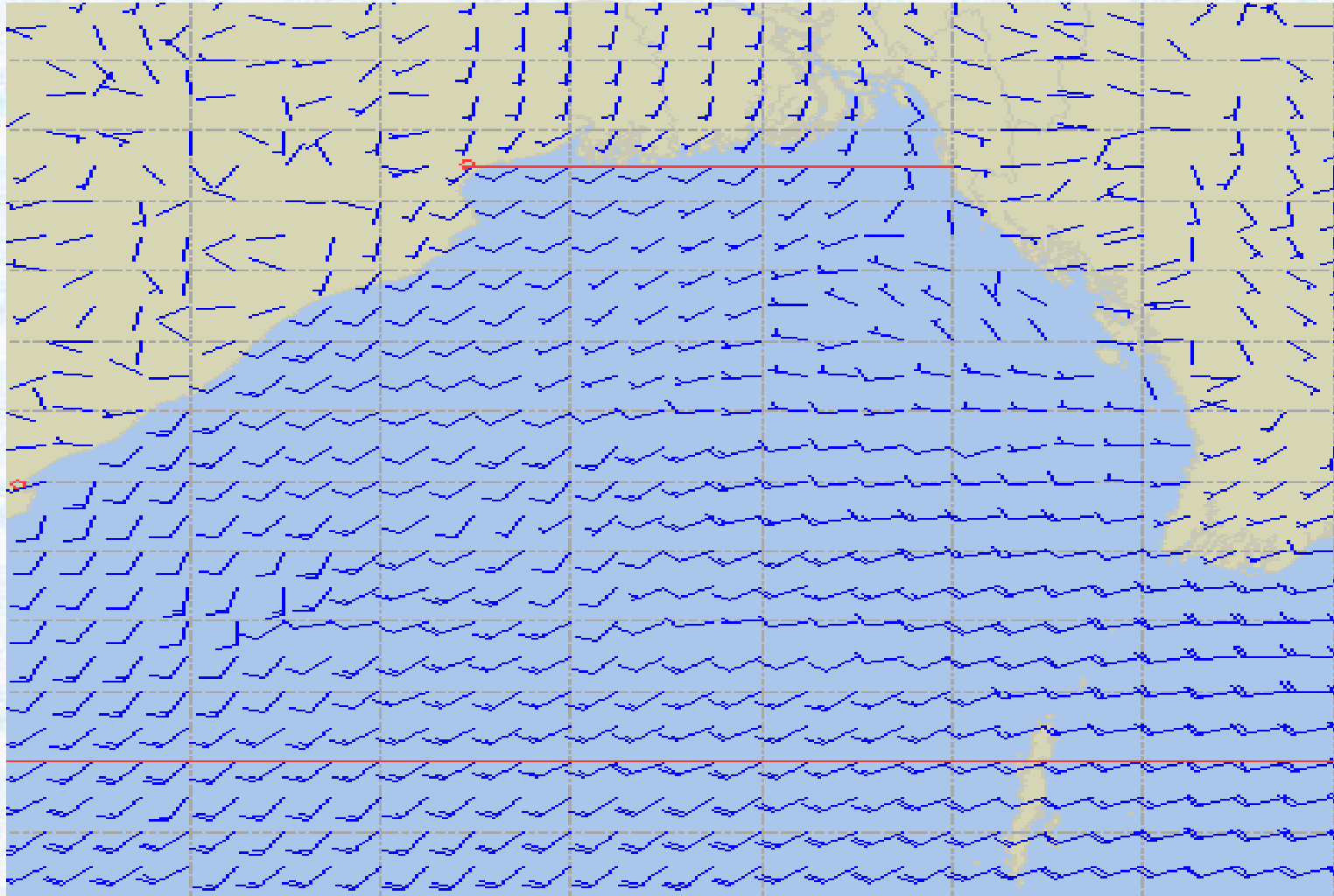
Inland River Port Warning **(VALID TILL 01 PM OF 31.07.2020)**

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, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYHMENSINGH, SYLHET, DHAKA, FARIDPUR, KHULNA, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, CHATTOGRRAM AND COXS BAZAR AND WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 01 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



