



WEATHER FORECAST FOR BN

11 AUG- 14 AUG 2020



WEATHER FORECAST – DHAKA

11.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	32 / 27	29 / 26	29 / 26
Wind	13 km/h S	13 km/h S	12 km/h SSE	12 km/h SSE
Humidity	74%	72%	78%	82%
Chance of Precip	62%	53%	44%	50%
Cloud Cover	83%	87%	86%	91%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 32 AM 6: 34 PM			

Conditions

Pressure : 1001 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

11.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 26	28 / 27
Wind	20 km/h S	18 km/h S	15 km/h SSE	15 km/h SSE
Humidity	87%	92%	89%	93%
Chance of Precip.	16%	18%	70%	68%
Cloud Cover	89%	87%	87%	84%
Conditions	Cloudy/ Light Rain	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 28 AM 6: 26 PM			

Conditions

Pressure : 1002 hpa

Visibility : 6.27 Km

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



WEATHER FORECAST – KHULNA

11.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 28	32 / 28	30 / 28	29 / 28
Wind	12 km/h S	12 km/h S	9 km/h S	8 km/h S
Humidity	82%	82%	90%	92%
Chance of Precip.	22%	21%	18%	19%
Cloud Cover	82%	83%	77%	82%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 36 AM 6: 36 PM			

Conditions

Pressure : 1001 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	12 August 2020	13 August 2020	14 August 2020
Temperature (C)	32 °C/ 27 °C	33 °C/ 27 °C	32 °C/ 27 °C
Summary	Cloudy/ Light rain	Cloudy	Cloudy/ Light rain
Sun Rise/Set	5h32m36s/18h33m42s	5h32m54s/18h33m06s	5h33m18s/18h32m24s
Day Length	13h01m06s	13h00m12s	12h59m06s
Moon Rise/ Set	- -	12:01AM 1:37PM	12:43AM 2:32PM
Moon Phase/ illu	Last Quarter, 98%	Waning Crescent, 32%	Waning Crescent, 22%
NauticalTwilight	0440,1925	0440,1925	0440,1926
Civil Twilight	0509,1857	0509,1857	0509,1857
Humidity	D : 77% N : 83%	D : 75% N : 82%	D : 74% N : 82%
Barometer (mb)	1001	1000	1000
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	50%	80%
Wind (mph)	18 Km/h SSE	17 Km/h SE	20 Km/h SE

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	12 August 2020	13 August 2020	14 August 2020
Temperature (C)	31 °C/ 26 °C	32 °C/ 26 °C	31 °C/ 26 °C
Summary	Cloudy	Cloudy/ Light rain	Cloudy/ Light rain
Sun Rise/Set	5h28m48s/18h25m54s	5h29m06s/18h25m18s	5h29m24s/18h24m42s
Day Length	12h57m06s	12h57m06s	12h55m18s
Moon Rise/ Set	11:58PM 12:35AM	- -	12:40AM 2:24PM
Moon Phase/ illu	Last Quarter, 42%	Waning Crescent, 95%	Waning Crescent, 22%
Nautical Twilight	0437, 1917	0437, 1917	0437, 1918
Civil Twilight	0505, 1849	0505, 1849	0505, 1849
Humidity	D : 85% N : 92%	D : 82% N : 92%	D : 82% N : 92%
Barometer (mb)	1003	1001	1000
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	50%	80%
Wind (mph)	19 Km/h S	16 Km/h SSE	21 Km/h SSE

