



WEATHER FORECAST FOR BN

08 AUG- 11 AUG 2020





WEATHER FORECAST – DHAKA

08.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	32 / 26	30 / 26	29 / 26
Wind	12 km/h SSE	15 km/h SSE	13 km/h SSE	11 km/h SE
Humidity	72%	72%	80%	85%
Chance of Precip	56%	14%	12%	14%
Cloud Cover	81%	81%	82%	87%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 30 AM 6: 36 PM			

Conditions

Pressure : 1001 hpa

Visibility : 6.54 km

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



WEATHER FORECAST – CHATTOGRAM

08.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	28 / 26	28 / 26
Wind	14 km/h S	15 km/h S	14 km/h SSE	14 km/h SE
Humidity	85%	85%	91%	90%
Chance of Precip.	16%	18%	30%	31%
Cloud Cover	89%	87%	87%	90%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 27 AM 6: 28 PM			

Conditions

Pressure : 1002 hpa

Visibility : 8.66 Km

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



WEATHER FORECAST – KHULNA

08.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	32 / 28	29 / 27	29 / 27
Wind	11 km/h SSE	11 km/h SSE	8 km/h SSE	6 km/h SSE
Humidity	80%	80%	90%	93%
Chance of Precip.	95%	17%	11%	20%
Cloud Cover	87%	85%	77%	75%
Conditions	Cloudy/ Light Rain	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 35 AM 6: 38 PM			

Conditions

Pressure : 1000 hpa

Visibility : 8.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	09 August 2020	10 August 2020	11 August 2020
Temperature (C)	32 °C/ 27 °C	32 °C/ 27 °C	32 °C/ 27 °C
Summary	Cloudy	Cloudy	Cloudy/ Light Rain
Sun Rise/Set	5h31m18s/18h36m00s	5h31m42s/18h35m12s	5h32m12s/18h34m30s
Day Length	13h04m42s	13h03m30s	13h02m18s
Moon Rise/ Set	10:16PM 10:10AM	10:48PM 11:00AM	11:19PM 11:43AM
Moon Phase/ illu	Waning Gibbous, 70%	Waning Gibbous, 61%	Last Quarter, 52%
NauticalTwilight	0439,1928	0439,1927	0439,1926
Civil Twilight	0507,1859	0508,1858	0509,1858
Humidity	D : 76% N : 84%	D : 76% N : 83%	D : 76% N : 83%
Barometer (mb)	1000	1001	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	50%	60%
Wind (mph)	16 Km/h SSE	15 Km/h SSE	18 Km/h SE

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	09 August 2020	10 August 2020	11 August 2020
Temperature (C)	30 °C/ 27 °C	31 °C/ 27 °C	30 °C/ 26 °C
Summary	Cloudy/ Light rain	Cloudy/ Light rain	Light rain
Sun Rise/Set	5h27m42s/18h28m12s	5h28m06s/18h27m24s	5h28m30s/18h26m42s
Day Length	13h00m30s	12h59m18s	12h58m12s
Moon Rise/ Set	10:10PM 10:04AM	10:44PM 10:53AM	11:19PM 11:43AM
Moon Phase/ illu	Waning Gibbous, 71%	Waning Gibbous, 61%	Last Quarter, 52%
Nautical Twilight	0436, 1919	0436, 1918	0436, 1917
Civil Twilight	0504, 1851	0504, 1850	0504, 1849
Humidity	D : 85% N : 90%	D : 84% N : 91%	D : 85% N : 91%
Barometer (mb)	1002	1002	1002
Visibility	Moderate	Moderate	Moderate
Precip Chance	40%	40%	80%
Wind (mph)	18 Km/h S	17 Km/h SSE	21 Km/h SSE

