



WEATHER FORECAST FOR BN

12 AUG- 15 AUG 2020



WEATHER FORECAST – DHAKA

12.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	32 / 26	30 / 26	29 / 26
Wind	18 km/h SSE	18 km/h SSE	15 km/h SSE	13 km/h SSE
Humidity	74%	72%	78%	82%
Chance of Precip	62%	53%	44%	50%
Cloud Cover	83%	87%	86%	91%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 32 AM 6: 33 PM			

Conditions

Pressure : 1002 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

12.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	29 / 26	28 / 26
Wind	20 km/h S	19 km/h S	17 km/h SSE	17 km/h SE
Humidity	82%	92%	89%	90%
Chance of Precip.	16%	18%	20%	20%
Cloud Cover	81%	80%	87%	80%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise	5: 28 AM			
Sunset	6: 25 PM			

Conditions

Pressure : 1004 hpa

Visibility : 8.27 Km

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



WEATHER FORECAST – KHULNA

12.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	32 / 28	30 / 28	29 / 27
Wind	14 km/h SSE	13 km/h SSE	10 km/h SSE	9 km/h SE
Humidity	82%	82%	90%	92%
Chance of Precip.	42%	21%	18%	19%
Cloud Cover	82%	73%	77%	72%
Conditions	Cloudy/ Light Rain	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 37 AM 6: 35 PM			

Conditions

Pressure : 1001 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	13 August 2020	14 August 2020	15 August 2020
Temperature (C)	32 °C/ 27 °C	32 °C/ 27 °C	32 °C/ 27 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h32m54s/18h33m06s	5h33m18s/18h32m24s	5h33m36s/18h31m42s
Day Length	13h00m12s	12h59m06s	12h58m06s
Moon Rise/ Set	12:01AM 1:37PM	12:43AM 2:32PM	1:31AM 3:30PM
Moon Phase/ illu	Waning Crescent, 32%	Waning Crescent, 22%	Waning Crescent, 14%
NauticalTwilight	0441,1924	0441,1923	0442,1922
Civil Twilight	0509,1856	0509,1855	0510,1855
Humidity	D : 75% N : 81%	D : 75% N : 82%	D : 76% N : 83%
Barometer (mb)	1002	1000	1000
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	20 Km/h SE	20 Km/h SE	22 Km/h SE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	13 August 2020	14 August 2020	15 August 2020
Temperature (C)	32 °C/ 26 °C	31 °C/ 26 °C	30 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h29m06s/18h25m18s	5h29m24s/18h24m42s	5h29m42s/18h24m06s
Day Length	12h57m06s	12h55m18s	12h54m24s
Moon Rise/ Set	- -	12:40AM 2:24PM	1:28AM 3:20PM
Moon Phase/ illu	Waning Crescent, 88%	Waning Crescent, 22%	Waning Crescent, 14%
NauticalTwilight	0438, 1916	0438, 1915	0438, 1916
Civil Twilight	0505, 1848	0506, 1847	0505, 1848
Humidity	D : 80% N : 89%	D : 82% N : 90%	D : 84% N : 92%
Barometer (mb)	1004	1002	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	90%
Wind (mph)	18 Km/h SSE	21 Km/h SSE	21 Km/h SSE

