



WEATHER FORECAST FOR BN

02 AUG- 05 AUG 2020



WEATHER FORECAST – DHAKA

02.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 27	34 / 27	31 / 27	31 / 27
Wind	4 km/h WSW	6 km/h WSW	4 km/h SW	4 km/h SSW
Humidity	67%	65%	76%	81%
Chance of Precip	14%	12%	21%	41%
Cloud Cover	72%	70%	60%	74%
Conditions	Cloudy	Cloudy	Cloudy/	Cloudy/ Light Rain
Sunrise Sunset	5: 28 AM 6: 40 PM			

Conditions

Pressure : 1000 hpa

Visibility : 4.05 km

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



WEATHER FORECAST – CHATTOGRAM

02.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	31 / 27	29 / 27	29 / 27
Wind	6 km/h W	7 km/h W	6 km/h WSW	3 km/h W
Humidity	79%	79%	87%	90%
Chance of Precip.	11%	8%	18%	41%
Cloud Cover	75%	77%	78%	80%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy/ Light Rain
Sunrise Sunset	5: 25 AM 6: 32 PM			

Conditions

Pressure : 1000 hpa

Visibility : 9.05 Km

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



WEATHER FORECAST – KHULNA

02.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 28	34 / 28	31 / 28	30 / 28
Wind	6 km/h SE	7 km/h S	8 km/h SSW	6 km/h SW
Humidity	75%	76%	88%	92%
Chance of Precip.	48%	24%	14%	7%
Cloud Cover	72%	72%	71%	69%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 33 AM 6: 42 PM			

Conditions

Pressure : 1000 hpa

Visibility : 14.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	03 August 2020	04 August 2020	05 August 2020
Temperature (C)	35 °C/ 28 °C	33 °C/ 28 °C	33 °C/ 27 °C
Summary	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h28m54s/18h40m06s	5h29m24s/18h39m30s	5h29m48s/18h38m48s
Day Length	13h11m12s	13h10m06s	13h09m00s
Moon Rise/ Set	6:41PM 4:50AM	7:25PM 5:48AM	8:04PM 6:44AM
Moon Phase/ illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 97%
NauticalTwilight	0436,1932	0436,1931	0436,1931
Civil Twilight	0504,1904	0505,1903	0505,1902
Humidity	D : 70% N : 82%	D : 76% N : 83%	D : 74% N : 81%
Barometer (mb)	995	993	994
Visibility	Moderate	Moderate	Moderate
Precip Chance	40%	80%	80%
Wind (mph)	4 Km/h NNW	8 Km/h ENE	23 Km/h ESE

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	03 August 2020	04 August 2020	05 August 2020
Temperature (C)	31 °C/ 27 °C	31 °C/ 26 °C	31 °C/ 27 °C
Summary	Cloudy/ Light rain	Cloudy/ Light rain	Cloudy/ Light rain
Sun Rise/Set	5h25m36s/18h31m54s	5h26m06s/18h31m24s	5h26m24s/18h30m42s
Day Length	13h06m18s	13h05m18s	13h04m18s
Moon Rise/ Set	6:33PM 4:47AM	7:17PM 5:45AM	8:04PM 6:44AM
Moon Phase/ illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 97%
Nautical Twilight	0433, 1923	0433, 1923	0433, 1923
Civil Twilight	0502, 1855	0502, 1855	0502, 1854
Humidity	D : 86% N : 93%	D : 87% N : 91%	D : 82% N : 98%
Barometer (mb)	995	993	995
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	80%	80%
Wind (mph)	8 Km/h WNW	8 Km/h SSE	21 Km/h SE