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



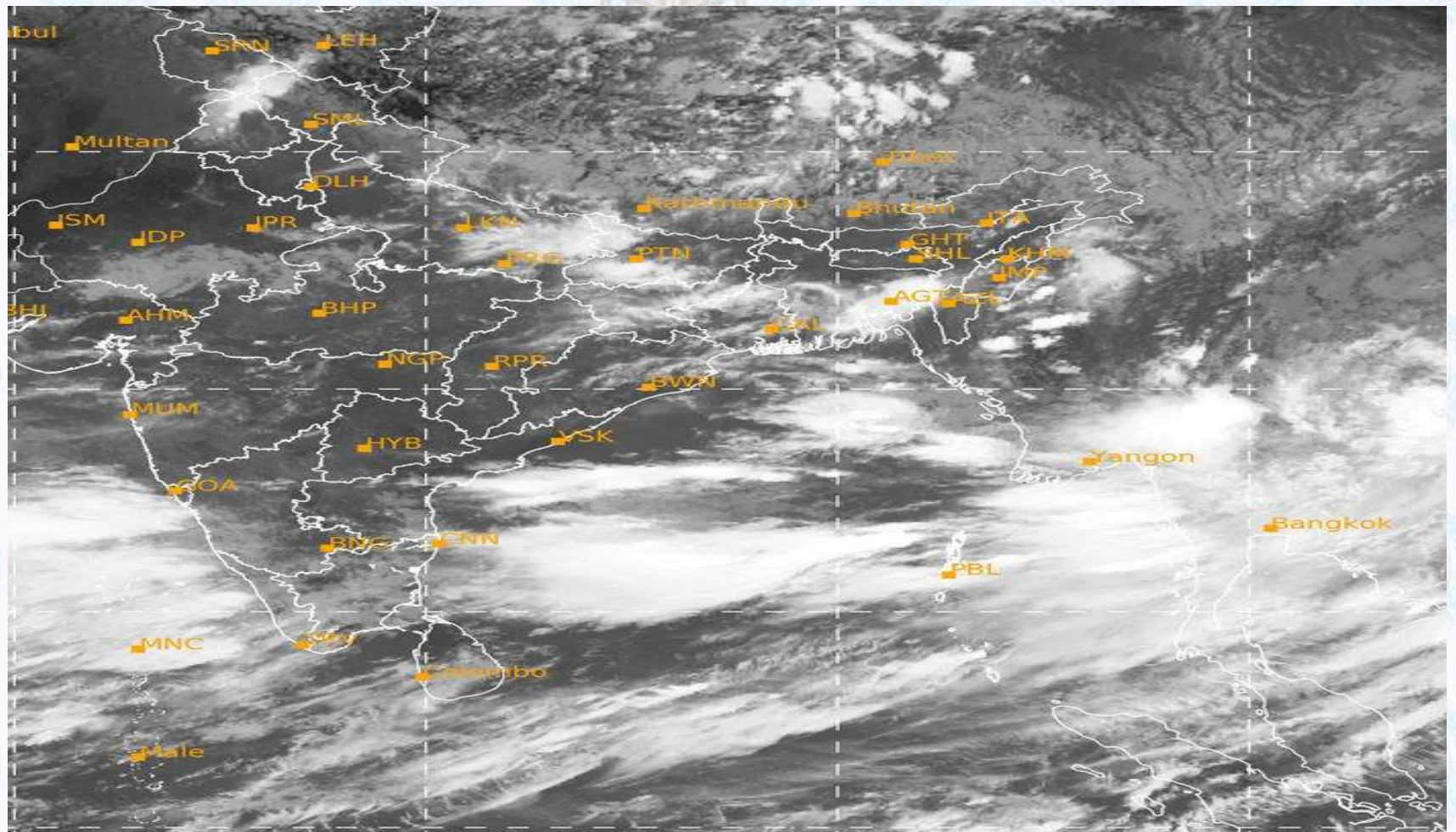
GENERAL WEATHER FORECAST – KHULNA

Description	09 August 2020	10 August 2020	11 August 2020
Temperature(C)	33°C/ 28°C	33°C/ 27°C	32°C/ 27°C
Summary	Cloudy	Cloudy	Light Rain
Sun Rise/Set	5h36m06s/18h38m06s	5h36m30s/18h37m18s	5h36m54s/18h36m36s
Day Length	13h02m00s	13h00m18s	12h59m42s
Moon Rise/Set	10:20PM 10:14AM	10:54PM 11:04AM	11:19PM 11:43AM
Moon Phase/illu	Waning Gibbous, 70%	Waning Gibbous, 61%	Last Quarter, 52%
Nautical Twilight	0444, 1929	0445, 1928	0445, 1927
Civil Twilight	0512, 1901	0513, 1901	0514, 1901
Humidity	D : 82% N : 91%	D : 82% N : 91%	D : 84% N : 91%
Barometer (mb)	1000	1001	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	50%	80%
Wind (mph)	15 km/h SSE	16 km/h SE	16 km/h SE

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



SATELLITE VIEW OF BAY OF BENGAL

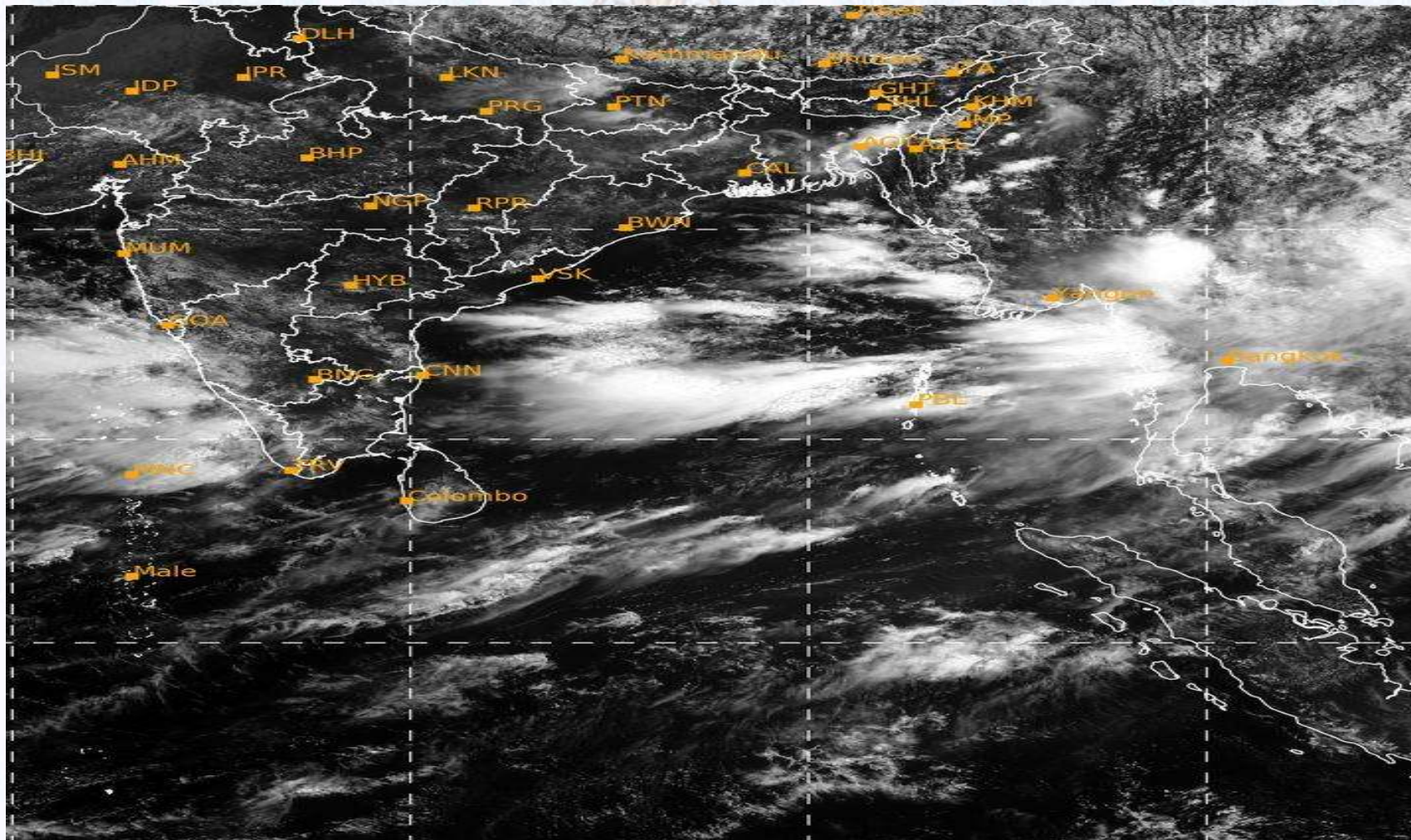


08/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



08/08/2020, 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 08.08.2020)

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	RAIN/THUNDER SHOWERS OVER AREA C-90..
	Wind	SOUTH/SOUTH-WESTERLY 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 = 0000 UTC. CHATTOGRAM =1001 HPA