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



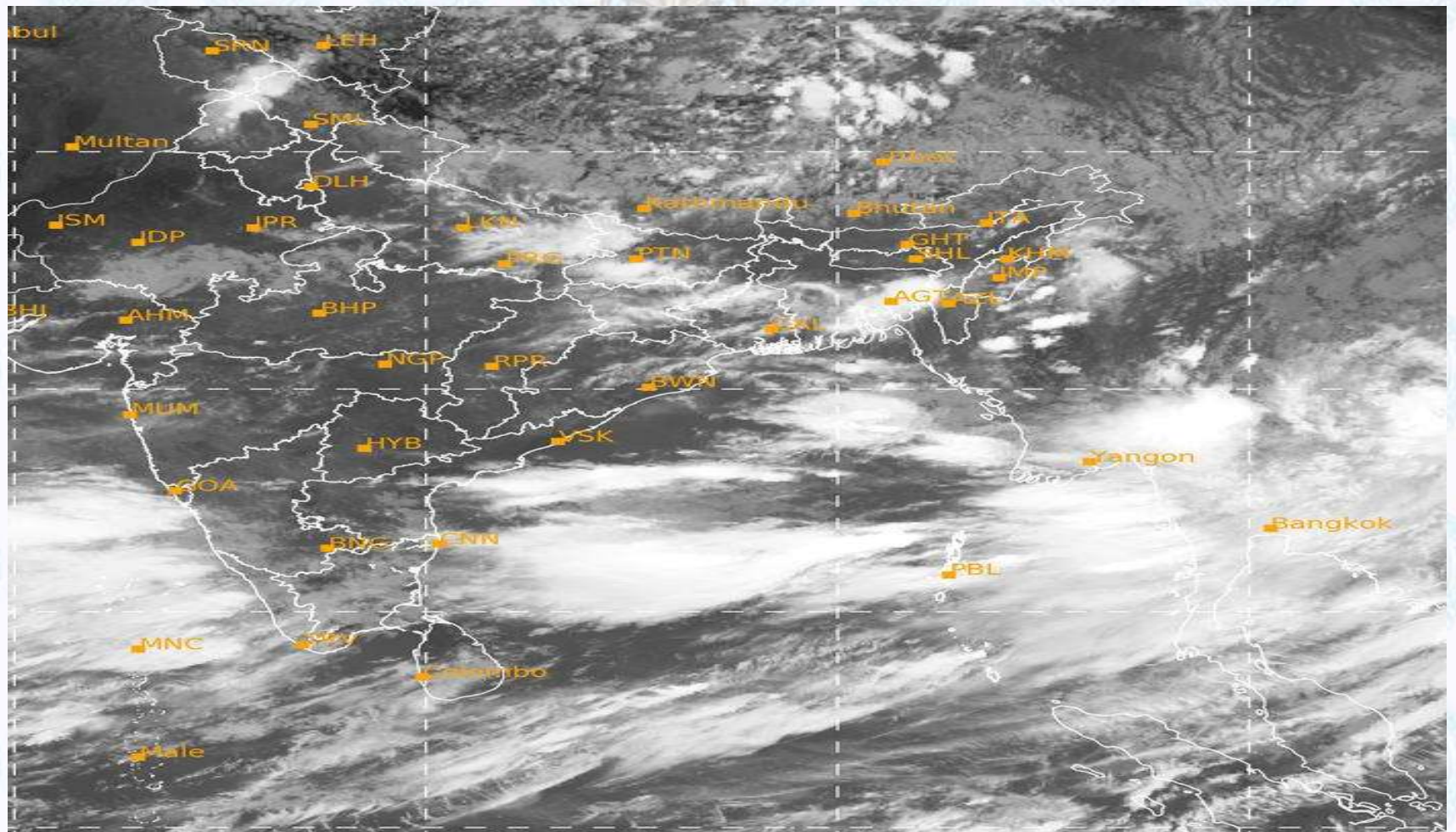
GENERAL WEATHER FORECAST – KHULNA

Description	13 August 2020	14 August 2020	15 August 2020
Temperature(C)	33°C/ 27°C	32°C/ 27°C	32°C/ 27°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h37m36s/18h35m06s	5h37m54s/18h34m30s	5h38m18s/18h33m48s
Day Length	12h58m30s	12h56m36s	12h55m30s
Moon Rise/Set	12:07AM 1:39PM	12:50AM 2:34PM	1:38AM 3:31PM
Moon Phase/illu	Waning Crescent, 32%	Waning Crescent, 22%	Waning Crescent, 14%
Nautical Twilight	0446, 1926	0447, 1925	0447, 1924
Civil Twilight	0514, 1858	0514, 1857	0515, 1857
Humidity	D : 78% N : 85%	D : 79% N : 85%	D : 79% N : 87%
Barometer (mb)	1001	999	998
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	18 km/h SE	18 km/h SE	19 km/h ESE