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



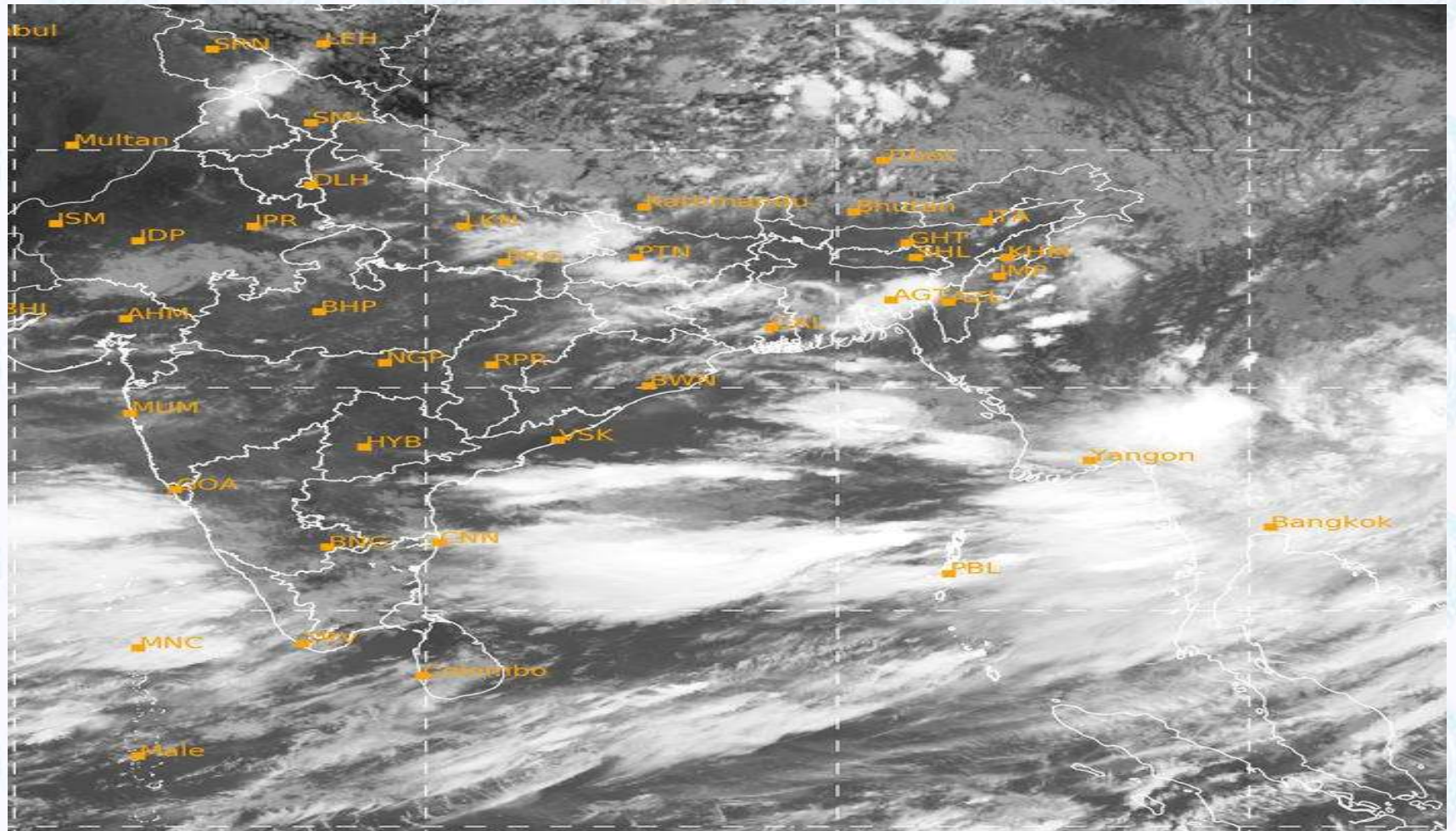
GENERAL WEATHER FORECAST – KHULNA

Description	03 August 2020	04 August 2020	05 August 2020
Temperature(C)	35°C/ 28°C	33°C/ 28°C	32°C/ 27°C
Summary	Cloudy	Cloudy/ Light rain	Cloudy/ Light rain
Sun Rise/Set	5h33m54s/18h41m54s	5h34m24s/18h41m18s	5h34m48s/18h40m42s
Day Length	13h08m00s	13h06m54s	13h05m54s
Moon Rise/Set	6:43PM 4:57AM	7:28PM 5:55AM	8:04PM 6:44AM
Moon Phase/illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 97%
Nautical Twilight	0442, 1934	0442, 1933	0442, 1933
Civil Twilight	0510, 1906	0510, 1905	0510, 1904
Humidity	D : 75% N : 85%	D : 84% N : 86%	D : 86% N : 86%
Barometer (mb)	995	993	993
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	90%	80%
Wind (mph)	4 km/h E	7 km/h ENE	21 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

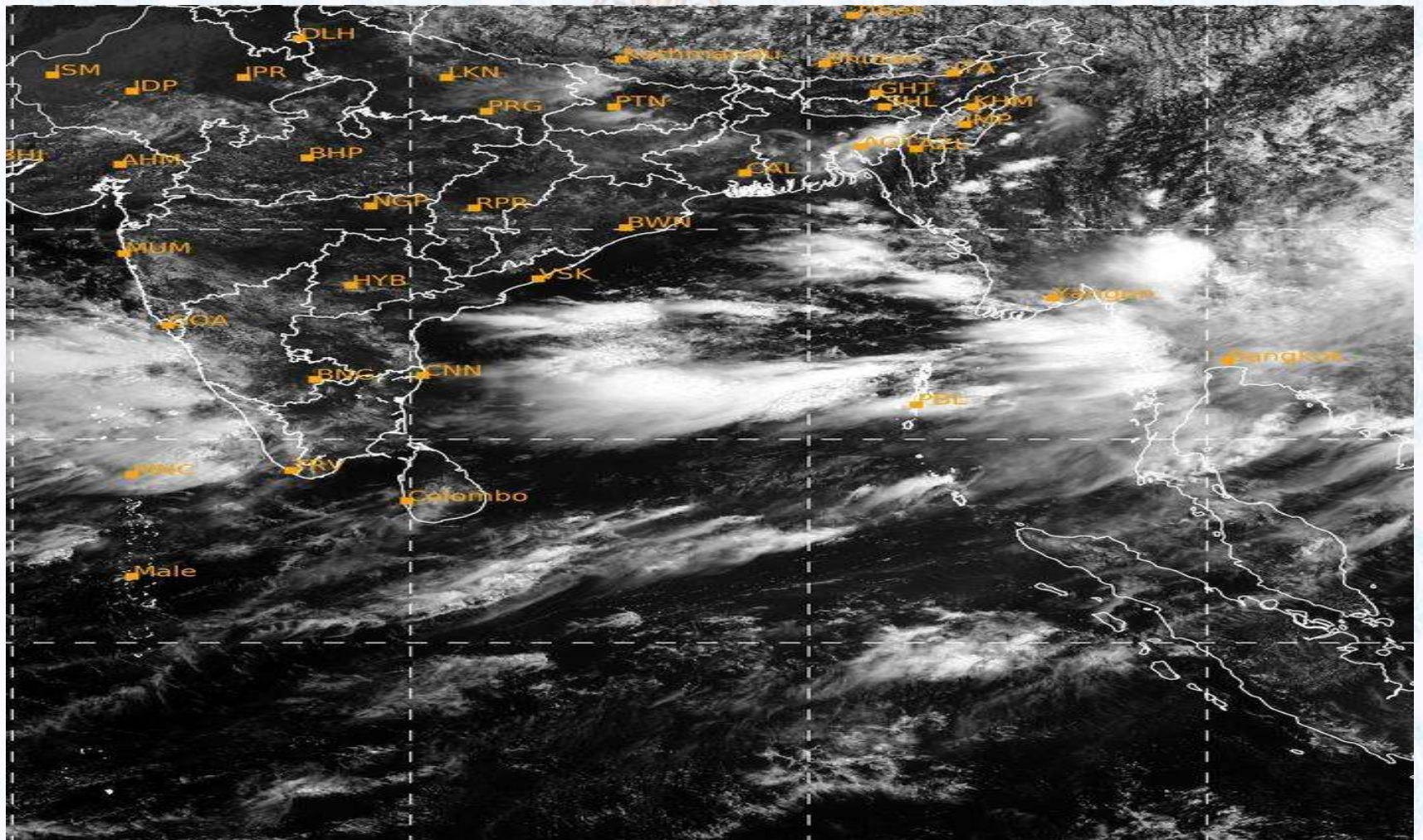


02/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



02/08/2020, 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 02.08.2020)

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	SW/W'LY, 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 =999 HPA