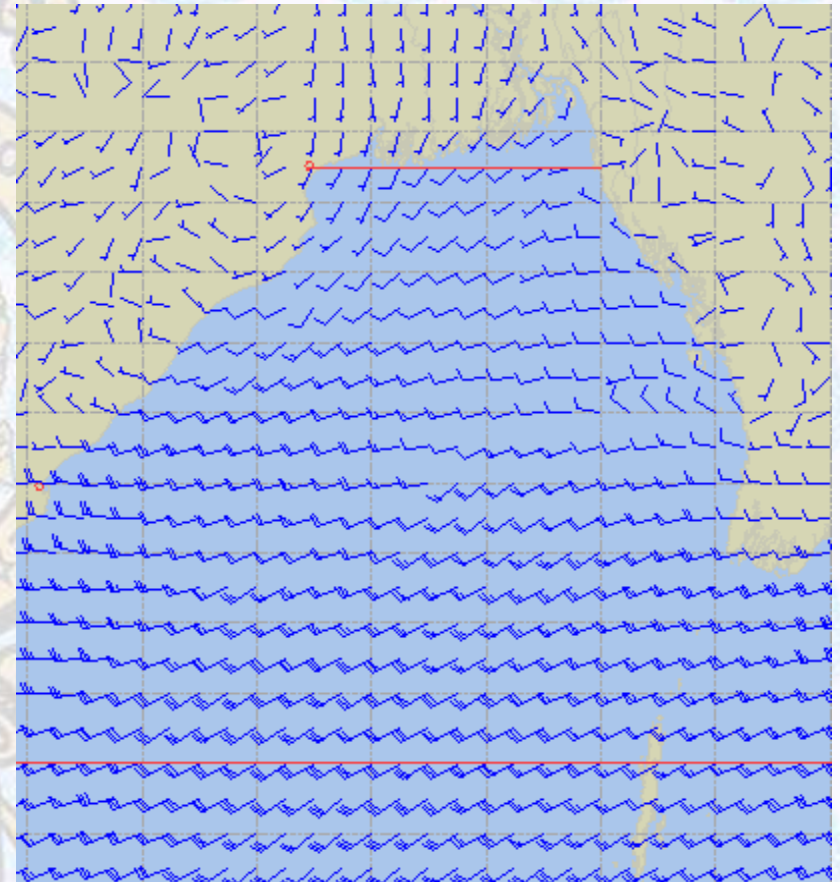
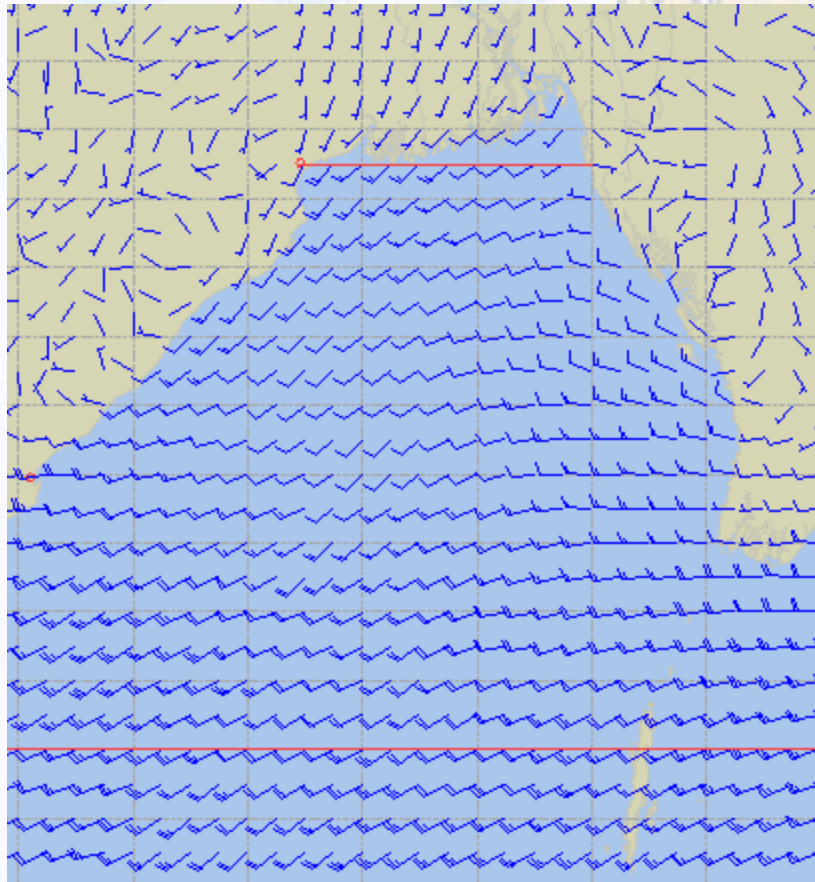
60 Knots



Surface Wind Forecast – 02 & 03 Aug - 2020

02 August 2020 Sunday

03 August 2020 Monday



Legend:



**Calm
Winds**



5 Knots



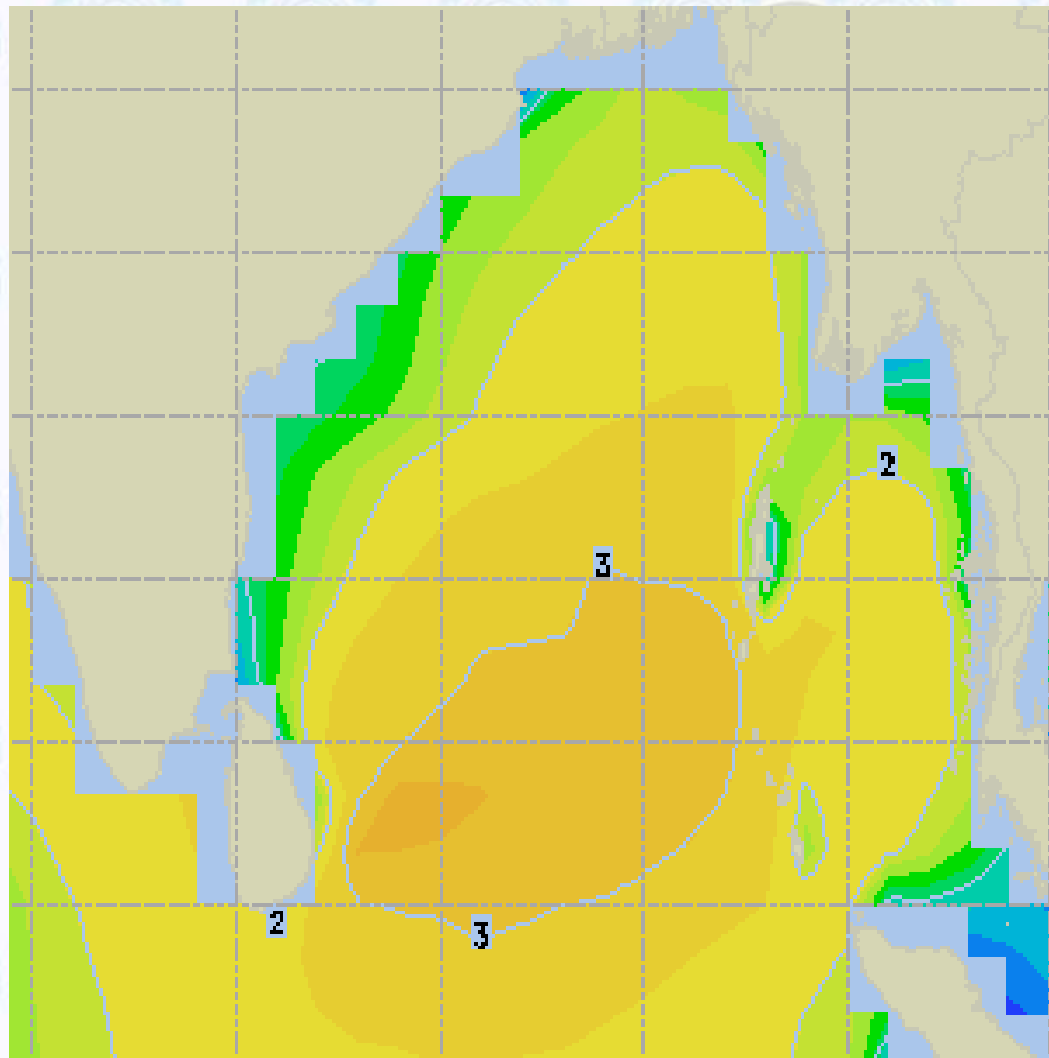
10 Knots



60 Knots



Sea State Forecast – 01 Aug- 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