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



SATELLITE VIEW OF BAY OF BENGAL

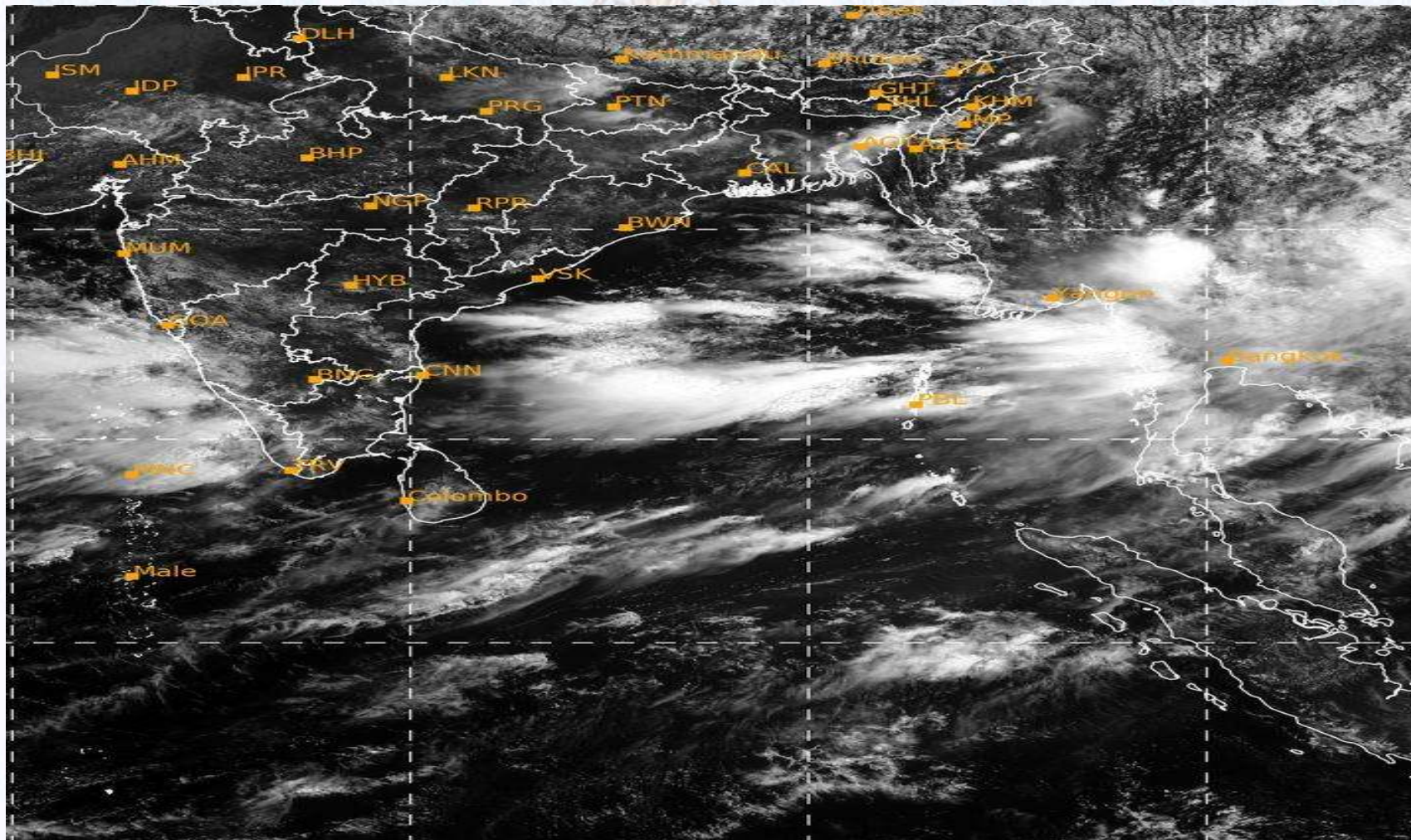


12/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



12/08/2020, 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 12.08.2020)

Part One	WARNING BAY OF BENGAL..	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY. MONSOON IS STRONG OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90..
	Wind	SOUTH/SOUTH-WESTERLY, 12-18 KTS. TEMPORARY GUSTING TO 28 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



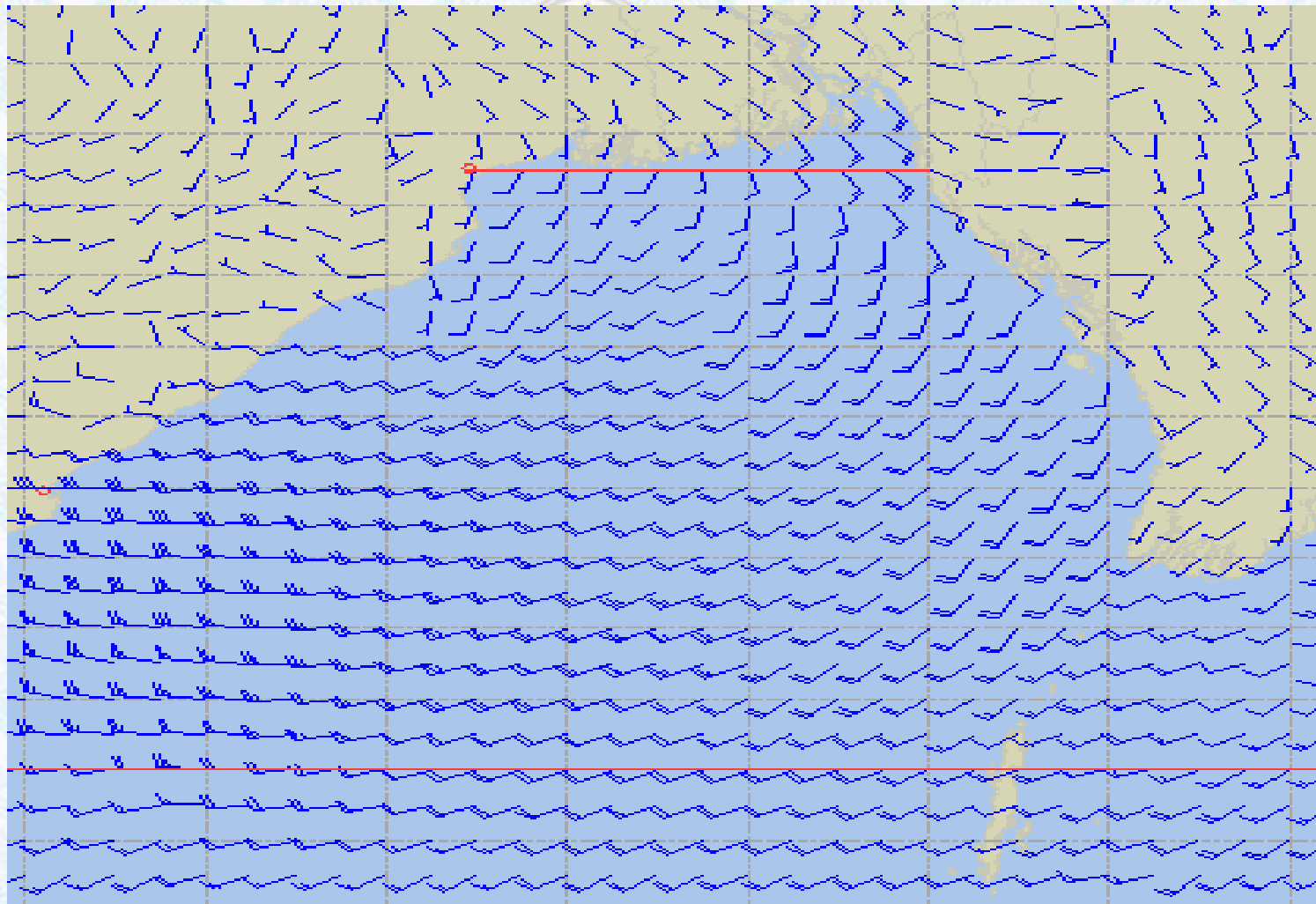
Inland River Port Warning **(VALID TILL 06 PM OF 12.08.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, SYLHET, DHAKA, FARIDPUR, JASHORE, KUSHTIA, 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- 13 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