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



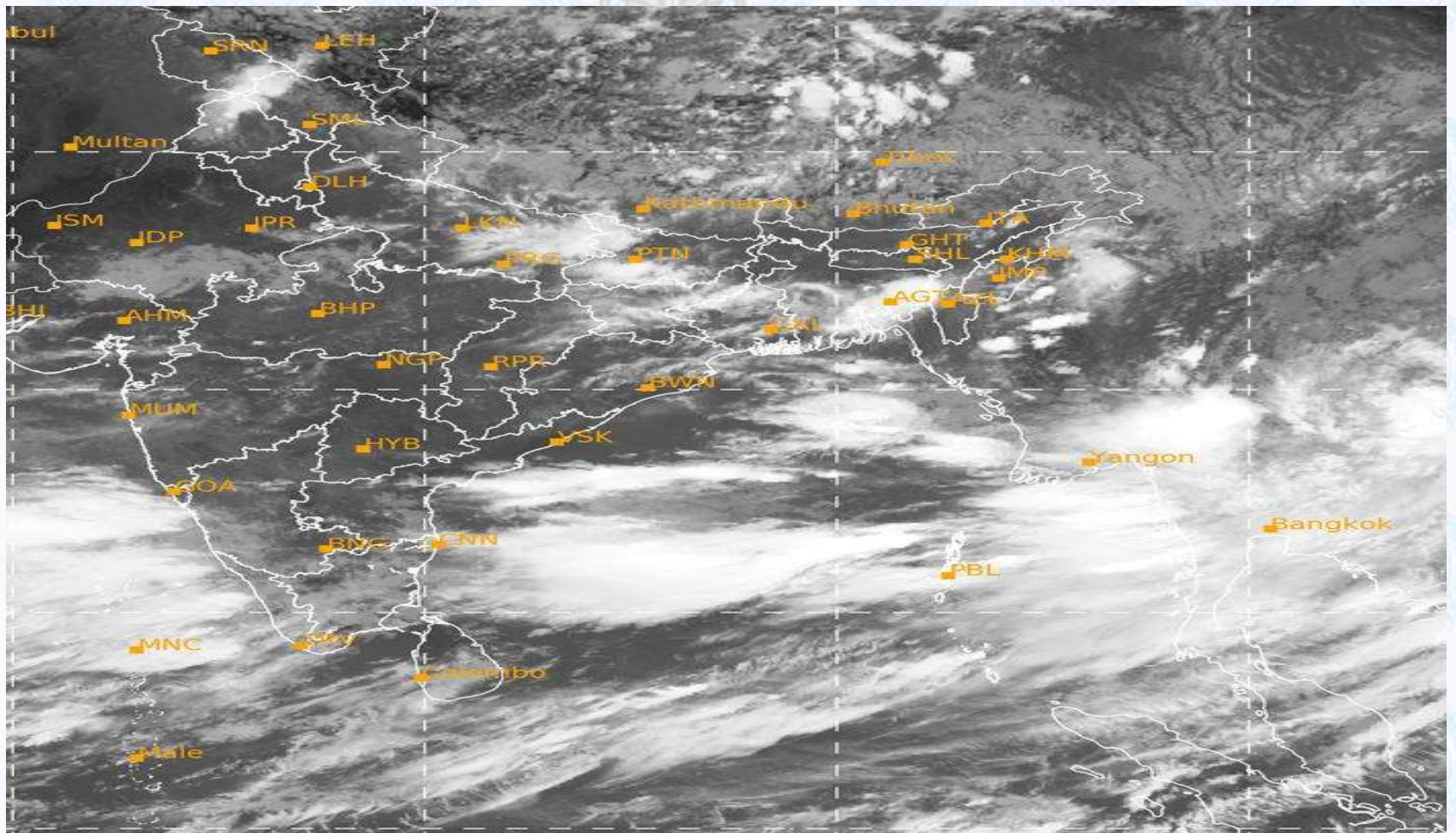
GENERAL WEATHER FORECAST – KHULNA

Description	12 August 2020	13 August 2020	14 August 2020
Temperature(C)	32°C/ 27°C	32°C/ 27°C	31°C/ 27°C
Summary	Cloudy/ Light rain	Cloudy/ Light rain	Cloudy/ Light rain
Sun Rise/Set	5h37m18s/18h35m48s	5h37m36s/18h35m06s	5h37m54s/18h34m30s
Day Length	12h58m30s	12h58m30s	12h56m36s
Moon Rise/Set	- -	12:07AM 1:39PM	12:07AM 1:39PM
Moon Phase/illu	Last Quarter, 99%	Waning Crescent, 32%	Waning Crescent, 32%
Nautical Twilight	0446, 1927	0446, 1927	0446, 1928
Civil Twilight	0513, 1859	0513, 1859	0513, 1859
Humidity	D : 85% N : 86%	D : 83% N : 86%	D : 86% N : 86%
Barometer (mb)	1001	1000	1000
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	60%	90%
Wind (mph)	13 km/h SSE	16 km/h SE	17 km/h SE

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



SATELLITE VIEW OF BAY OF BENGAL

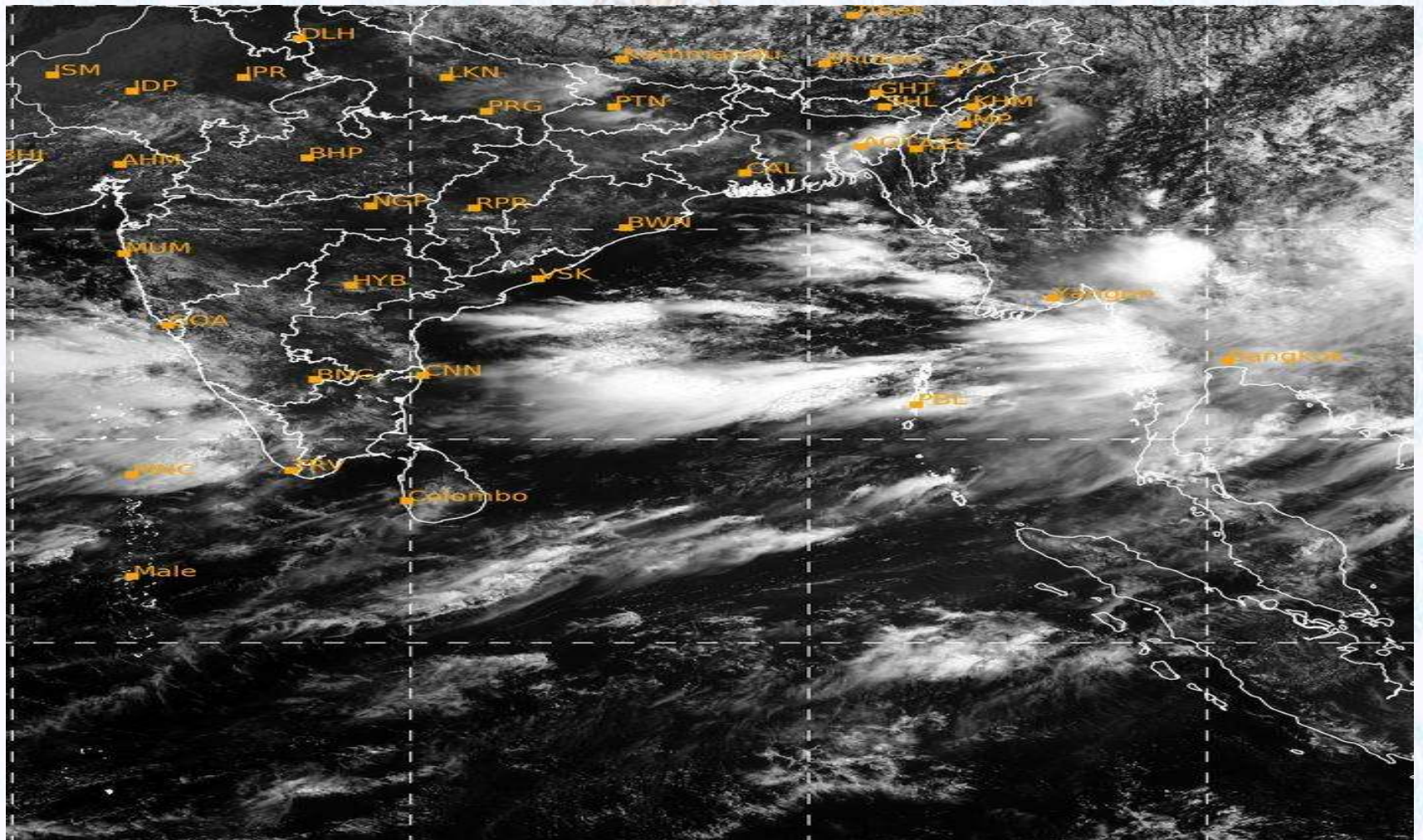


11/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



11/08/2020, 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 11.08.2020)

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-WESTERLY, 10-15 KTS.TEMPORARY GUSTING TO 25 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 =1002 HPA