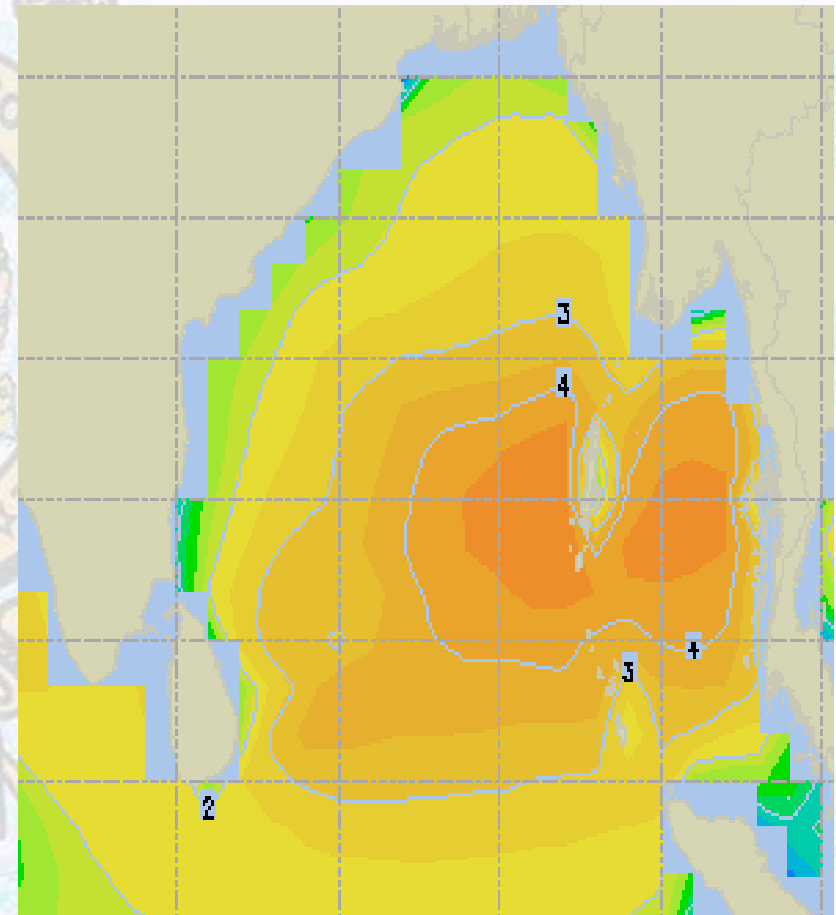
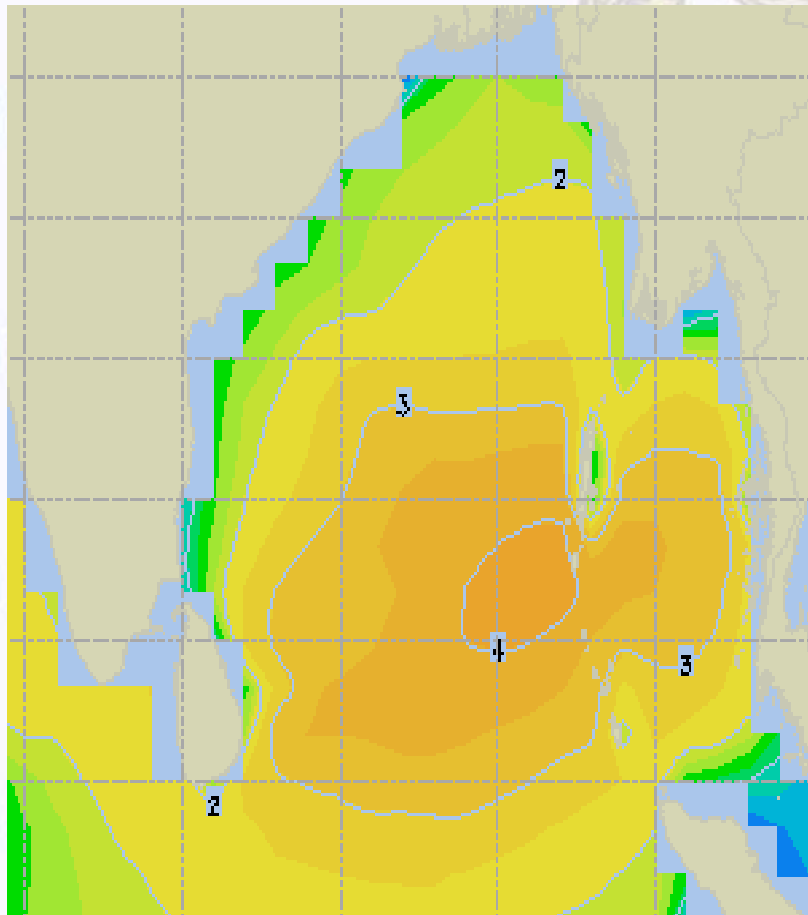