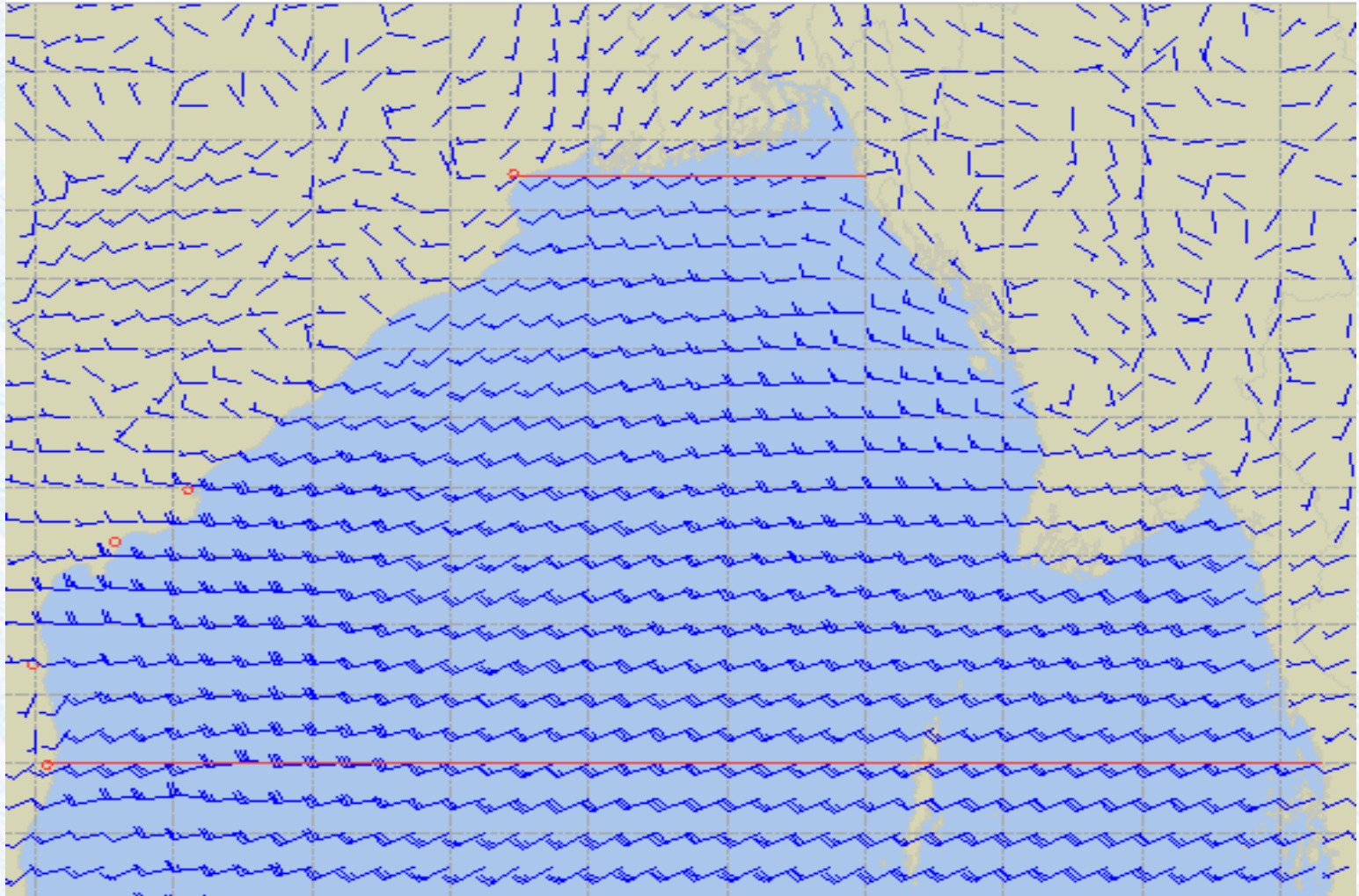
Inland River Port Warning (VALID TILL 06 PM OF 02.08.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **S/SE'LY**, 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 AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 03 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



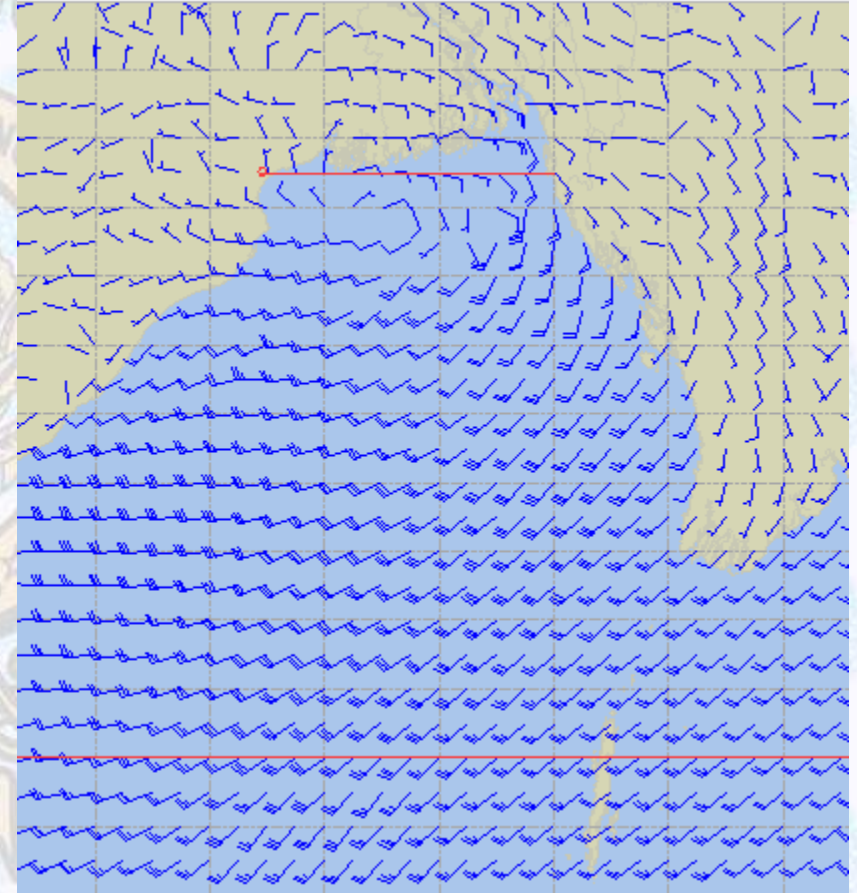
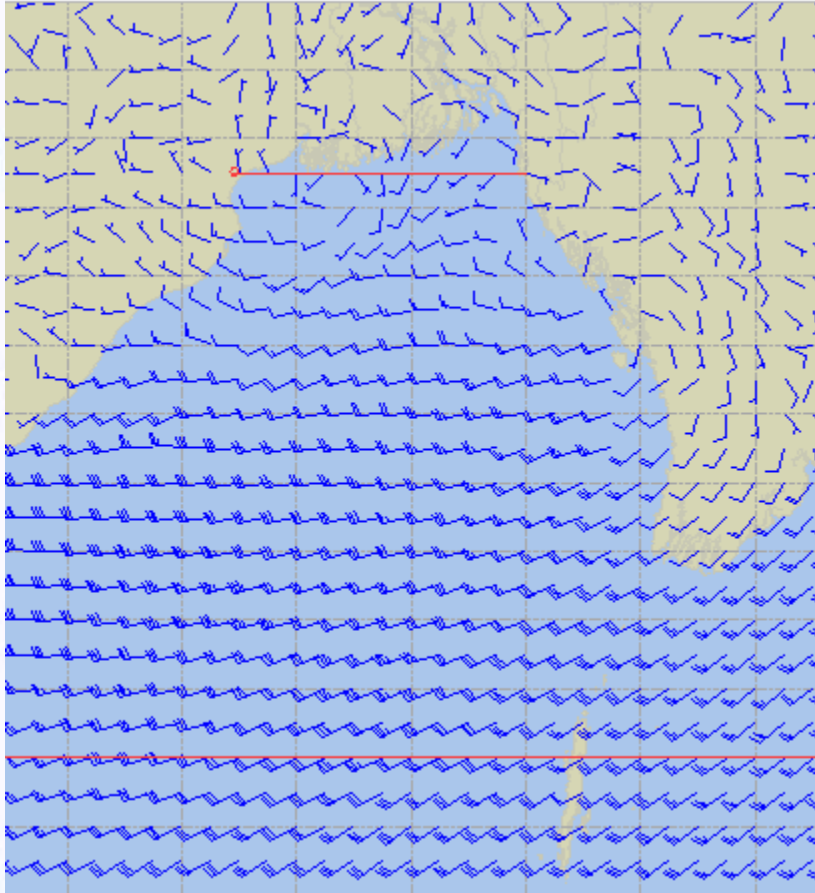
60 Knots