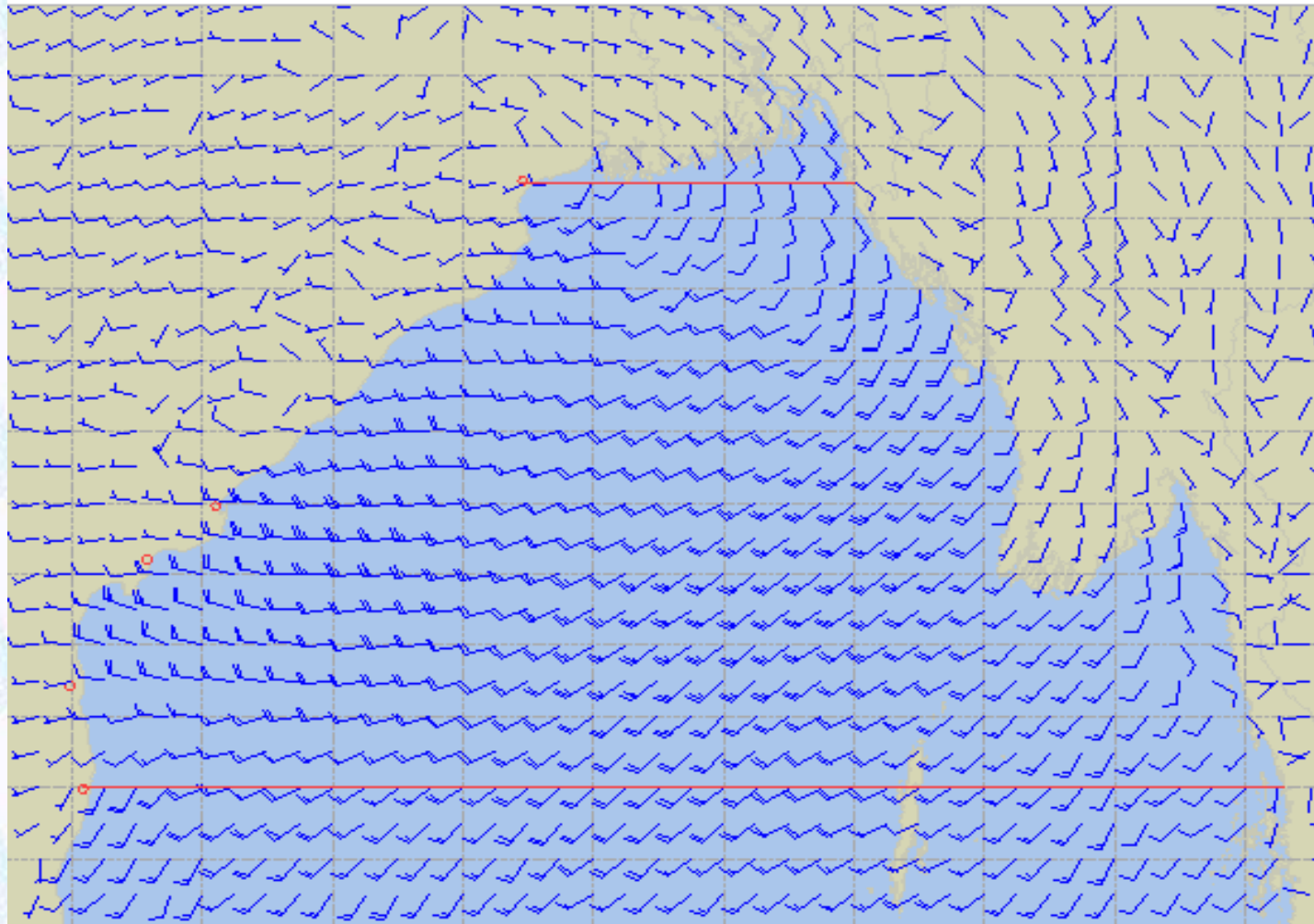
Inland River Port Warning (VALID TILL 06 PM OF 11.08.2020)

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **S/SE'LY**, GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 12 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



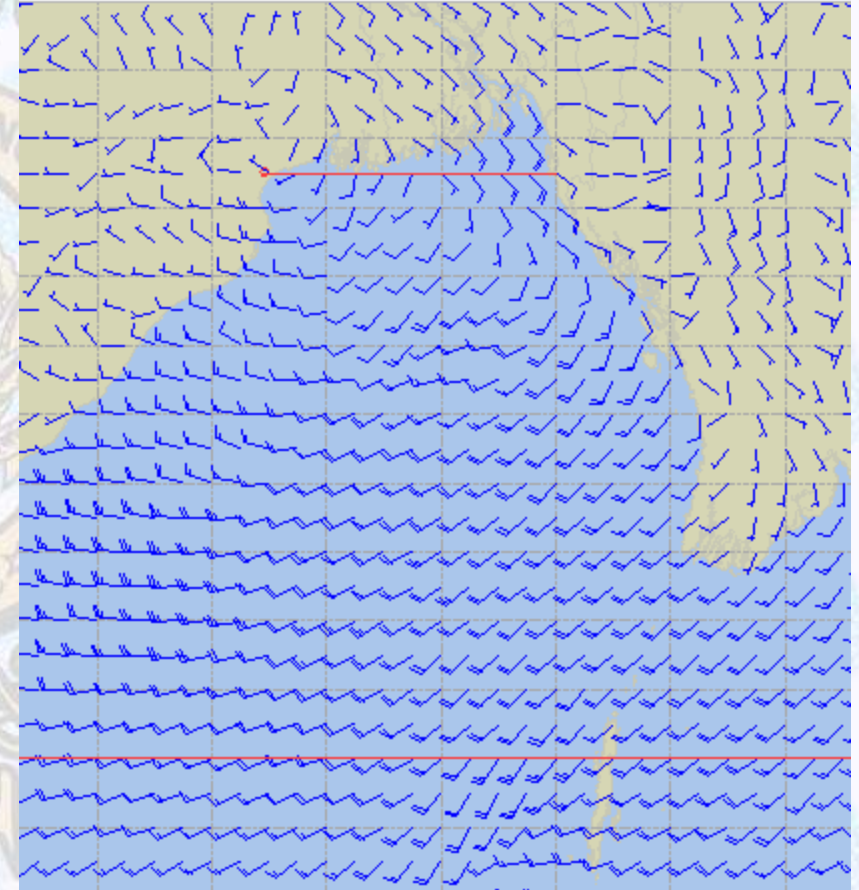
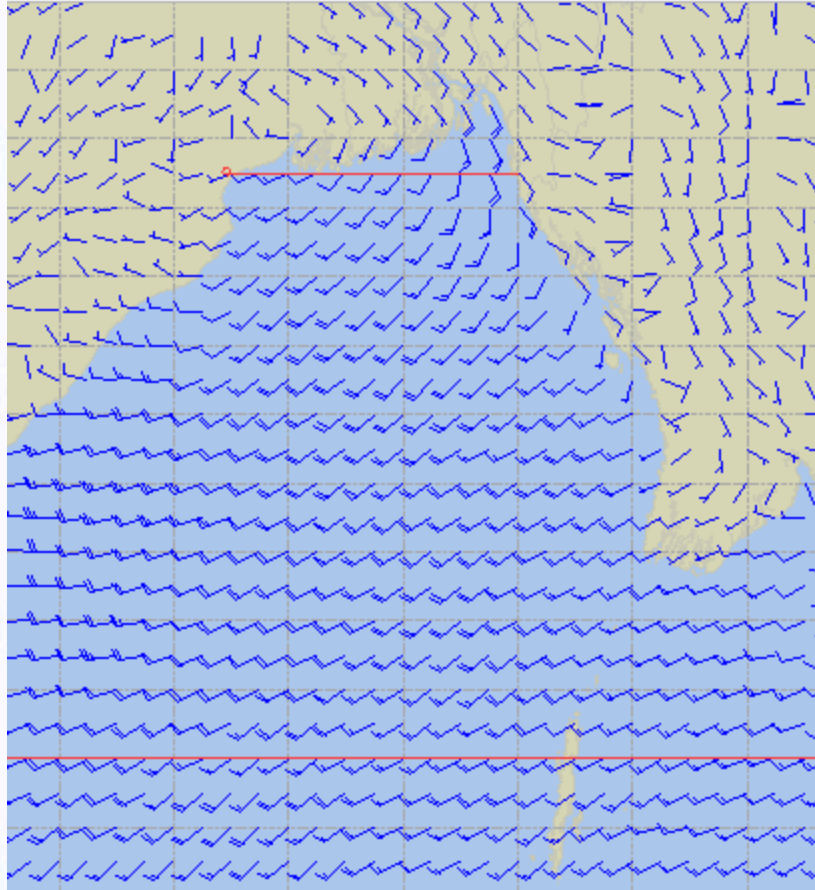
60 Knots