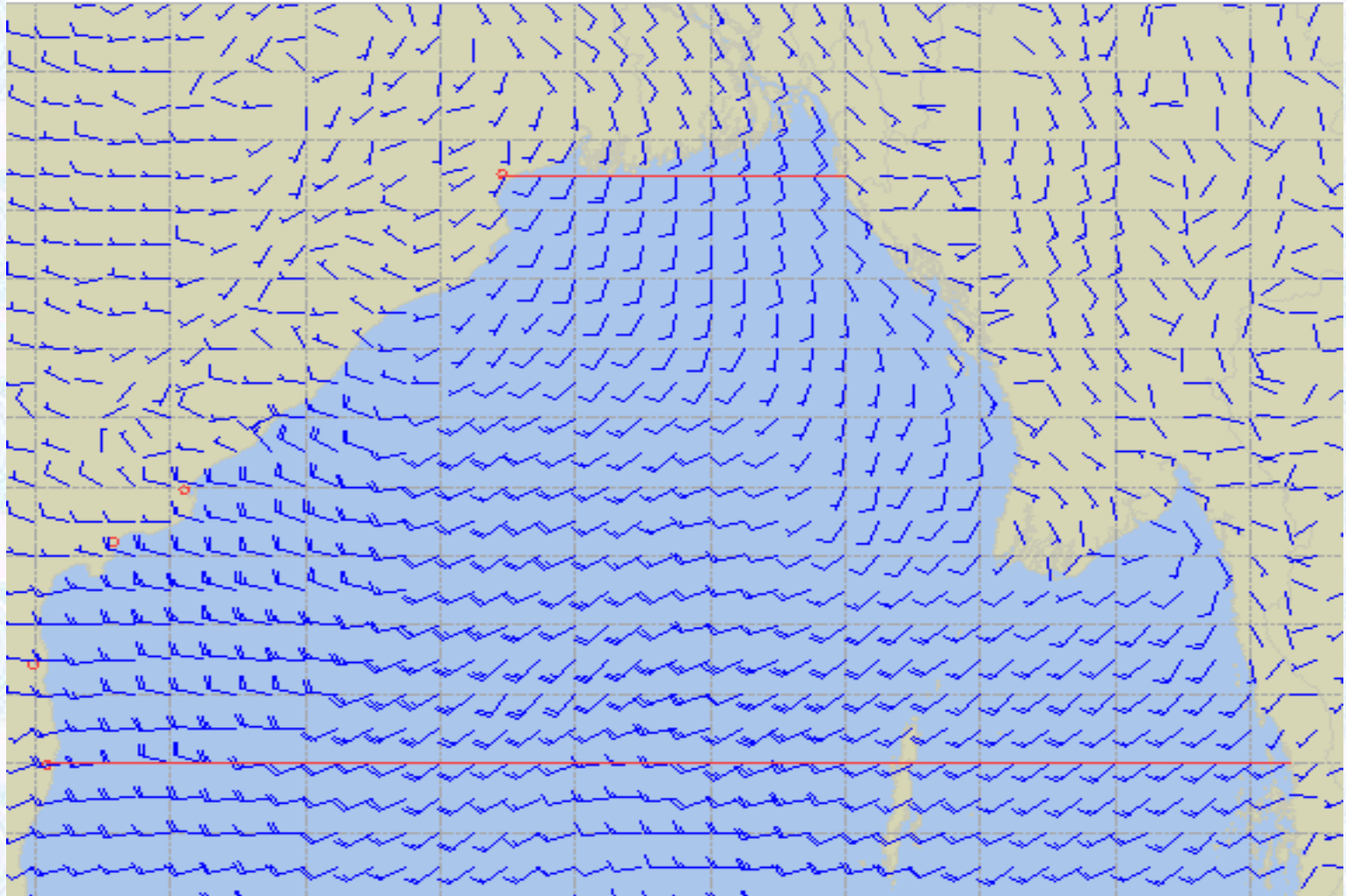
Inland River Port Warning (VALID TILL 06 PM OF 08.08.2020)

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, MYMENSINGH, BOGURA, SYLHET, KHULNA, PATUAKHALI, NOAKHALI, CHATTOGRAM, COX'S BAZAR AND TANGAIL WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE(R) ONE**.

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



Surface Wind Forecast- 09 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



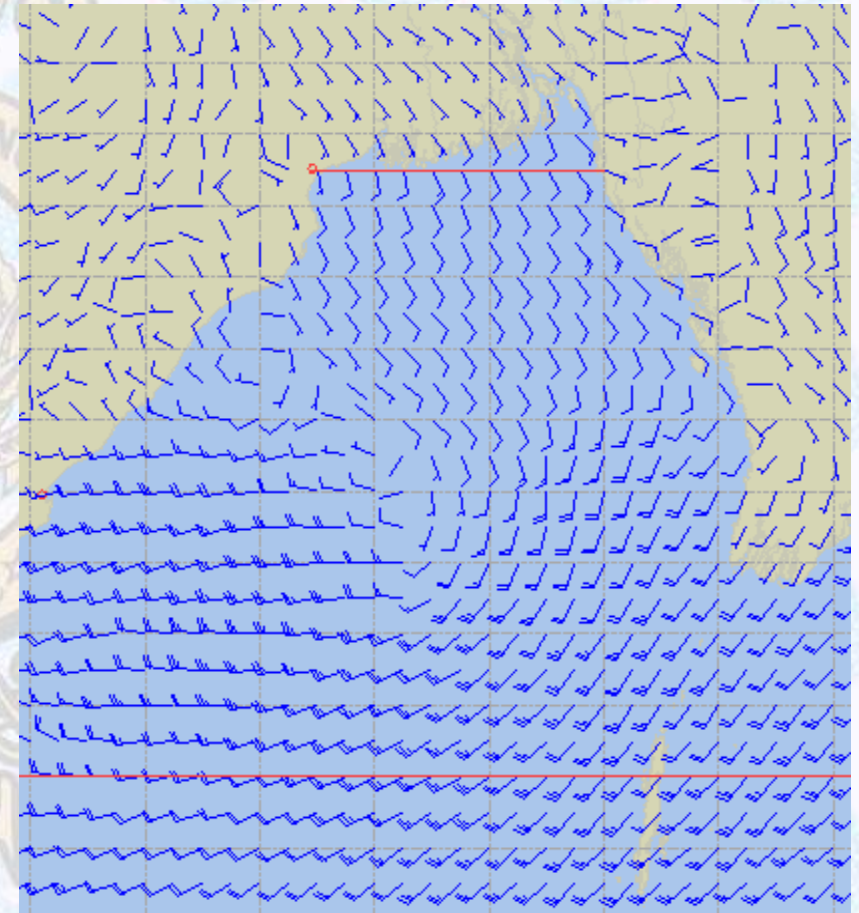
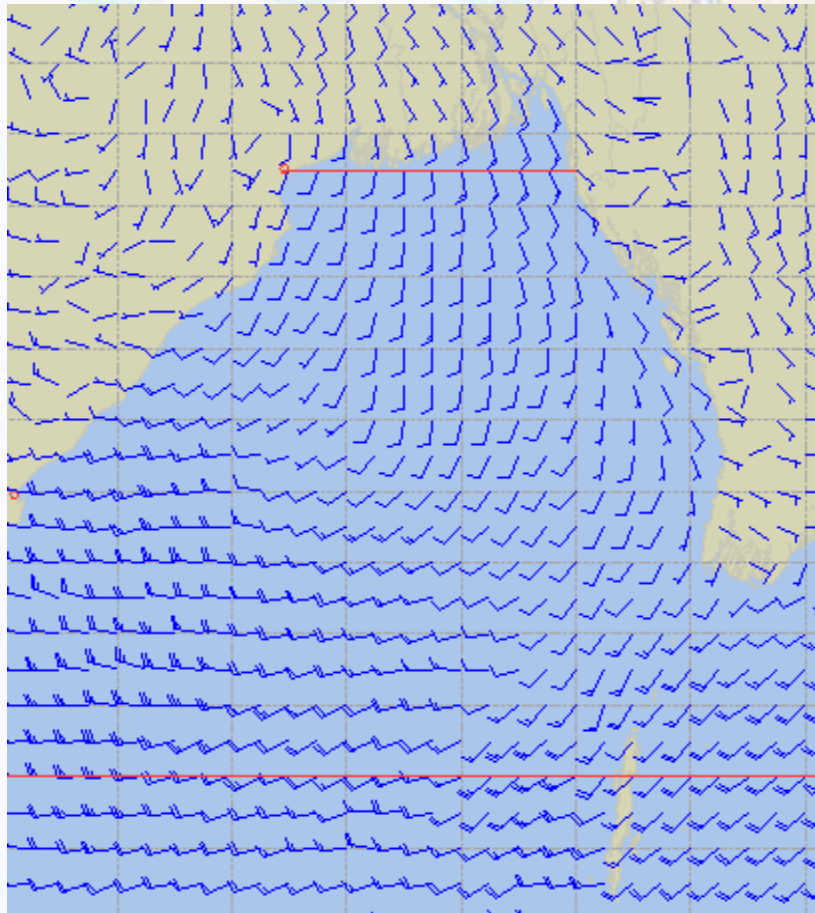
60 Knots