Surface Wind Forecast – 04 & 05 Aug - 2020

04 August 20 Tuesday

05 August 20 Wednesday



Legend:



**Calm
Winds**



5 Knots



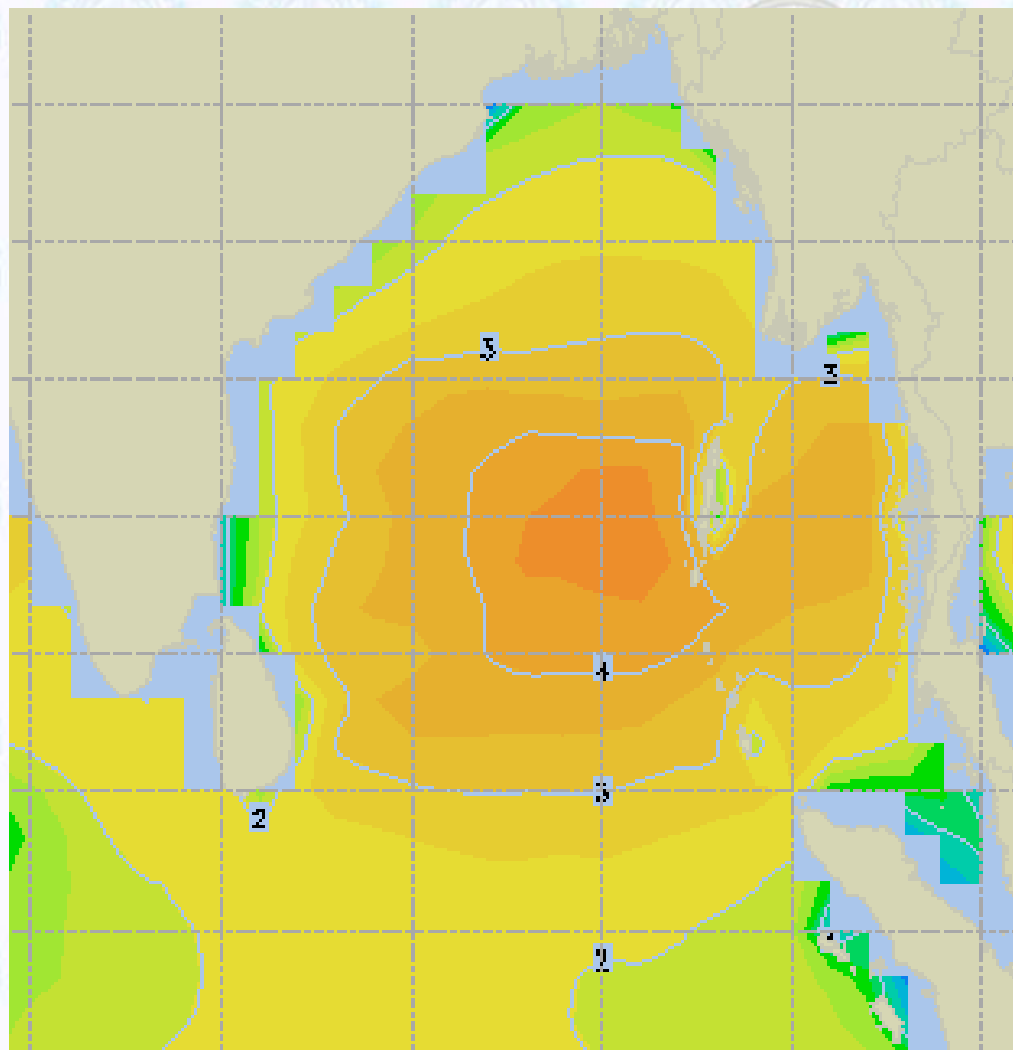
10 Knots



60 Knots



Sea State Forecast – 03 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

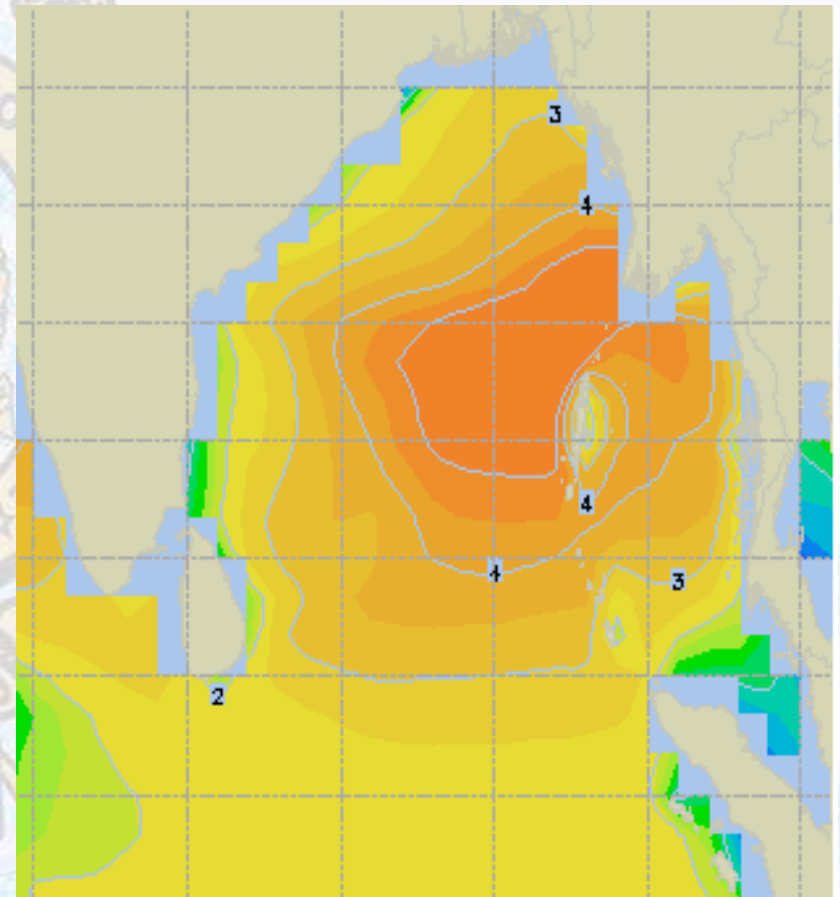
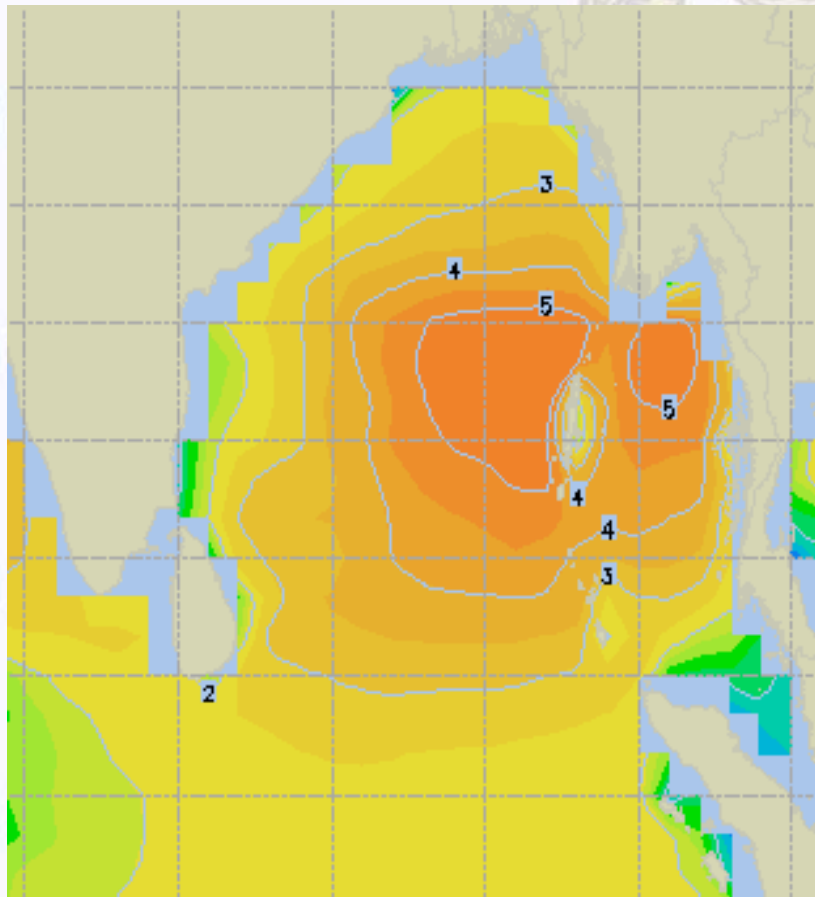