Surface Wind Forecast – 13 & 14 Aug - 2020

13 August 20 Thursday

14 August 20 Friday



Legend:



**Calm
Winds**



5 Knots



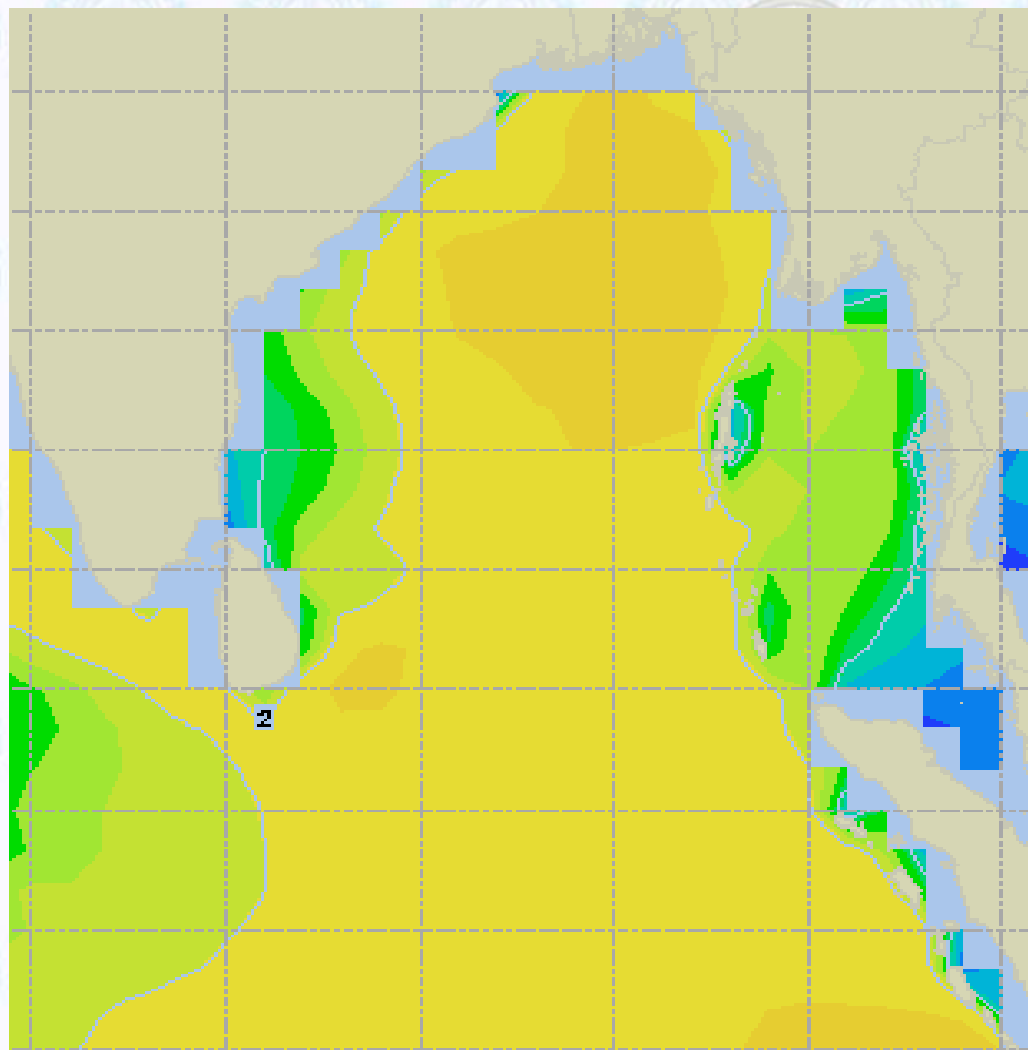
10 Knots



60 Knots



Sea State Forecast – 12 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

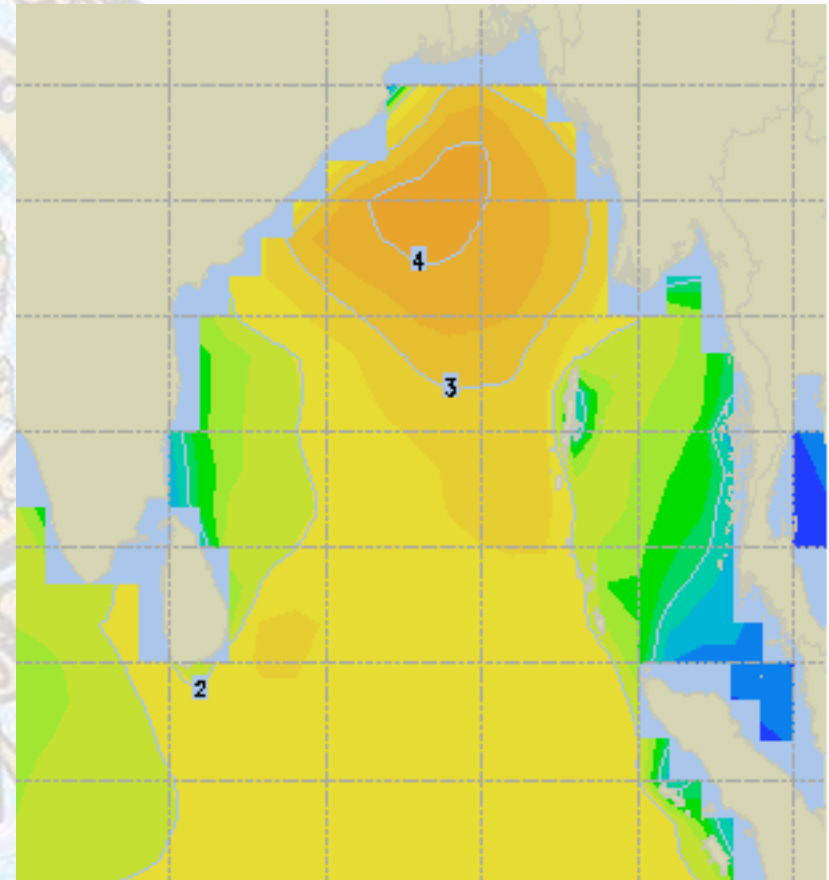
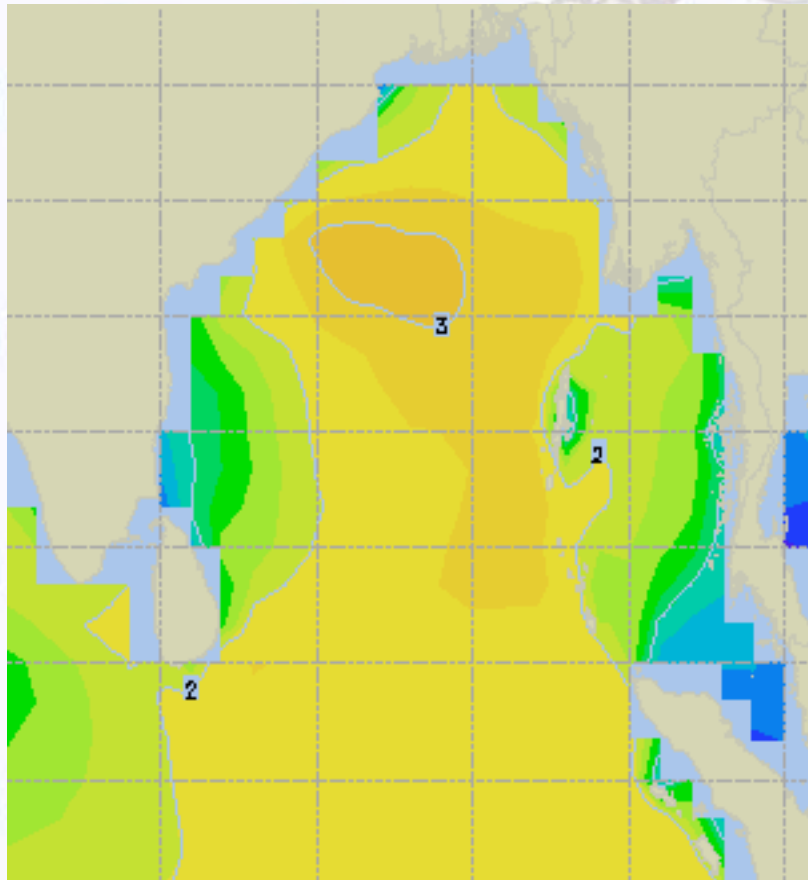