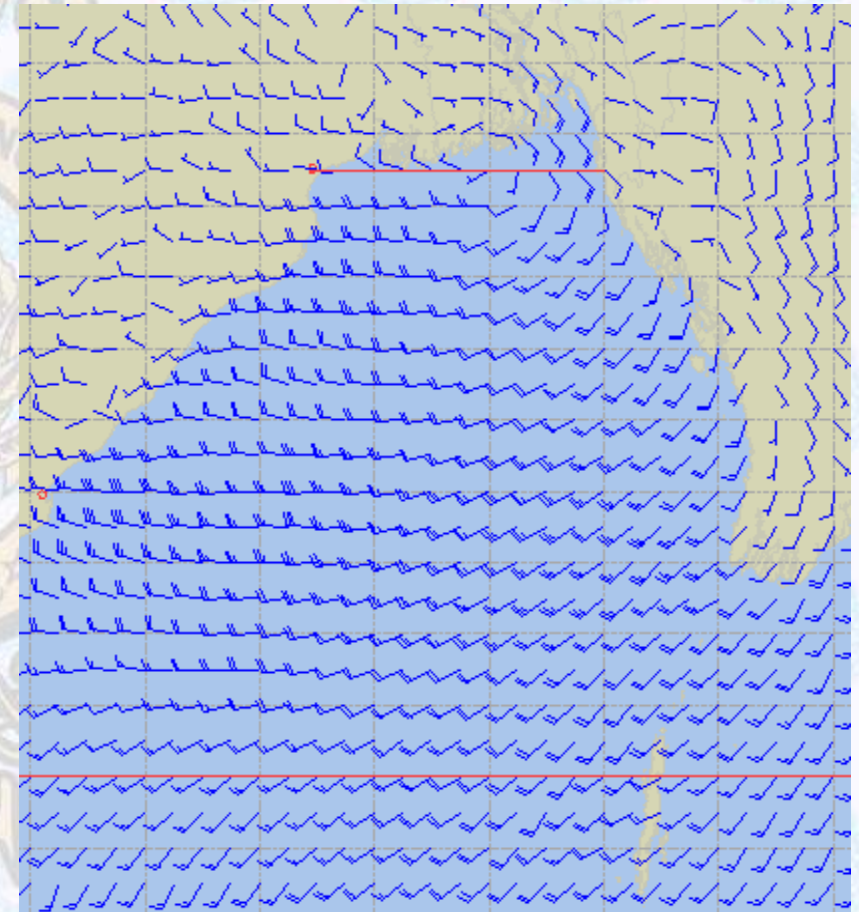
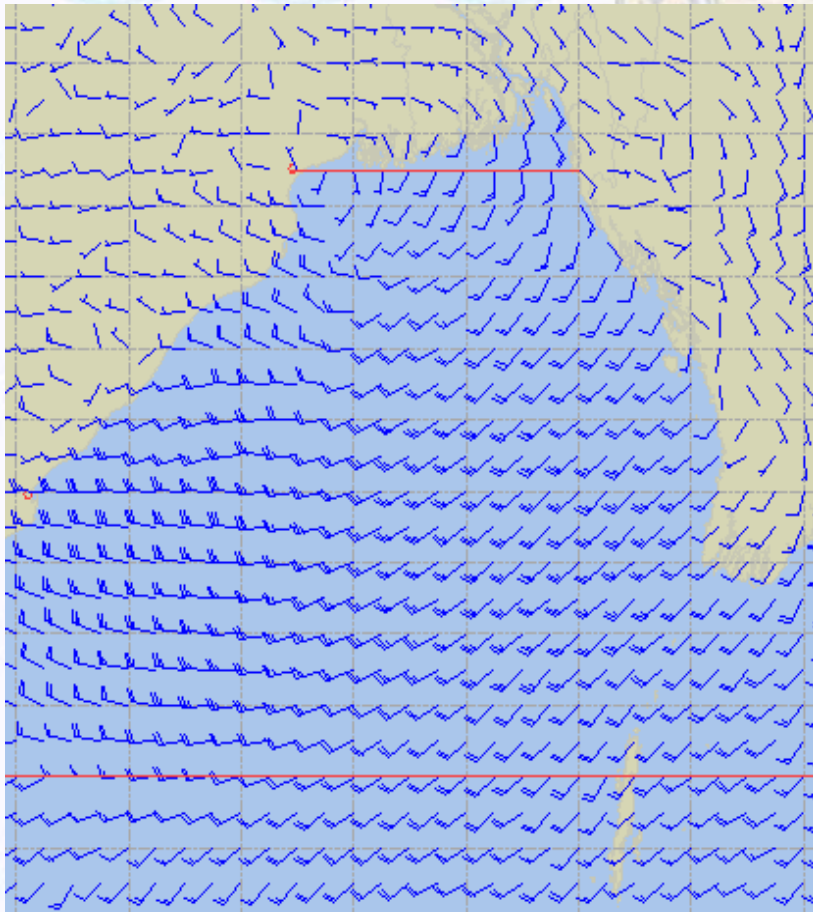
60 Knots