Surface Wind Forecast – 10 & 11 Aug - 2020

10 August 20 Monday

11 August 20 Tuesday



Legend:



**Calm
Winds**



5 Knots



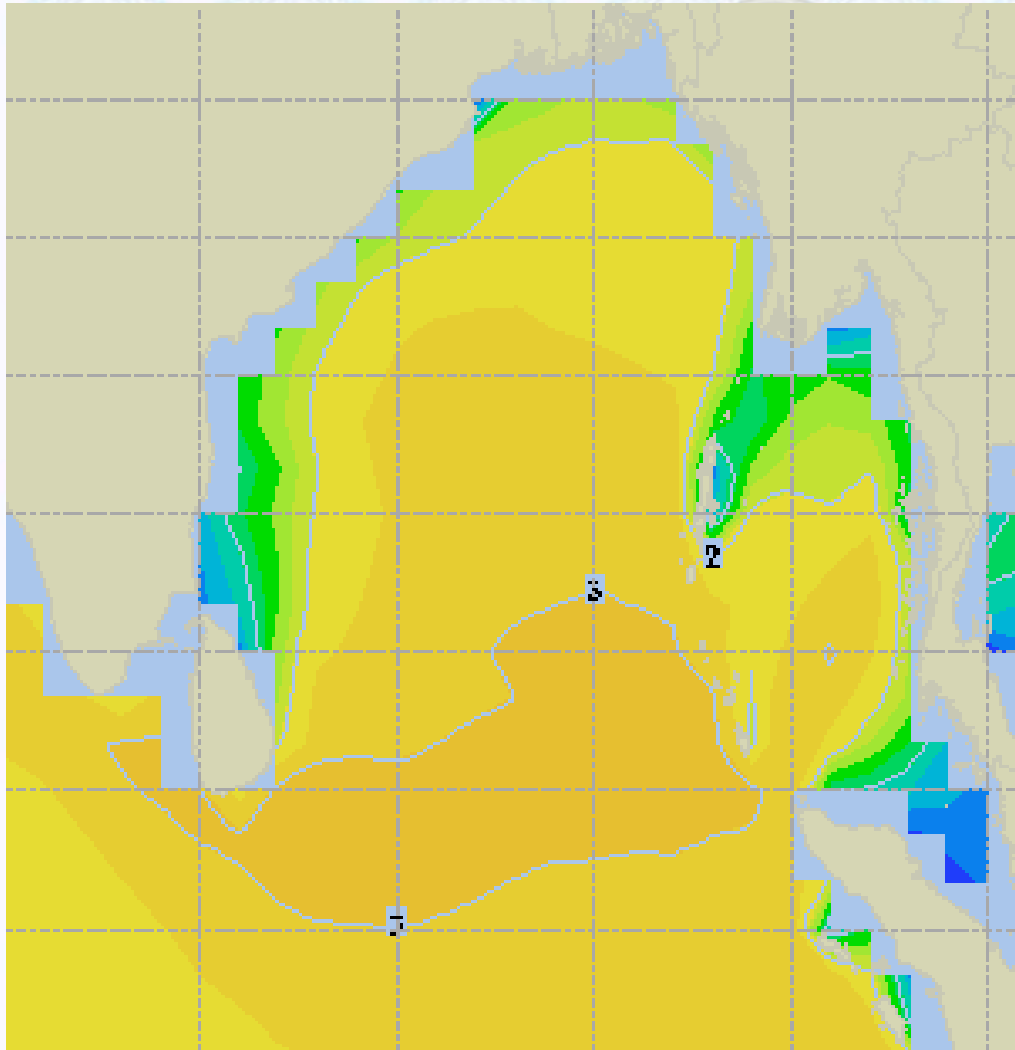
10 Knots



60 Knots



Sea State Forecast – 09 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

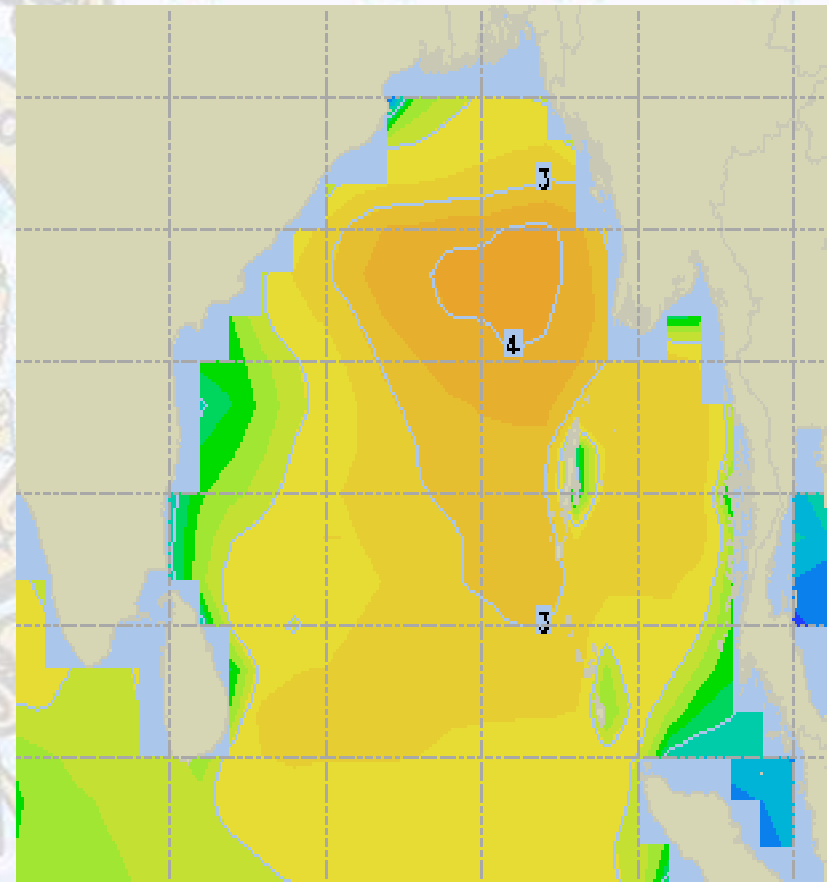
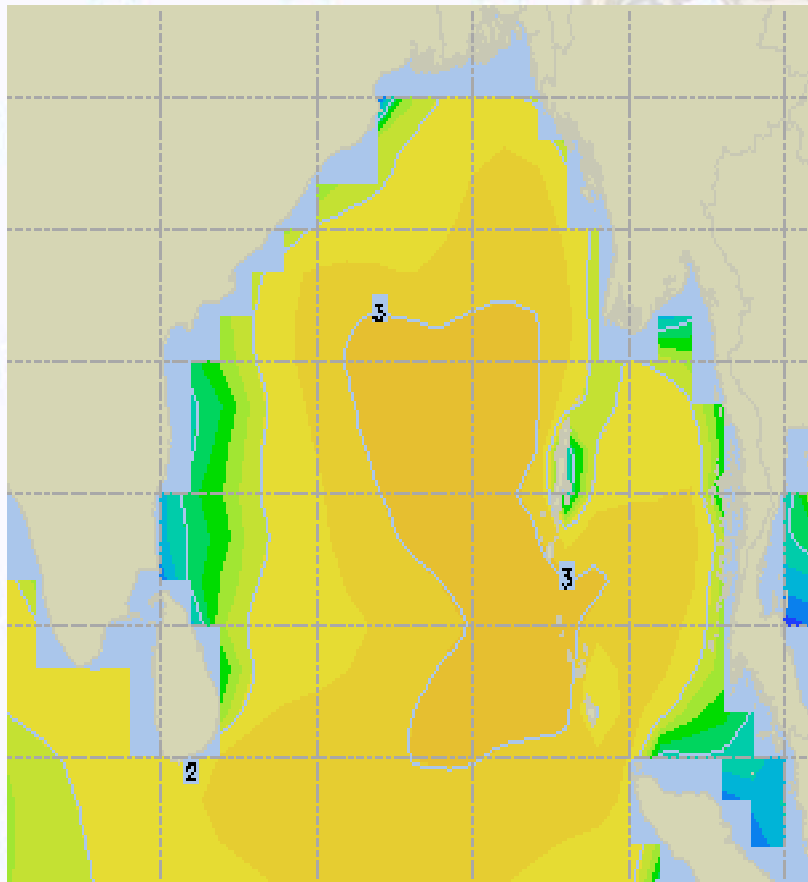