Sea State Forecast – 13 & 14 Aug - 2020

13 August 20 Thursday

14 August 20 Friday

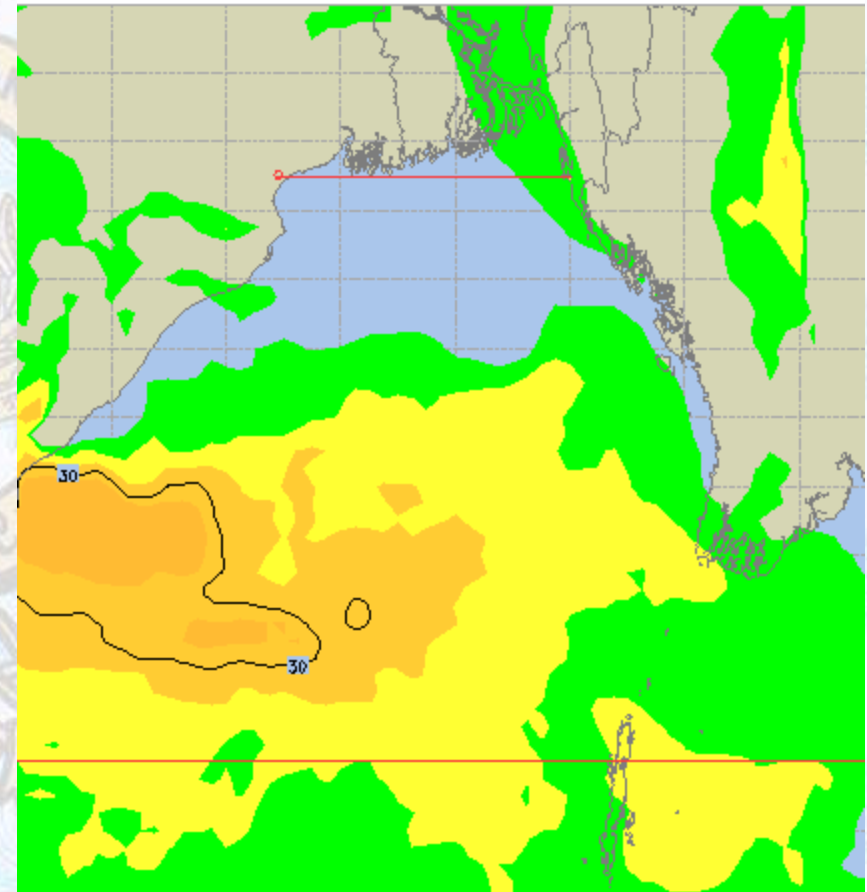
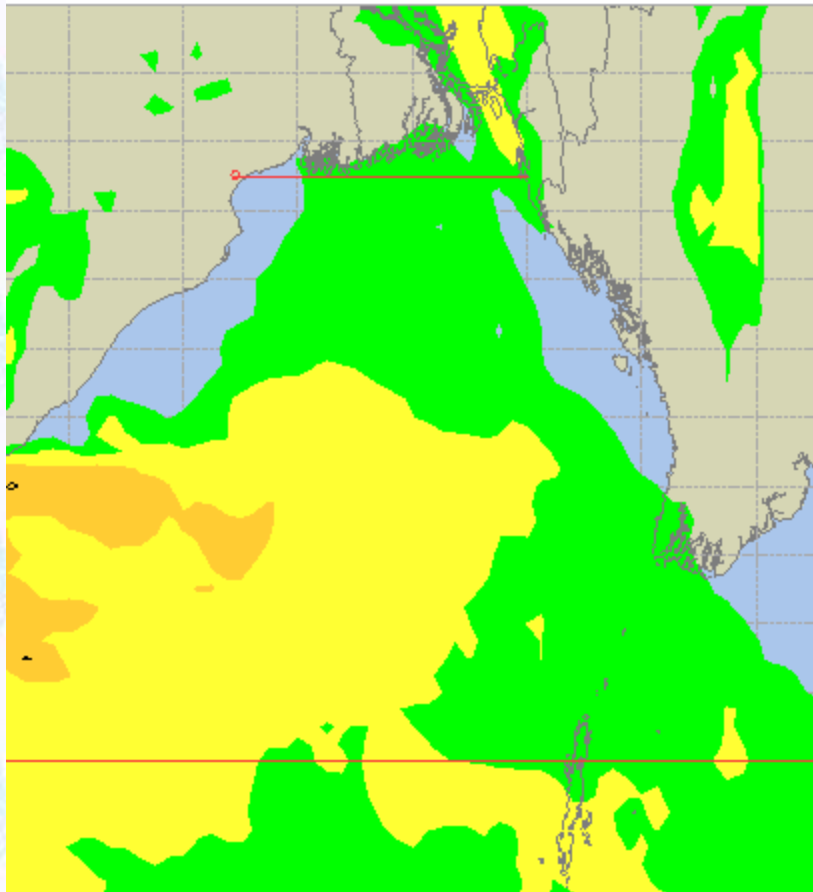