Surface Wind Forecast – 14 & 15 Aug - 2020

14 August 20 Friday

15 August 20 Saturday



Legend:



**Calm
Winds**



5 Knots



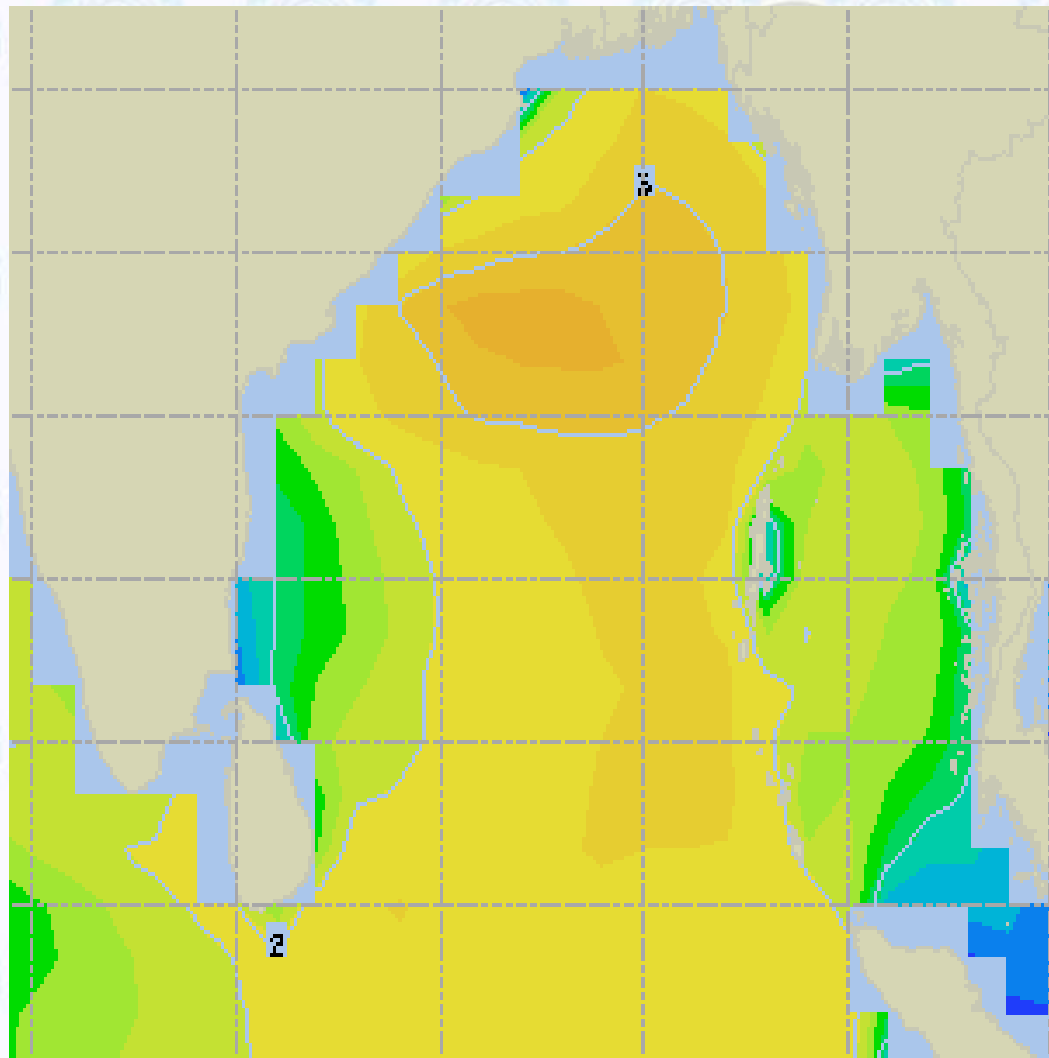
10 Knots



60 Knots



Sea State Forecast – 13 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