Sea State Forecast – 10 & 11 Aug - 2020

10 August 20 Monday

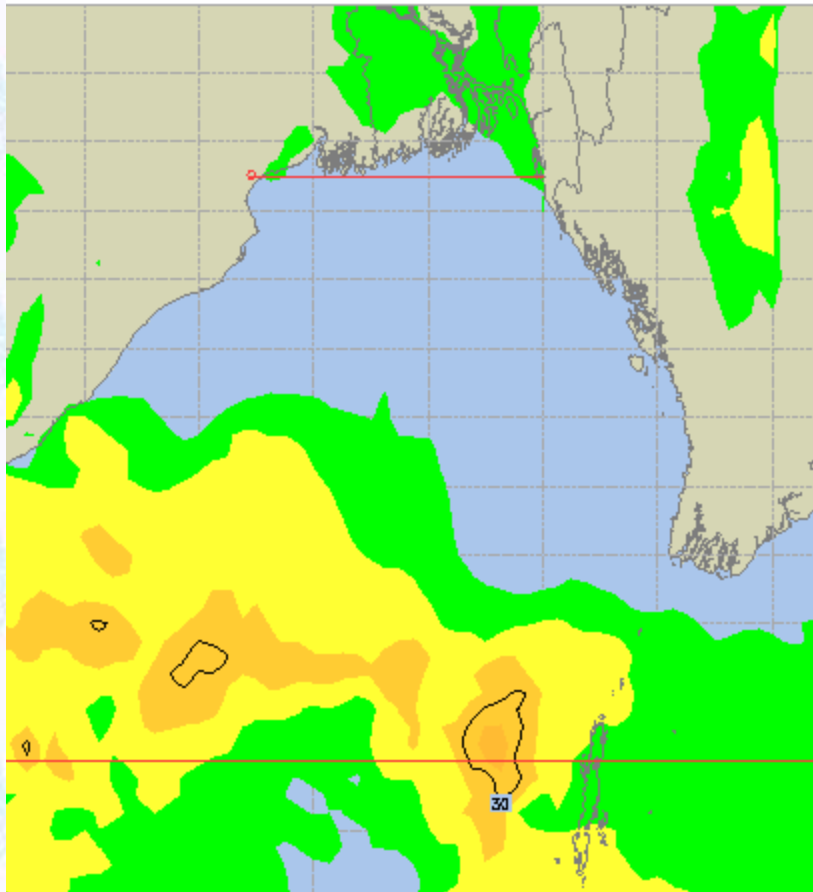
11 August 20 Tuesday



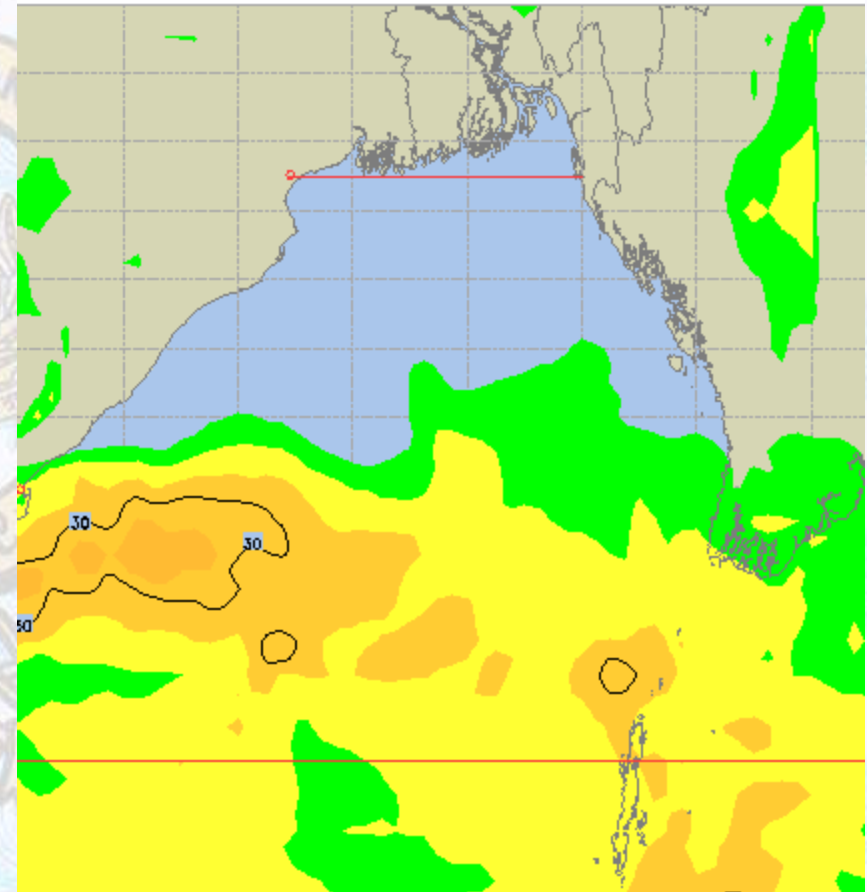