Sea State Forecast – 04 & 05 Aug - 2020

04 August 20 Tuesday

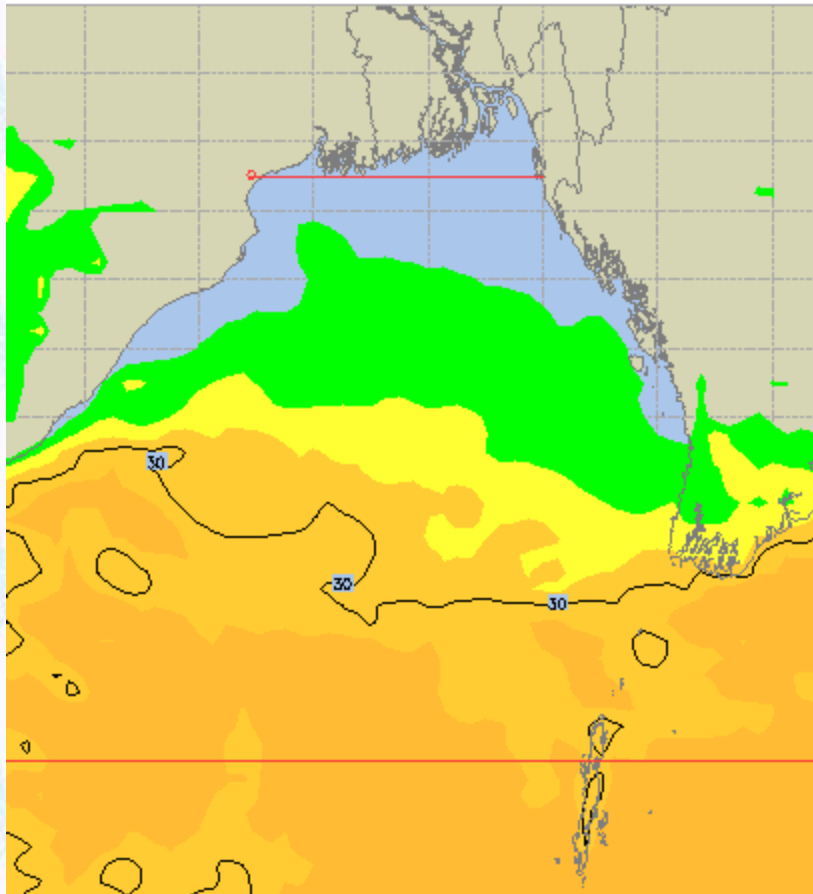
05 August 20 Wednesday



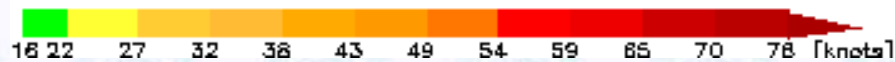
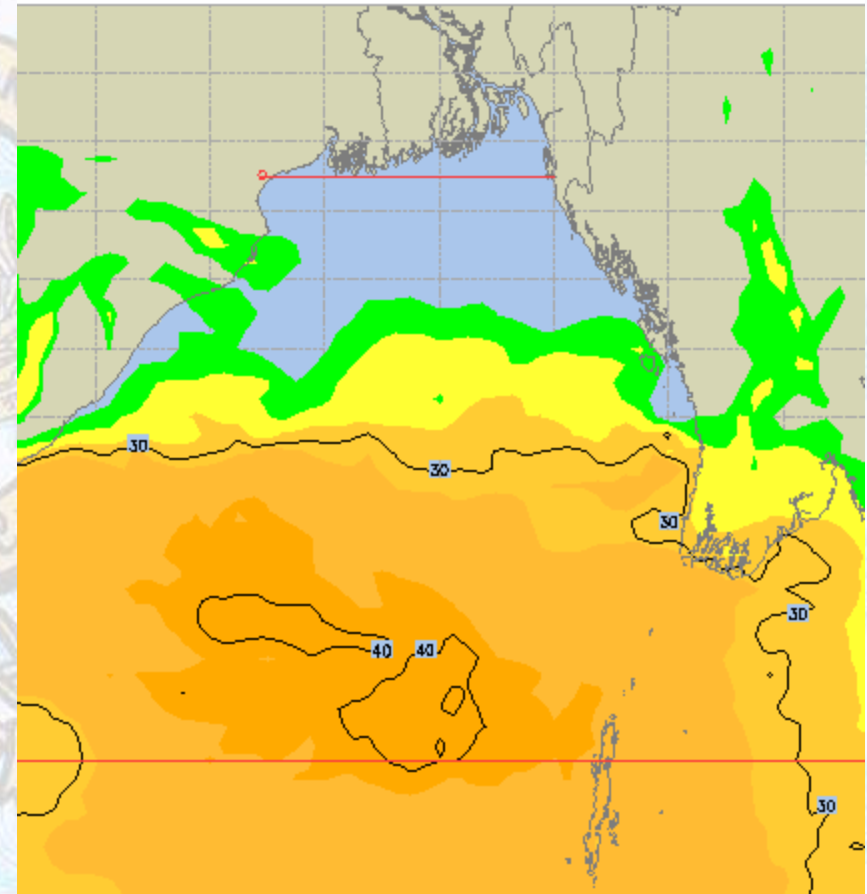