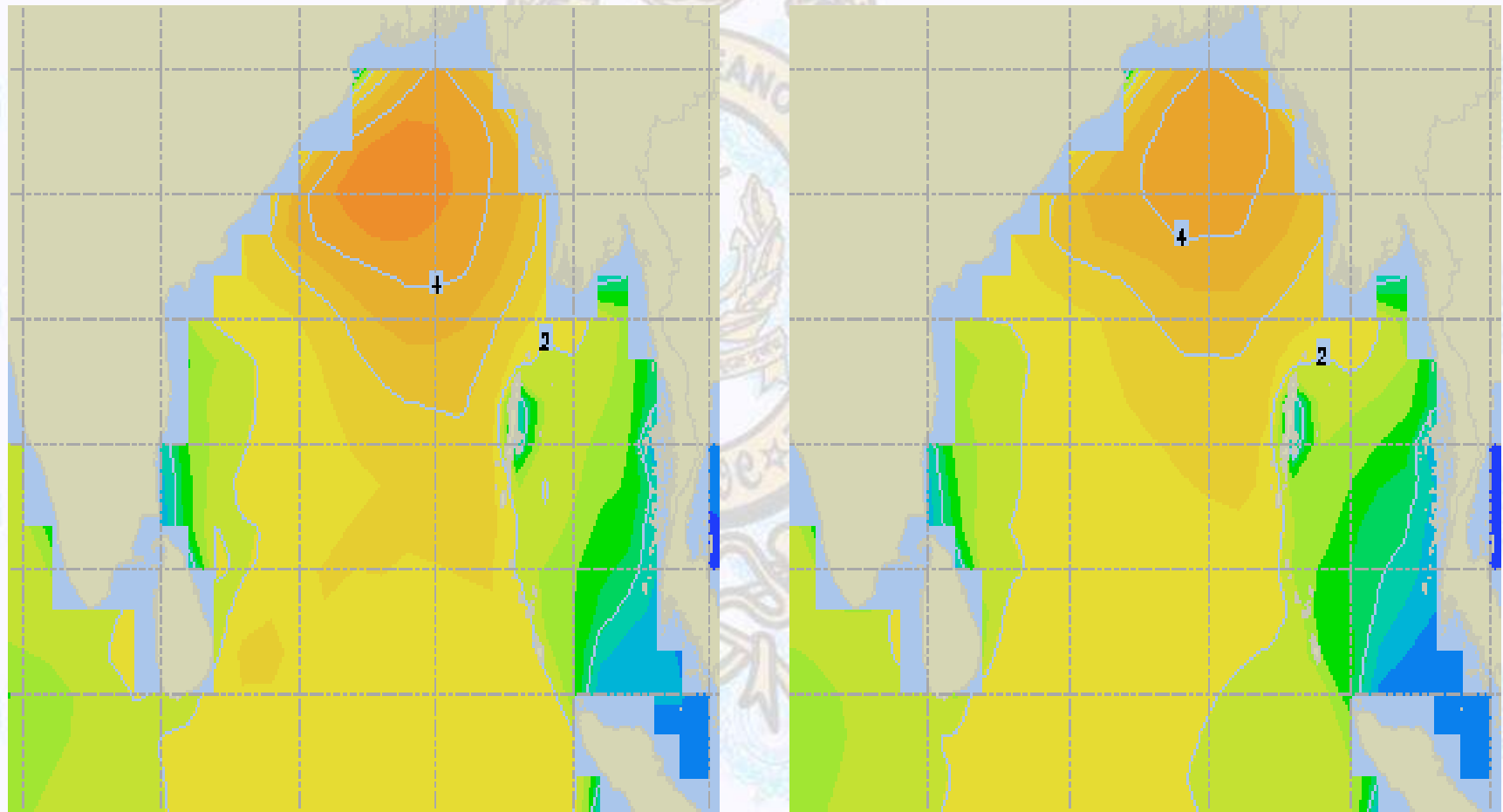




Sea State Forecast – 14 & 15 Aug - 2020

14 August 20 Friday

15 August 20 Saturday

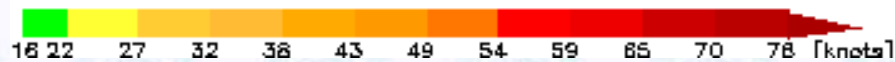
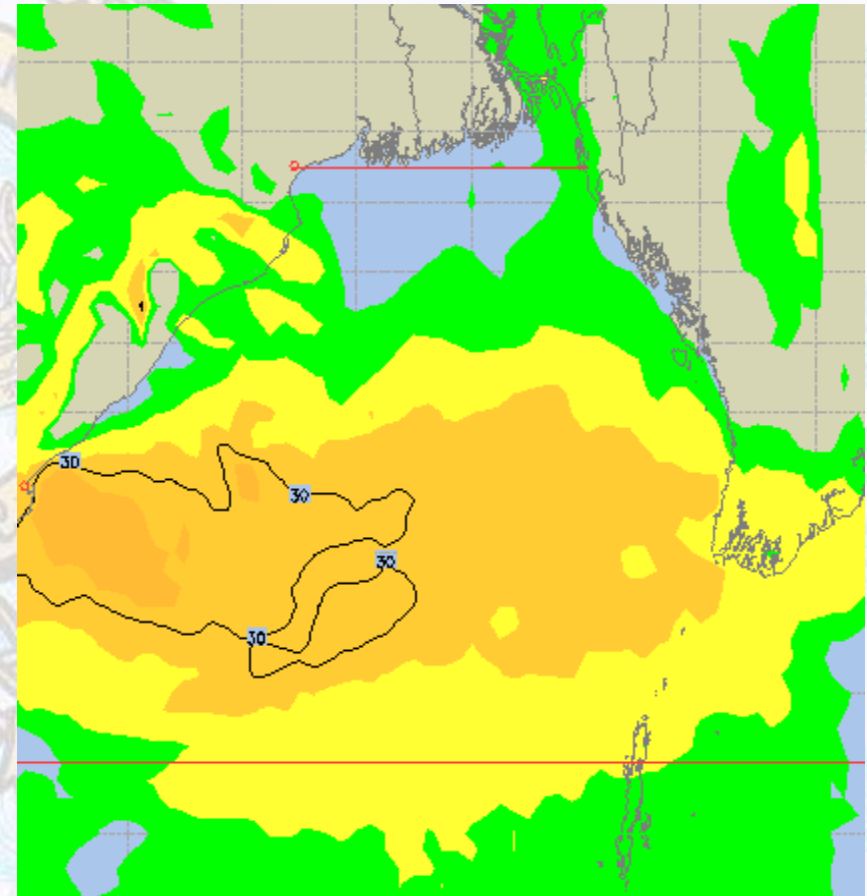
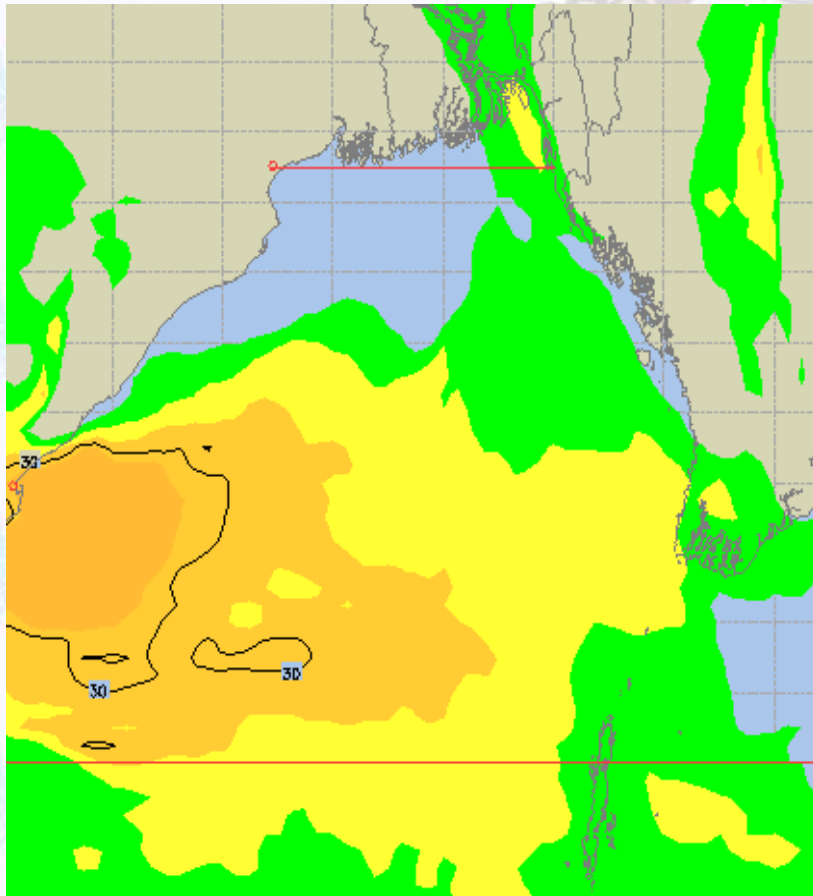