Peak Gusting Possibilities– 12 & 13 Aug 2020

12 August 20 Wednesday

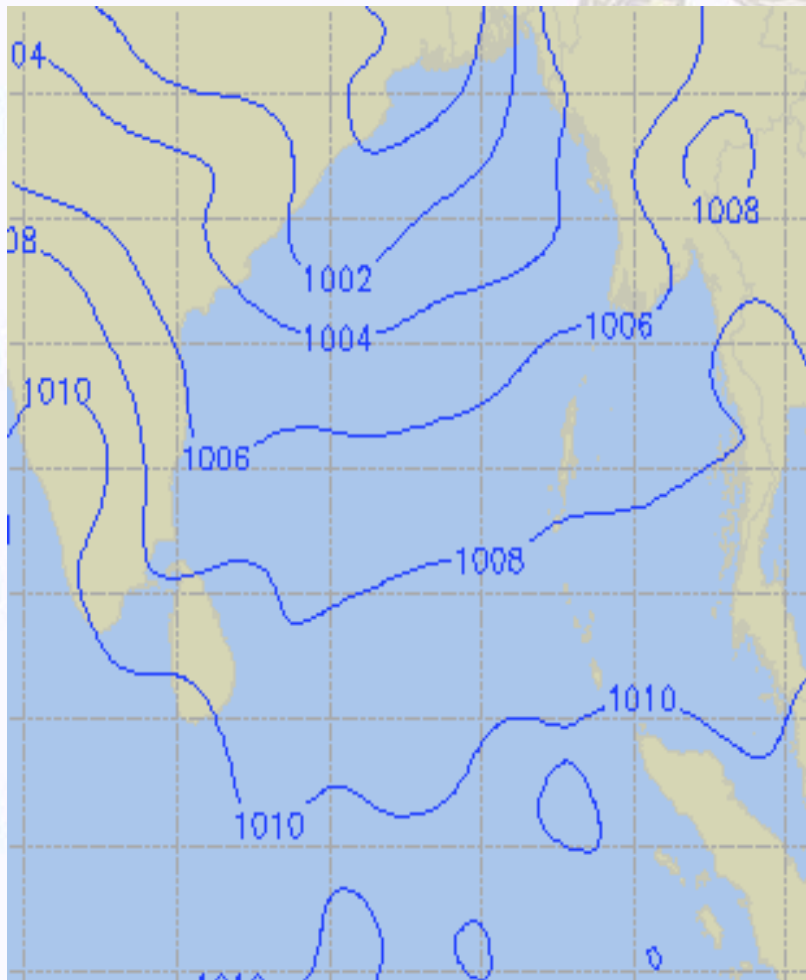
13 August 20 Thursday



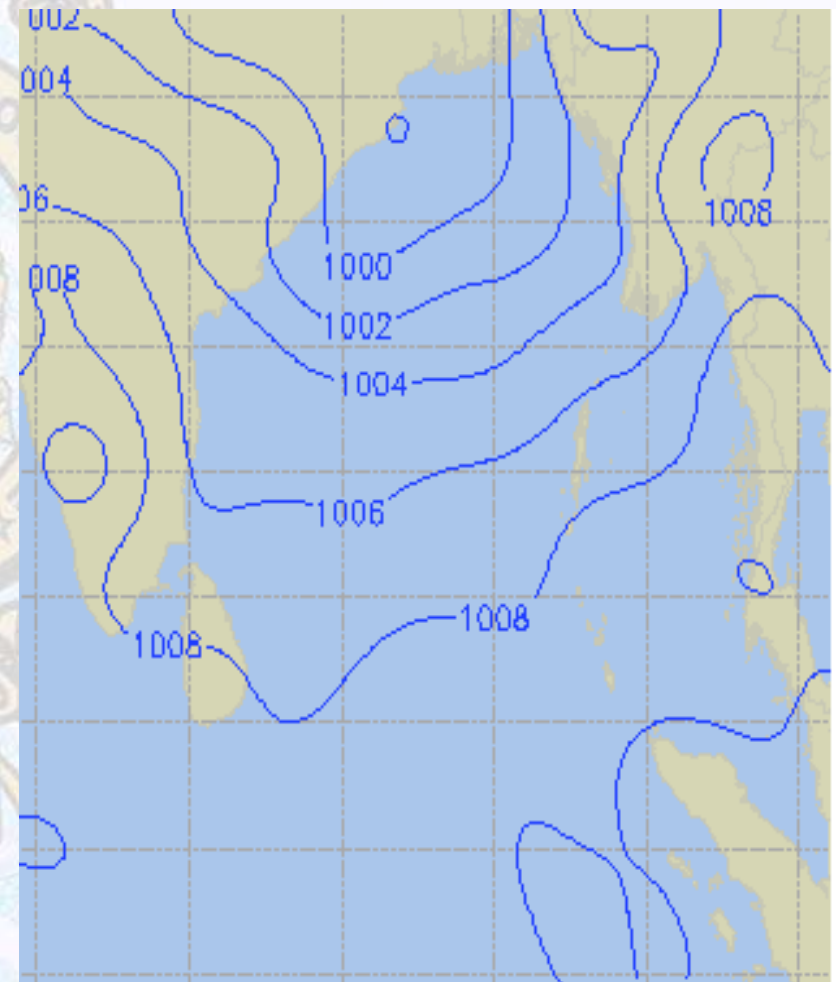


Surface Pressure forecast– 12 & 13 Aug 2020

12 August 20 Wednesday