Peak Gusting Possibilities— 03 & 04 Aug 2020

03 August 20 Monday



04 August 20 Tuesday

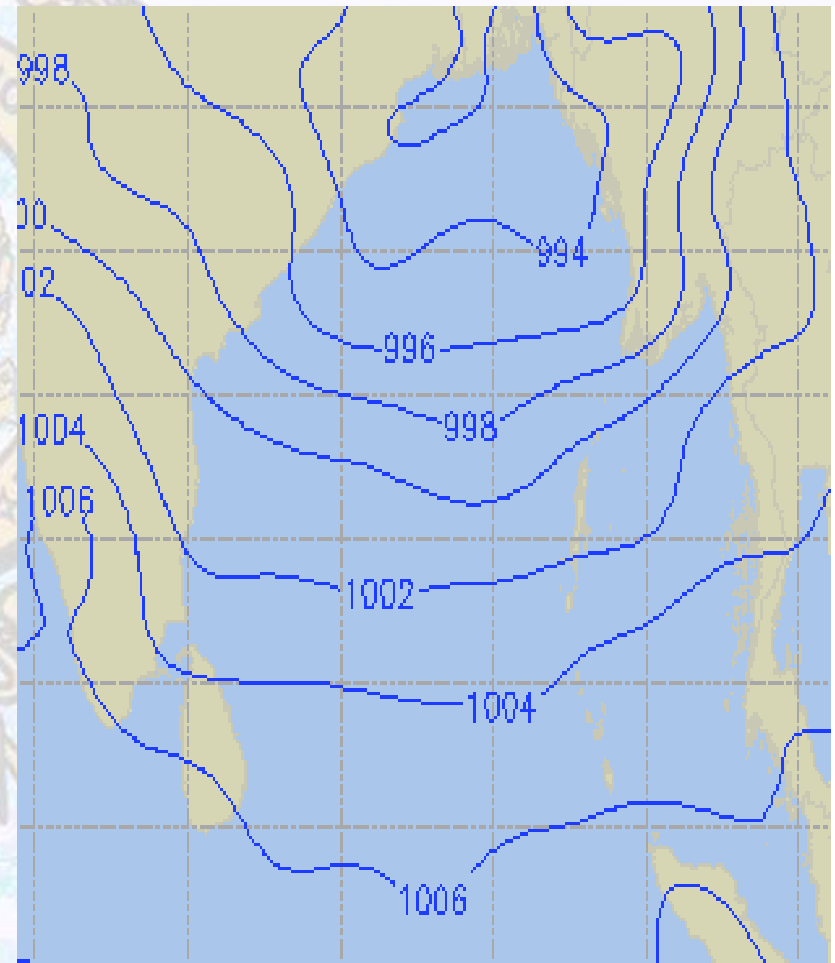
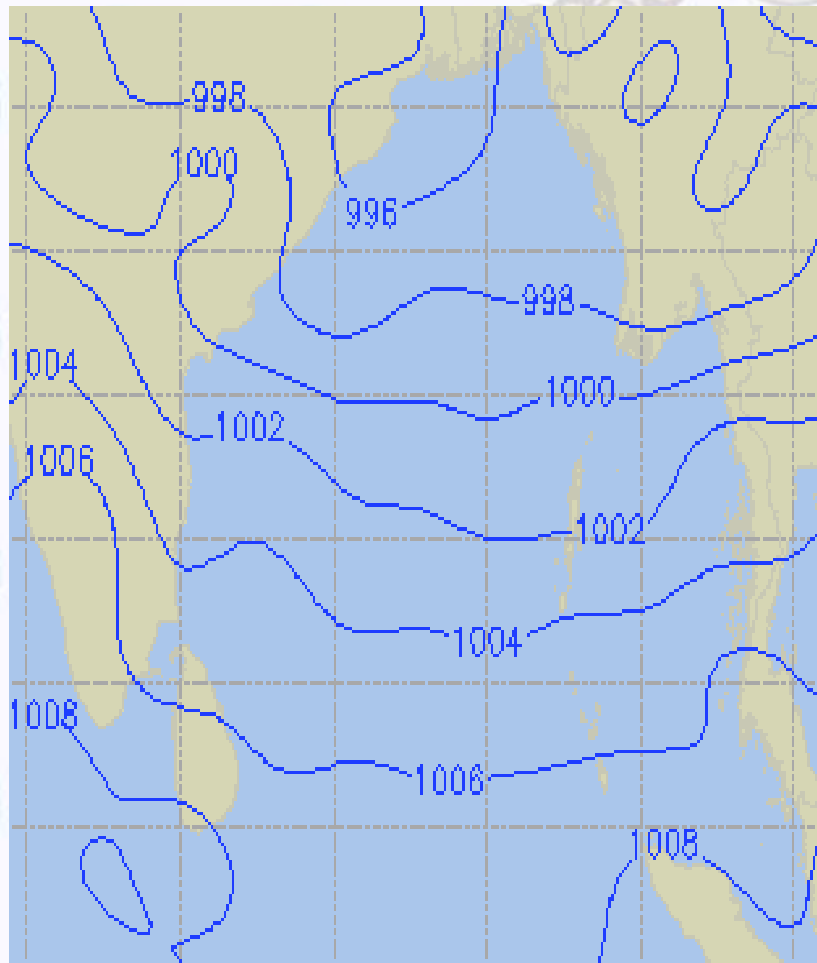