Peak Gusting Possibilities– 13 & 14 Aug 2020

13 August 20 Thursday

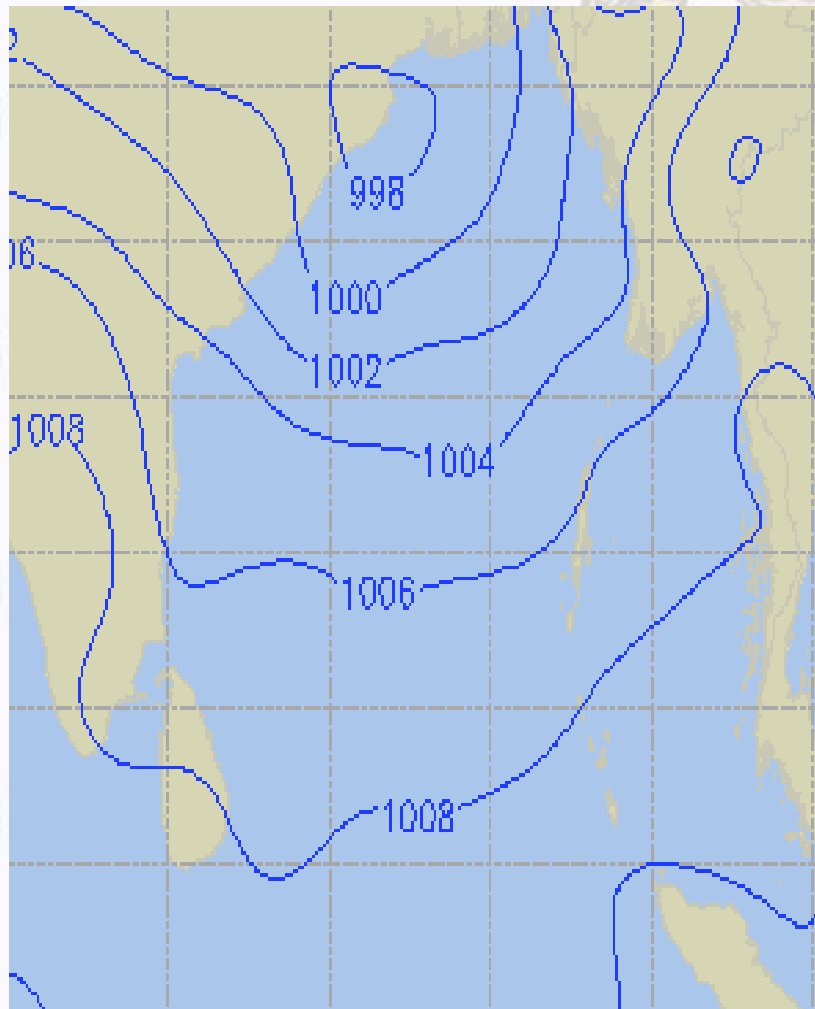
14 August 20 Friday