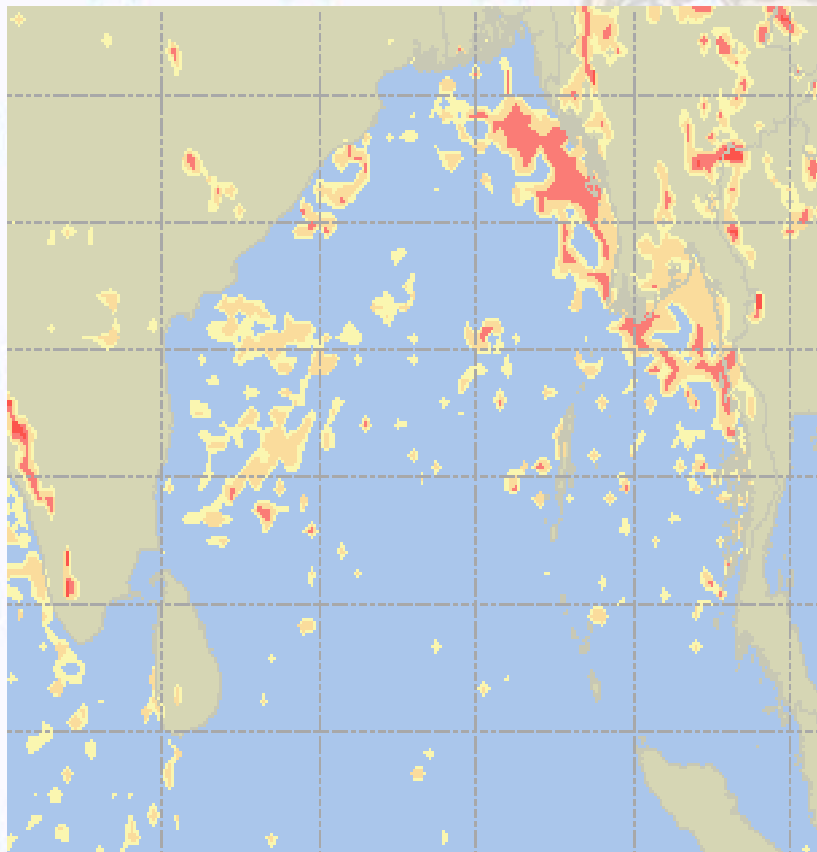
13 August 20 Thursday



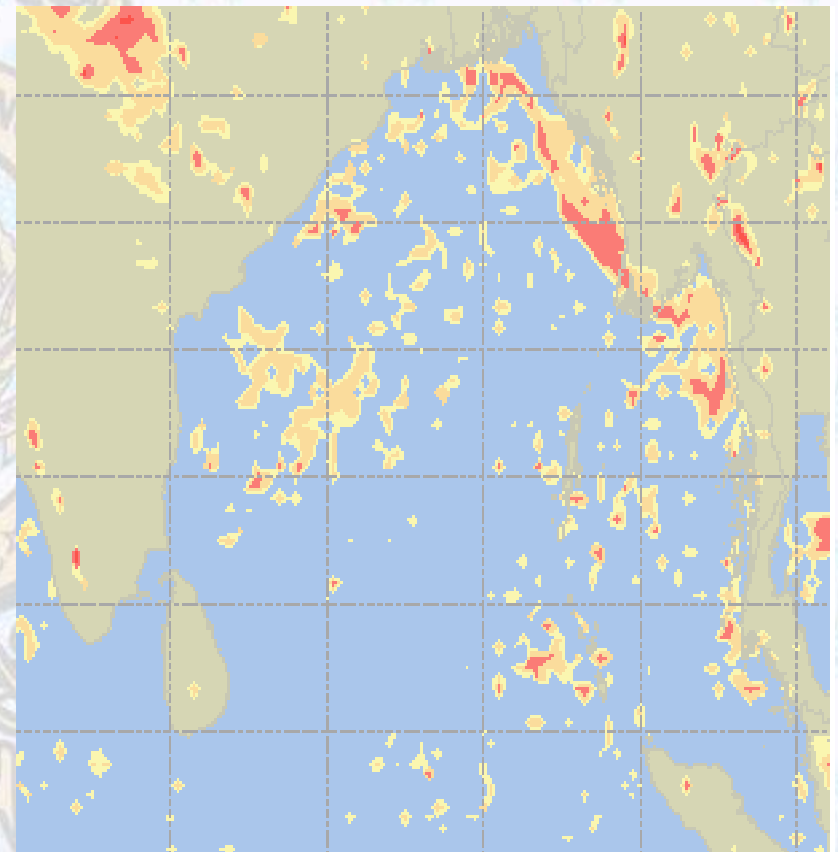


Visibility at Sea Forecast – 12 & 13 Aug 2020

12 August 20 Wednesday



13 August 20 Thursday



Visibility Scale:

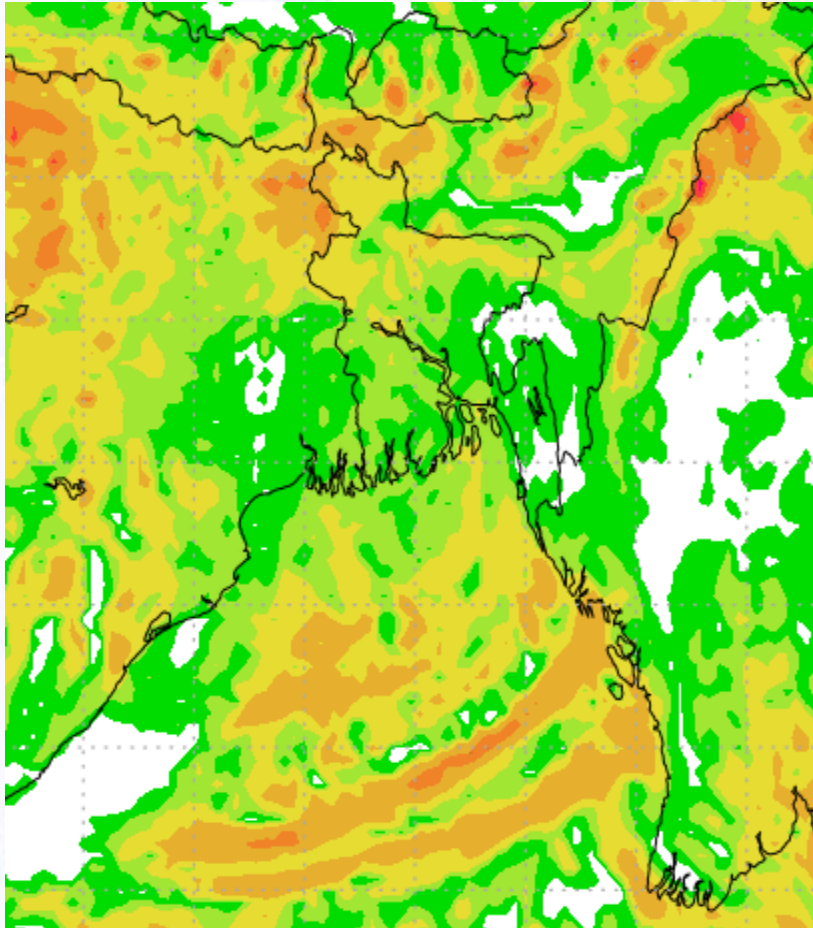


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

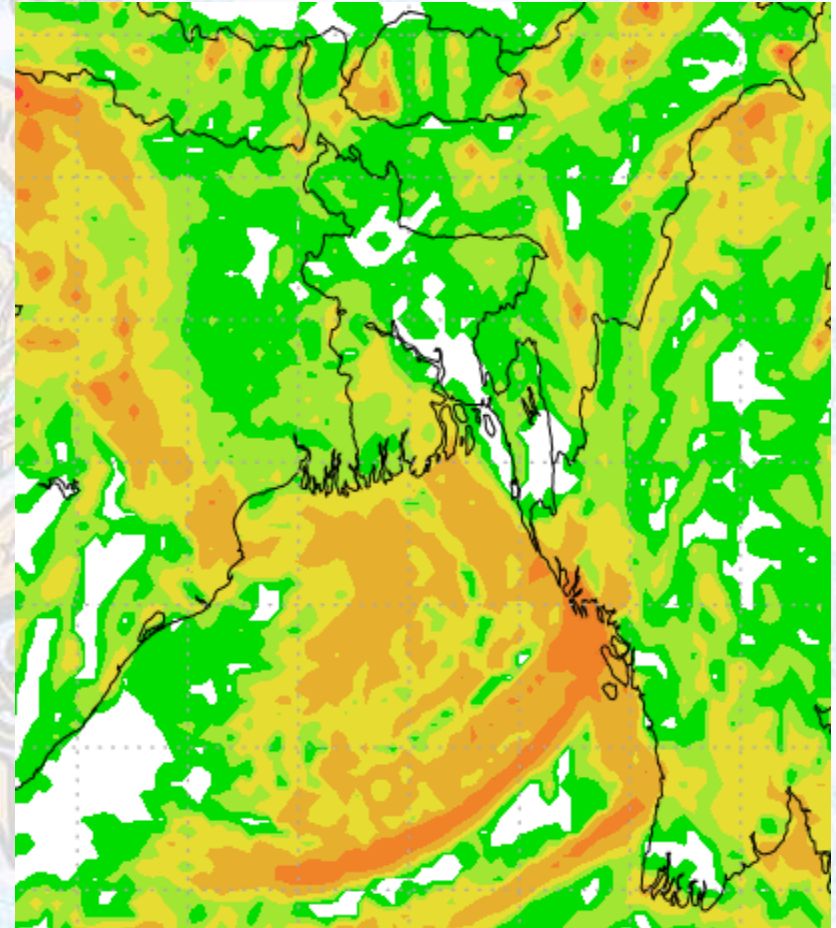


Precipitation

Rain(mm) 13 & 14 Aug 2020



Rain(mm) 14 & 15 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0005		1.33			0359	2.85
12 Aug 2020	0624	4.51		1027	1.55		0941	1.69
	1242	1.63		1625	2.75		1538	2.68
	1849	4.16		2249	1.60		2200	1.52
	Time	Height		Time	Height		Time	Height
		0105		1.55			0510	2.80
13 Aug 2020	0730	4.38		1140	1.61		1055	1.80
	1356	1.77		1736	2.66		1648	2.54
	2002	3.98		-	-		2318	1.59
	Time	Height		Time	Height		Time	Height
		0218		1.67			0008	1.62
14 Aug 2020	0844	4.40		0633	2.87		1234	1.80
	1523	1.74		1306	1.59		1820	2.51
	2123	4.00		1858	2.70		-	-