Surface Pressure forecast– 03 & 04 Aug 2020

03 August 20 Monday

04 August 20 Tuesday

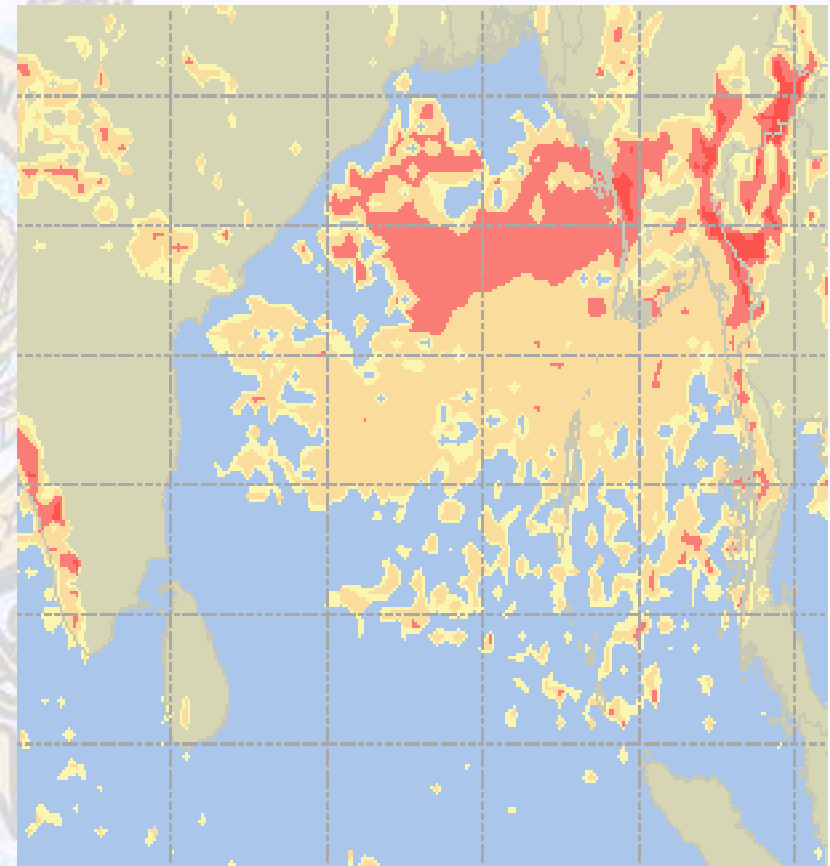
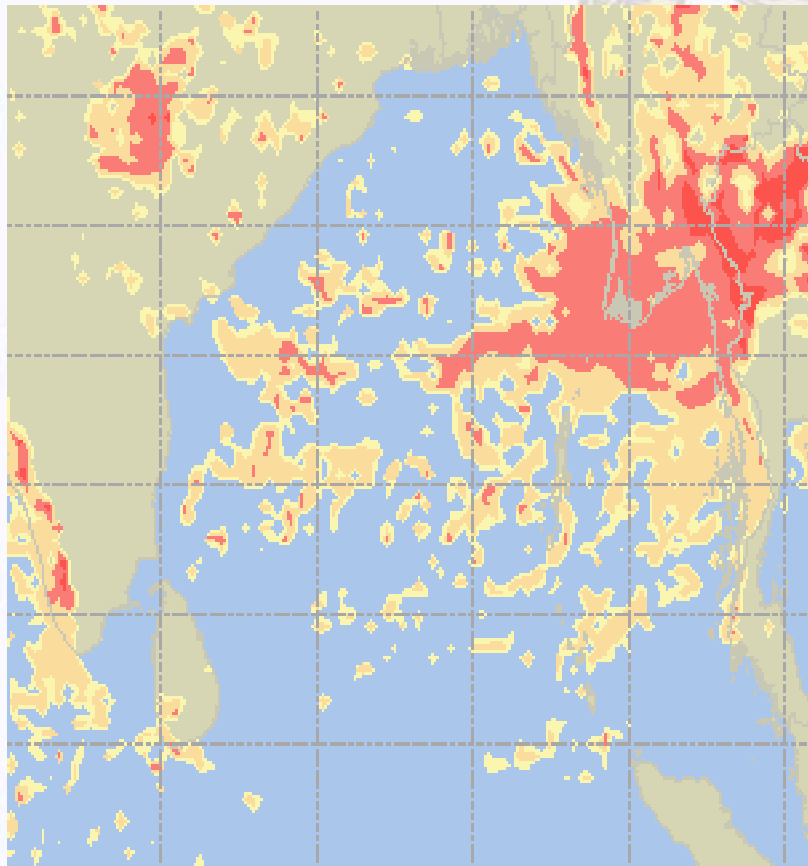