Sea State Forecast – 02 & 03 Aug - 2020

02 August 2020 Sunday

03 August 2020 Monday

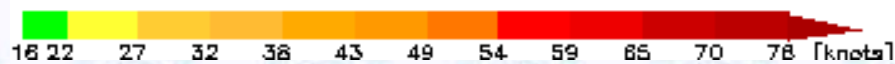
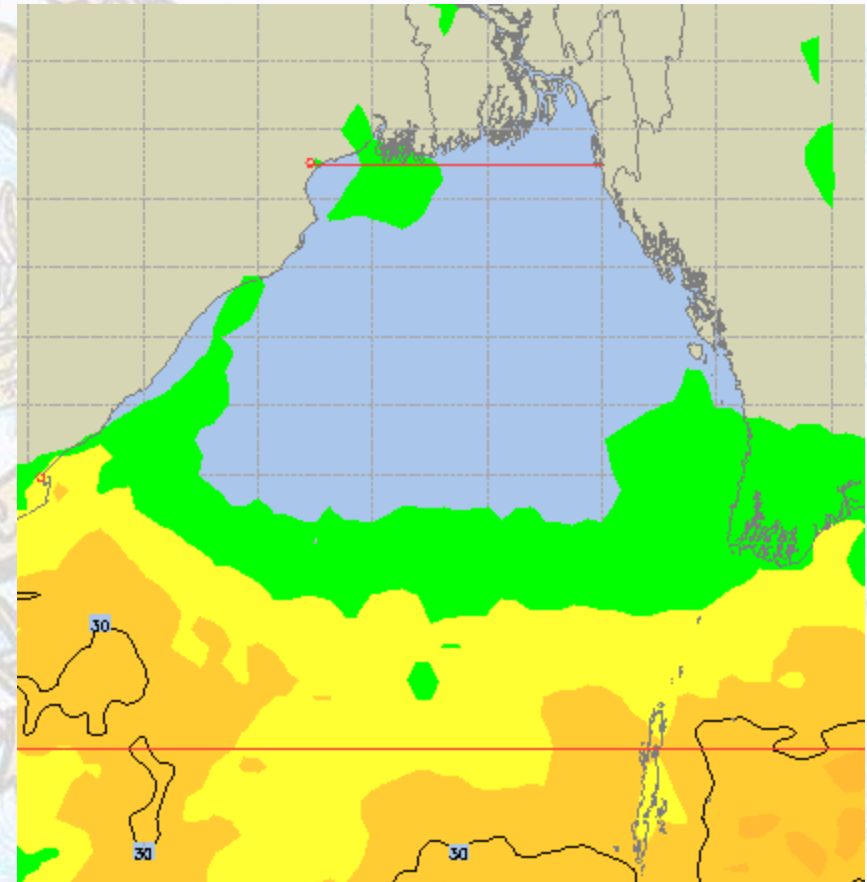
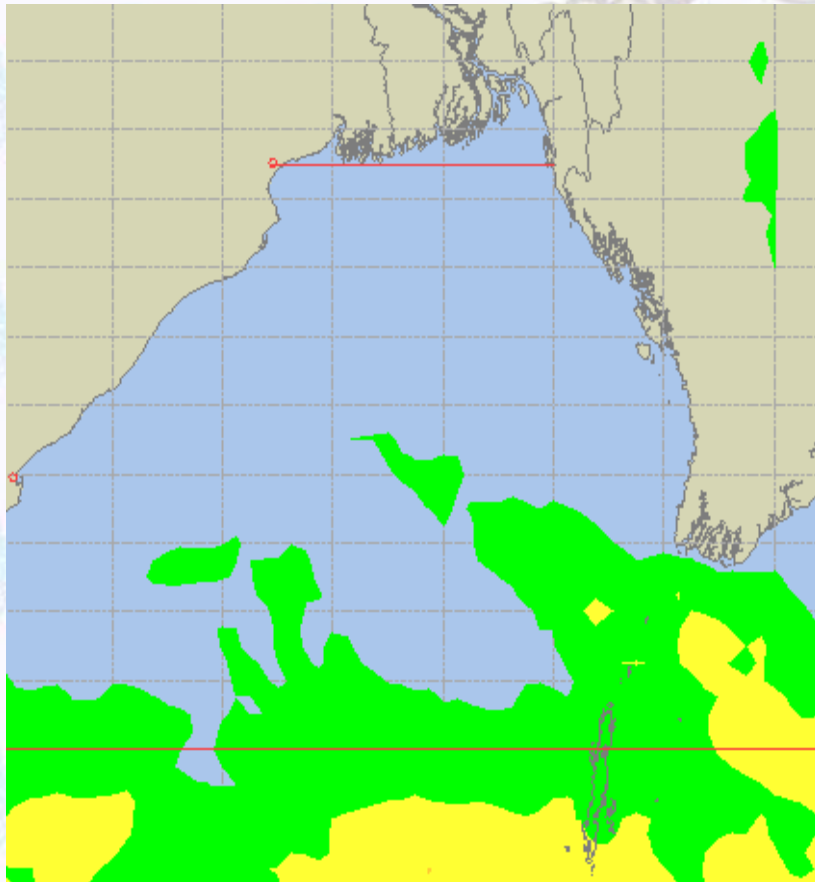