Peak Gusting Possibilities– 09 & 10 Aug 2020

09 August 20 Sunday



10 August 20 Monday

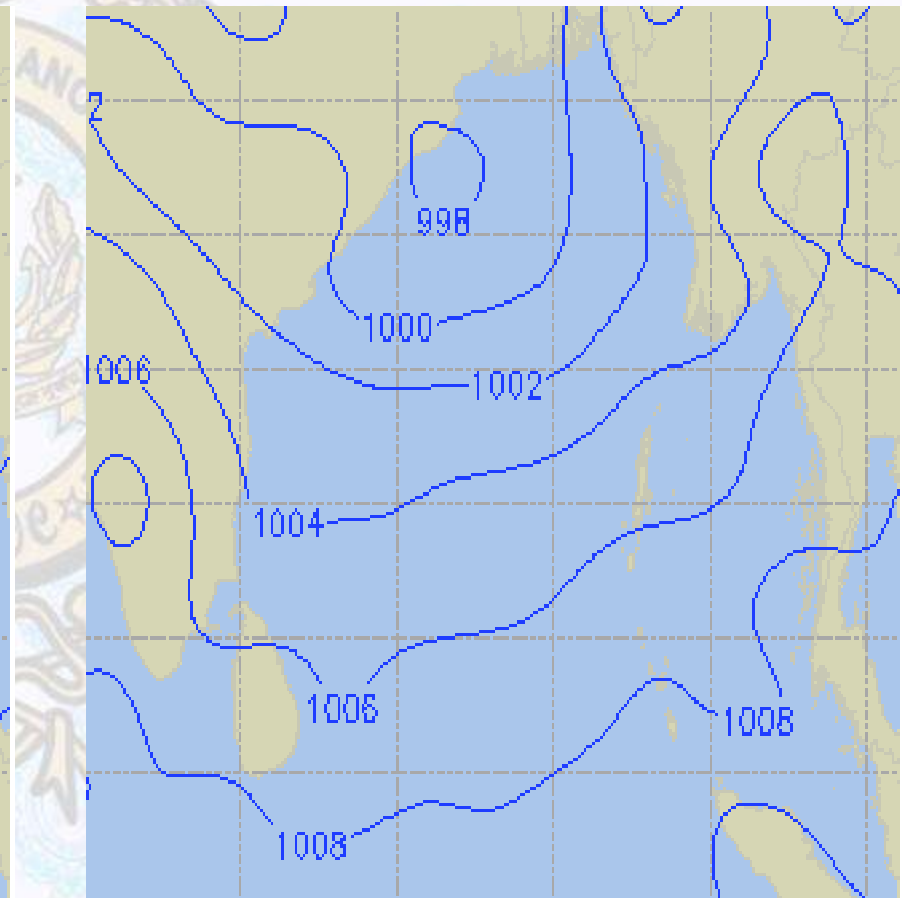
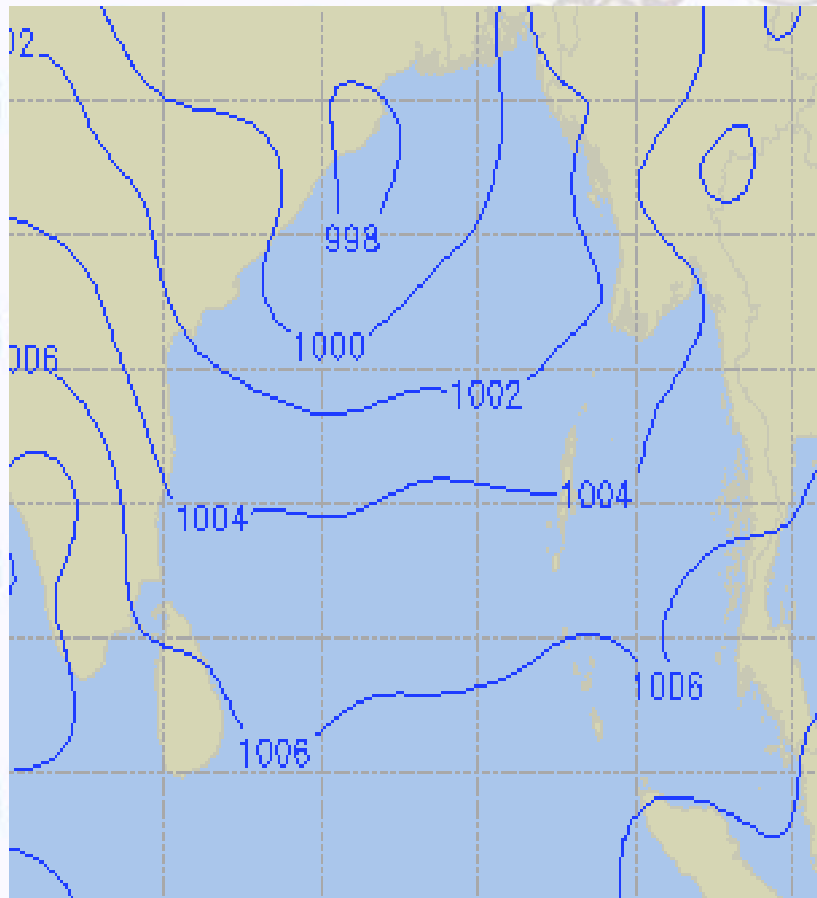