Visibility at Sea Forecast – 03 & 04 Aug 2020

03 August 2020 Monday

04 August 2020 Tuesday



Visibility Scale:

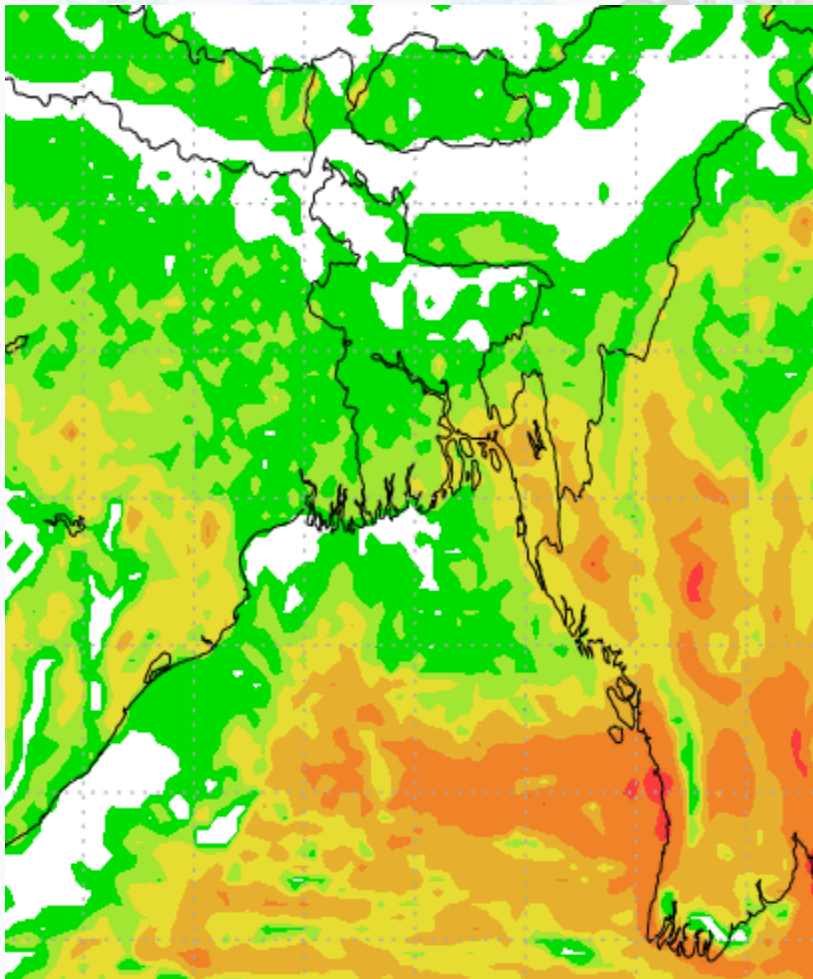


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

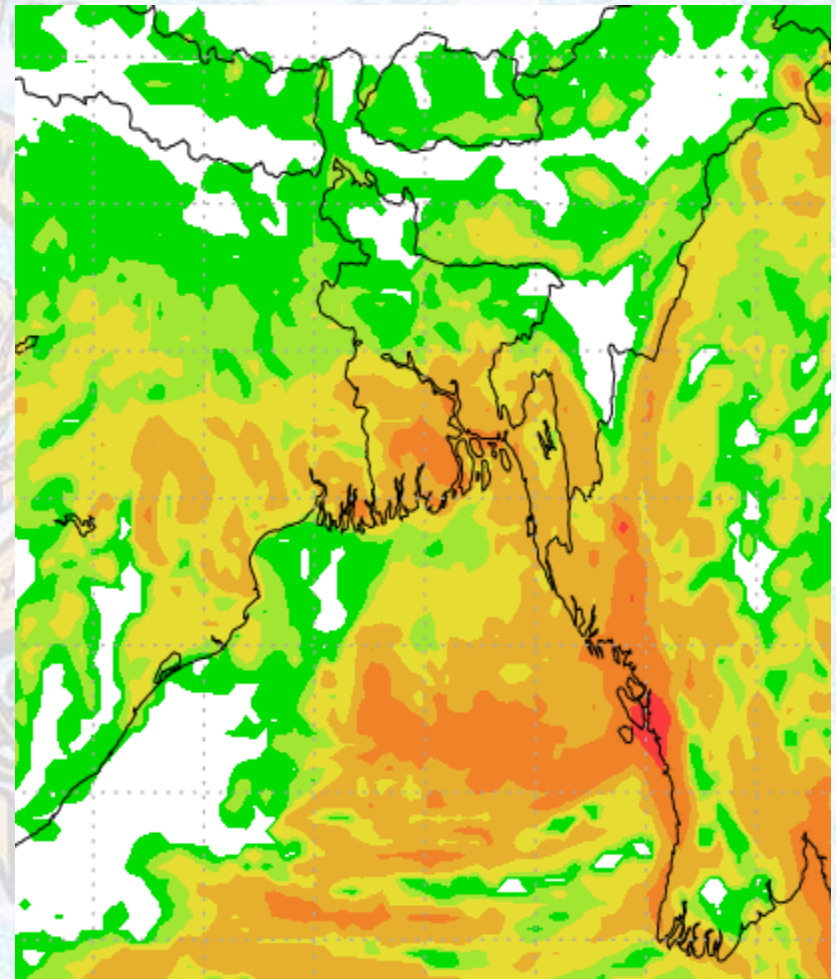


Precipitation

Rain(mm) 03 & 04 Aug 2020



Rain(mm) 04 & 05 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
03 Aug 2020	0043	4.85		0441	1.05		0418	1.14
	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
04 Aug 2020	Time	Height		Time	Height		Time	Height
	0119	5.00		0524	1.00		0458	1.08
	0736	0.88		1104	3.82		1103	3.39
	1327	5.42		1749	1.06		1735	1.08
	2009	0.82		2322	3.51		2323	3.14
05 Aug 2020	Time	Height		Time	Height		Time	Height
	0151	5.13		0602	1.00		0532	1.06
	0810	0.82		1142	3.84		1134	3.40
	1358	5.51		1825	1.07		1805	1.06
	2040	0.77		2358	3.51		2353	3.17