Peak Gusting Possibilities– 01 & 02 Aug 2020

01 August 2020 Saturday

02 August 2020 Sunday

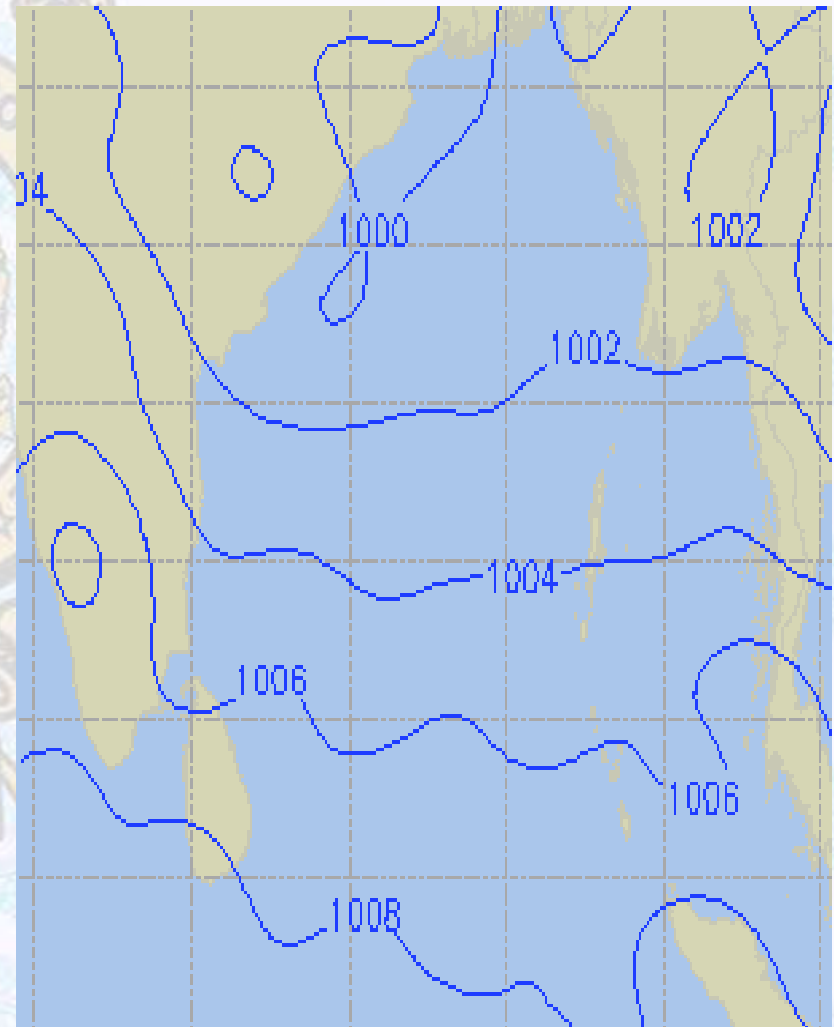
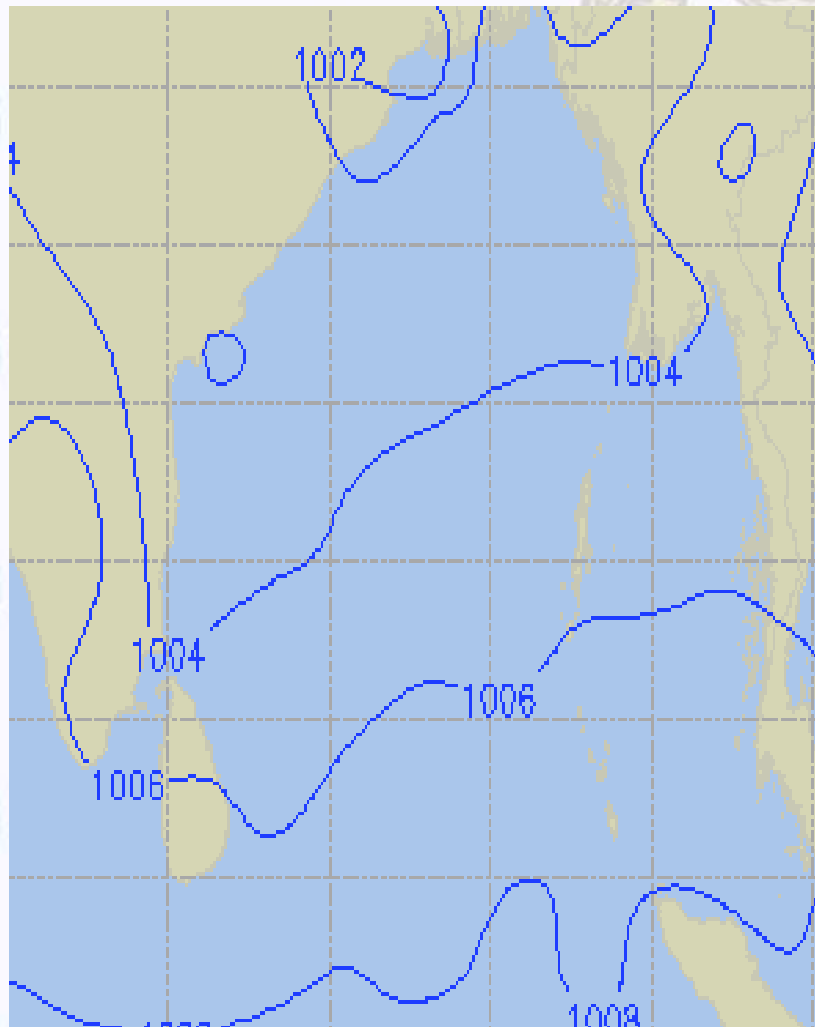