Surface Pressure forecast– 09 & 10 Aug 2020

09 August 20 Sunday

10 August 20 Monday

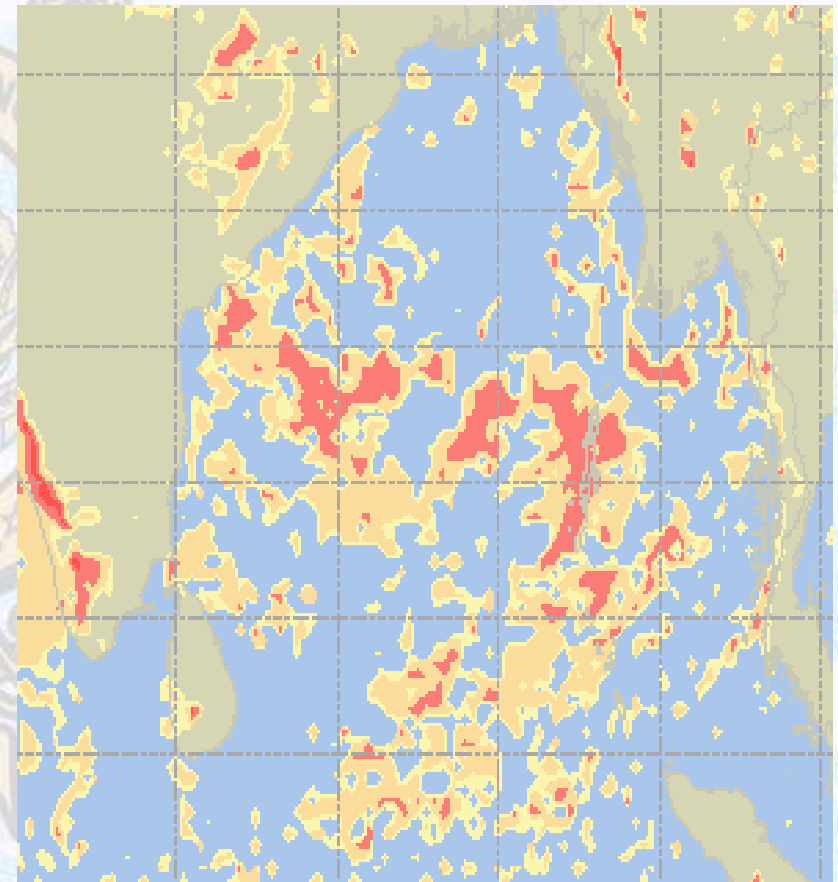
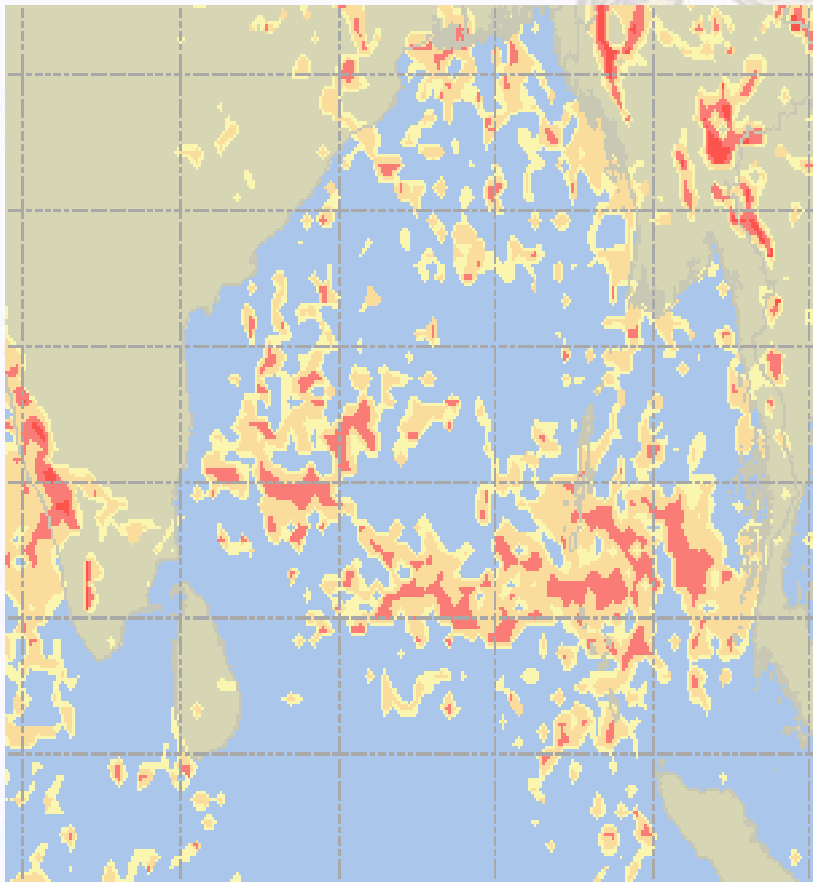