Surface Pressure forecast– 01 & 02 Aug 2020

01 August 2020 Saturday

02 August 2020 Sunday

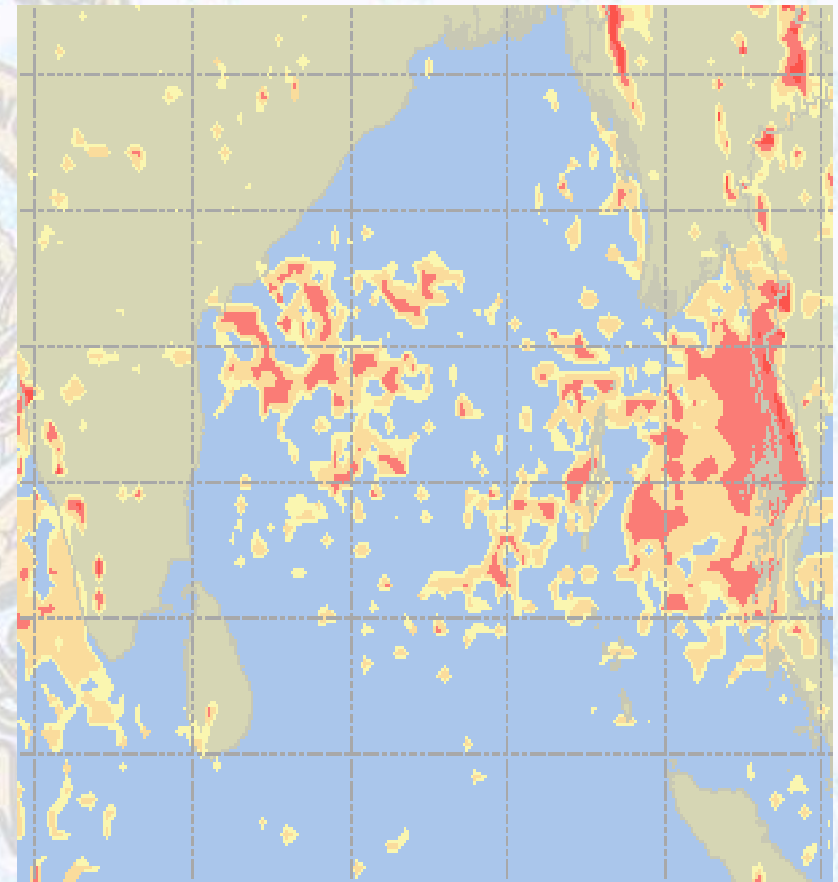
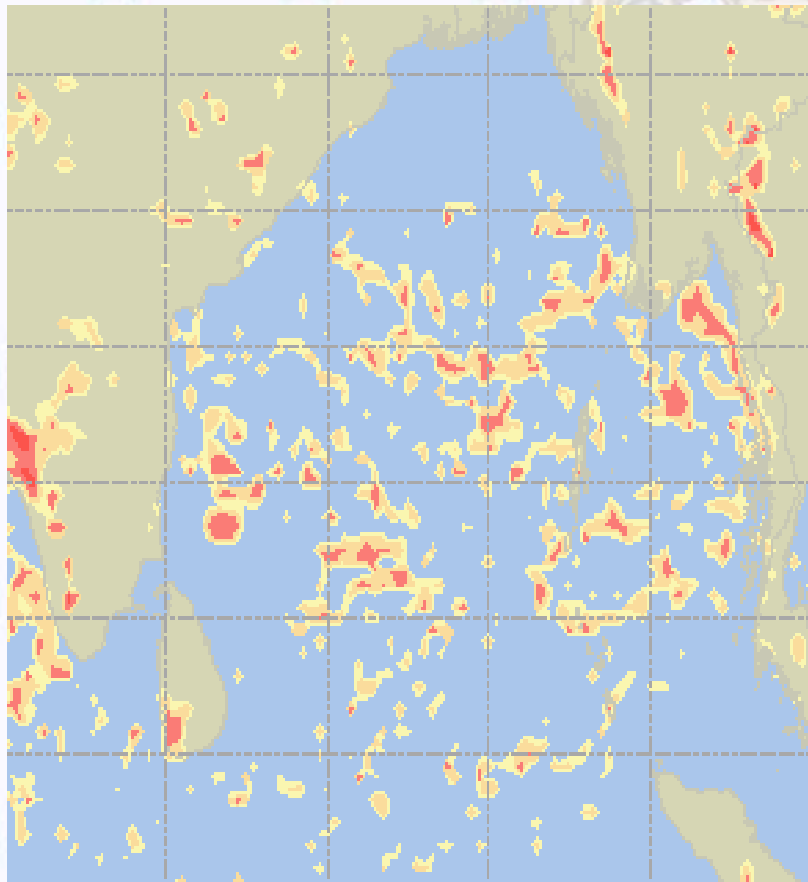




Visibility at Sea Forecast – 01 & 02 Aug 2020

01 August 2020 Saturday

02 August 2020 Sunday



Visibility Scale:

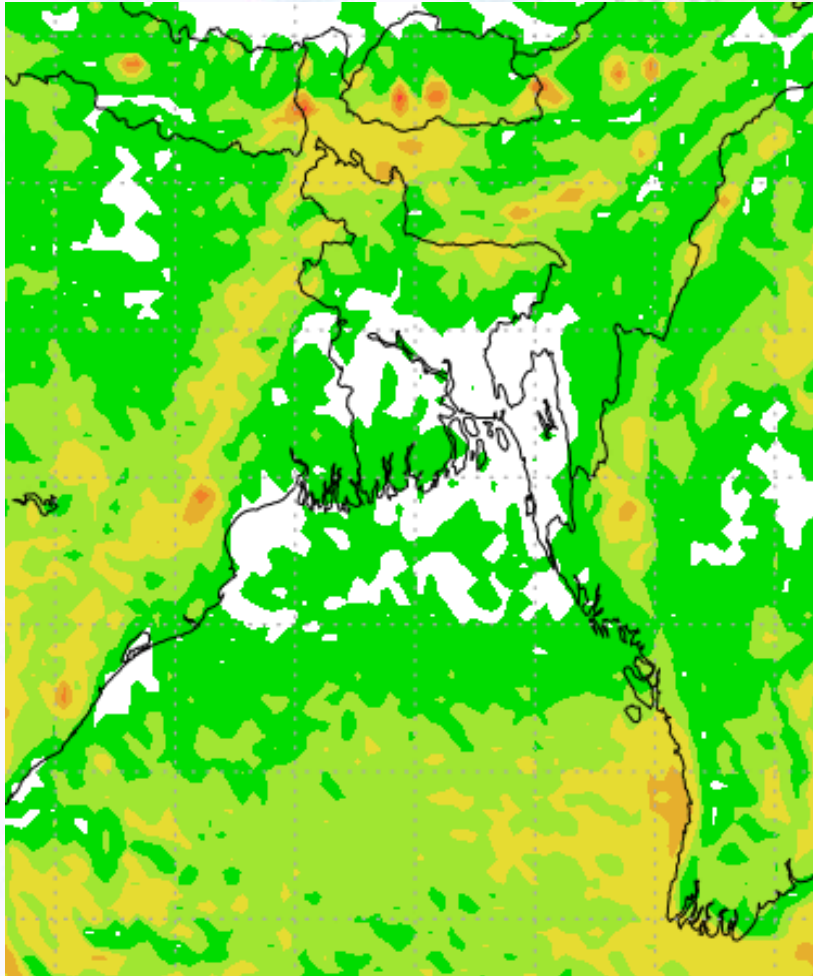


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

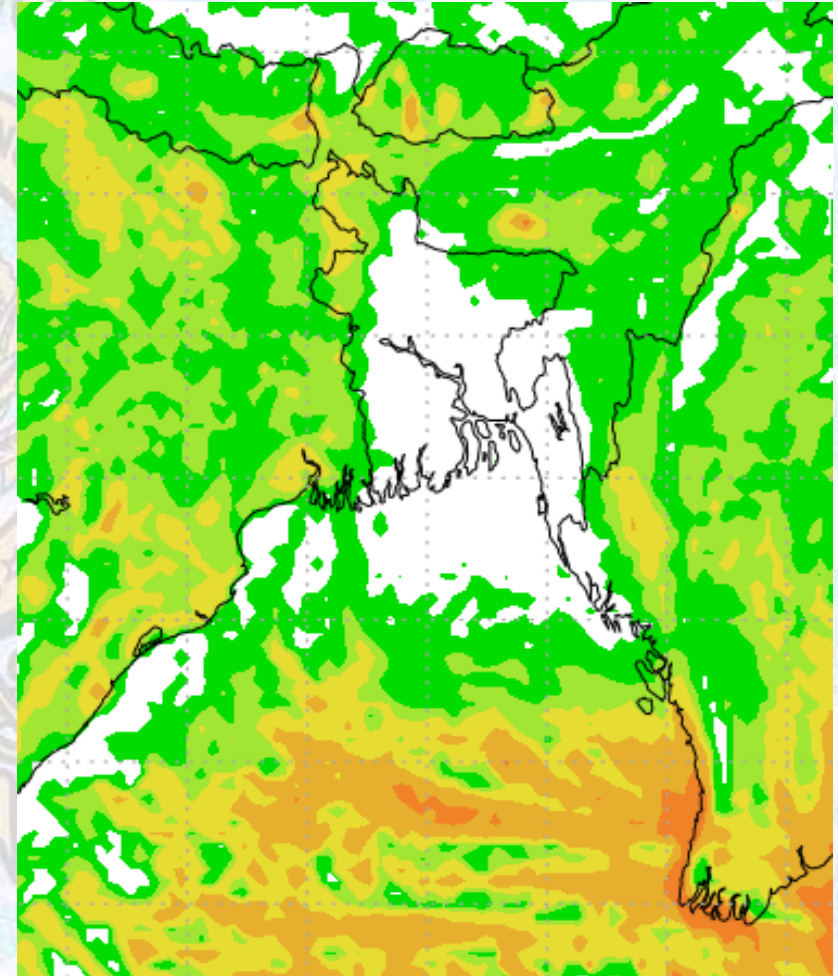


Precipitation

Rain(mm) 01 & 02 Aug 2020



Rain(mm) 02 & 03 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0520		1.18			0256	1.23
01 Aug 2020	1128	5.03		0850	3.46		0900	3.17
	1805	1.07		1535	1.21		1533	1.36
	-	-		2117	3.22		2128	2.87
	Time	Height		Time	Height		Time	Height
		0001		4.69			0353	1.13
02 Aug 2020	0613	1.06		0939	3.62		0948	3.28
	1214	5.17		1625	1.13		1621	1.23
	1853	0.96		2202	3.36		2213	2.99
	Time	Height		Time	Height		Time	Height
		0043		4.85			0441	1.05
03 Aug 2020	0057	0.96		1024	3.75		1028	3.35
	1253	5.30		1710	1.08		1701	1.14
	1933	0.89		2243	3.46		2250	3.08