Visibility at Sea Forecast – 09 & 10 Aug 2020

09 August 20 Sunday

10 August 20 Monday



Visibility Scale:

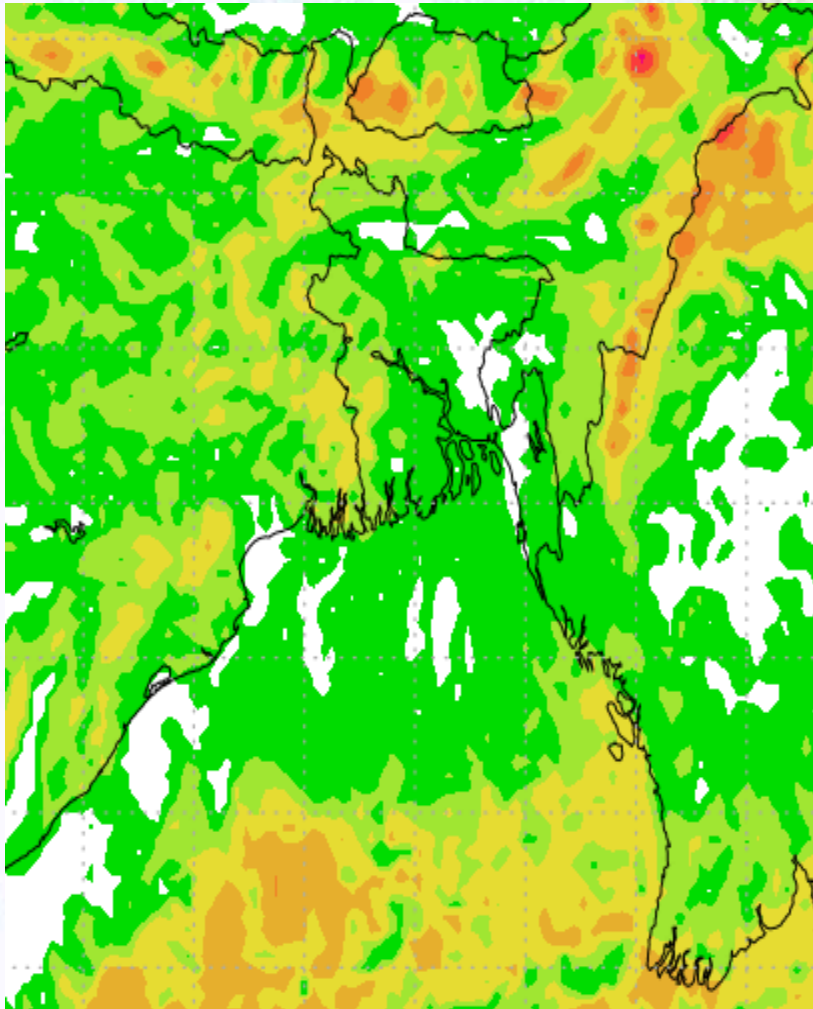


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

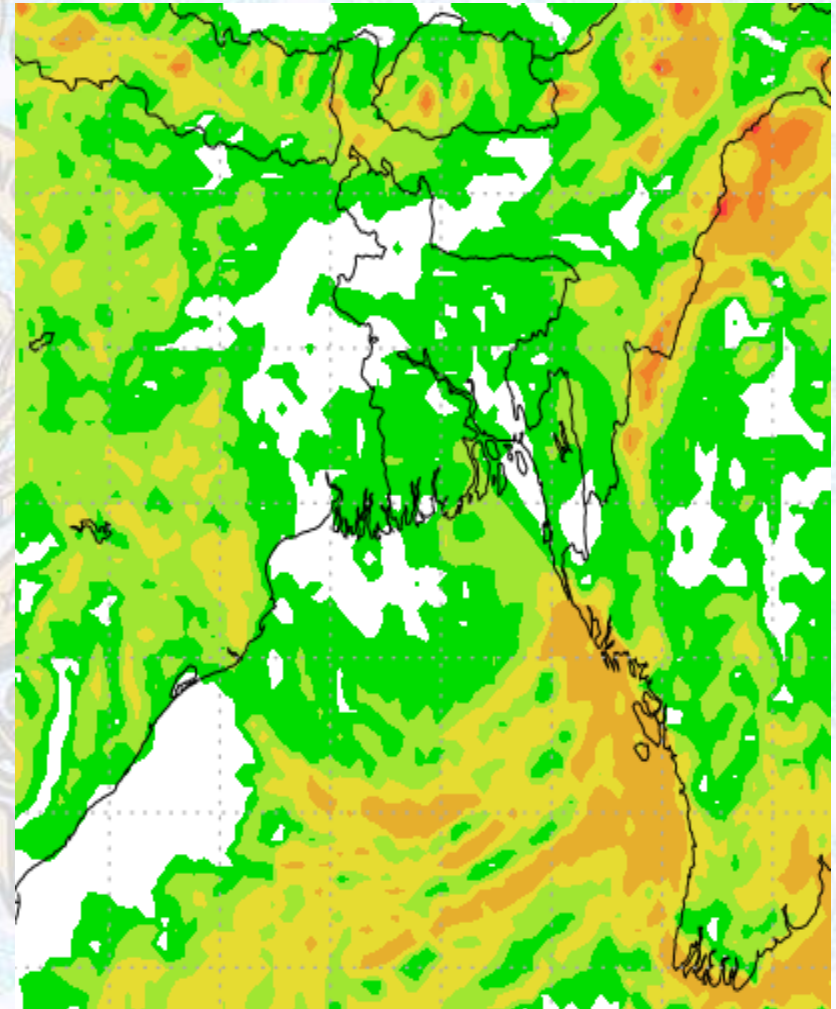


Precipitation

Rain(mm) 09 & 10 Aug 2020



Rain(mm) 10 & 11 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
09 Aug 2020	0404	5.11		0144	3.24		0123	3.12
	1021	0.99		0813	1.23		0732	1.27
	1616	5.12		1405	3.33		1330	3.15
	2242	0.91		2030	1.33		1951	1.17
10 Aug 2020	0444	4.93		0222	3.10		0159	3.06
	1059	1.18		0849	1.33		0806	1.40
	1659	4.81		1444	3.12		1405	3.01
	2319	1.09		2105	1.42		2024	1.27
11 Aug 2020	0529	4.72		0305	2.97		0240	2.96
	1145	1.40		0932	1.44		0848	1.54
	1749	4.46		1529	2.92		1446	2.85
	-	-		2149	1.52		2104	1.39