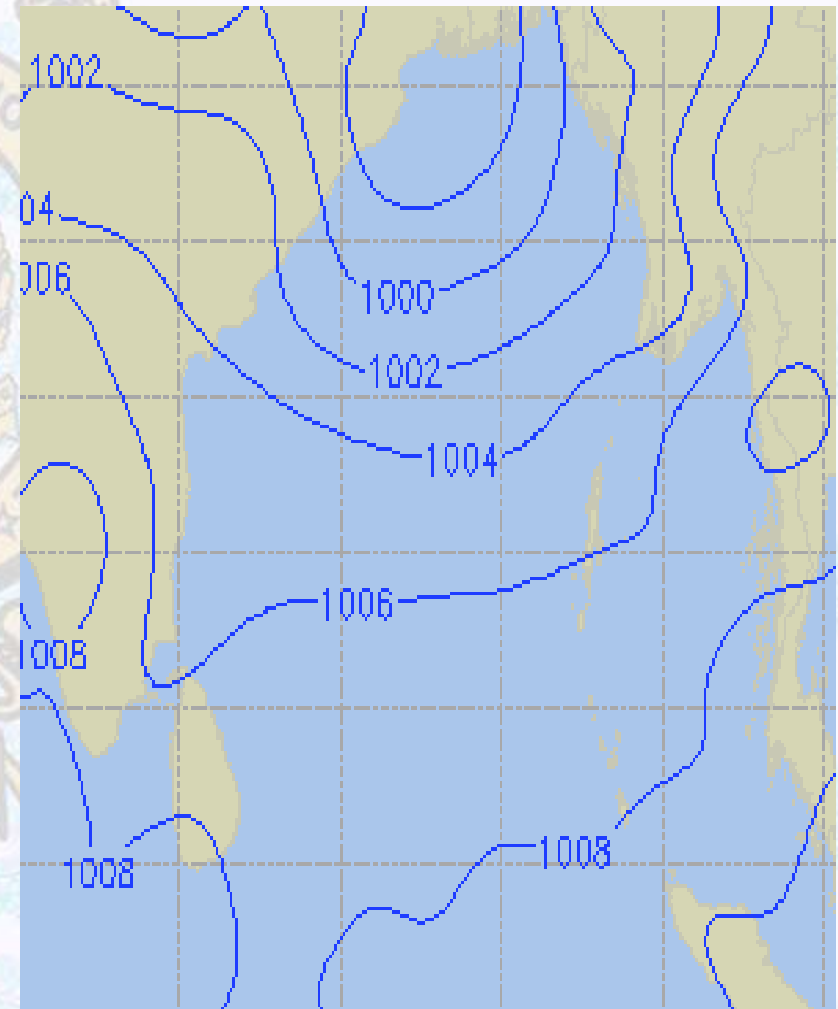


Surface Pressure forecast– 13 & 14 Aug 2020

13 August 20 Thursday



14 August 20 Friday

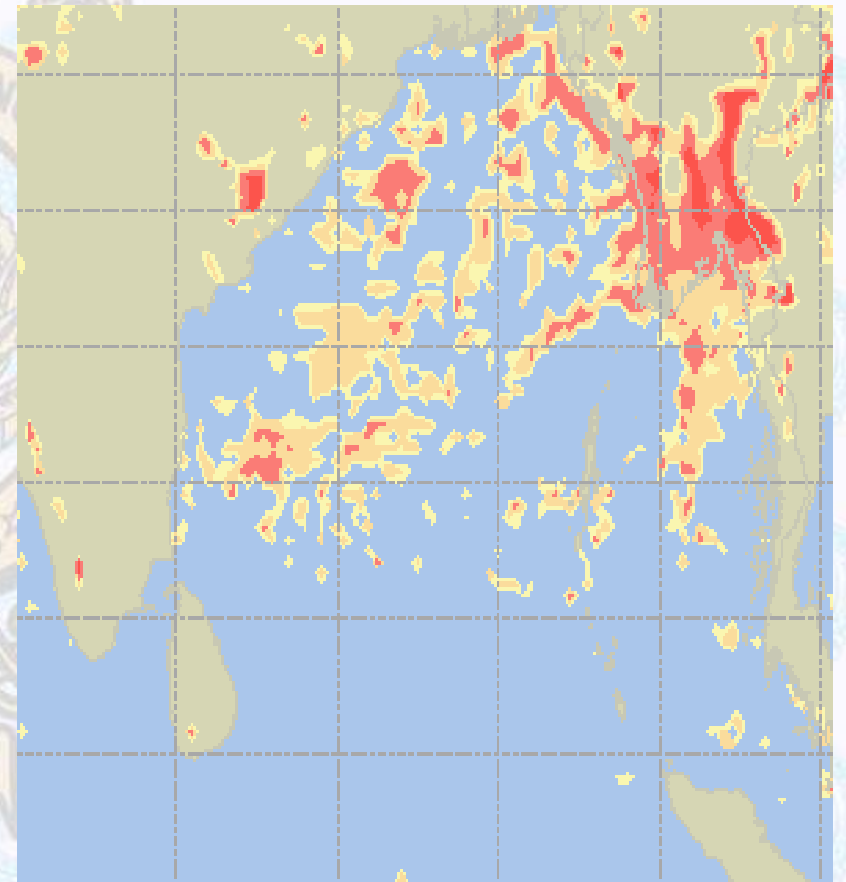
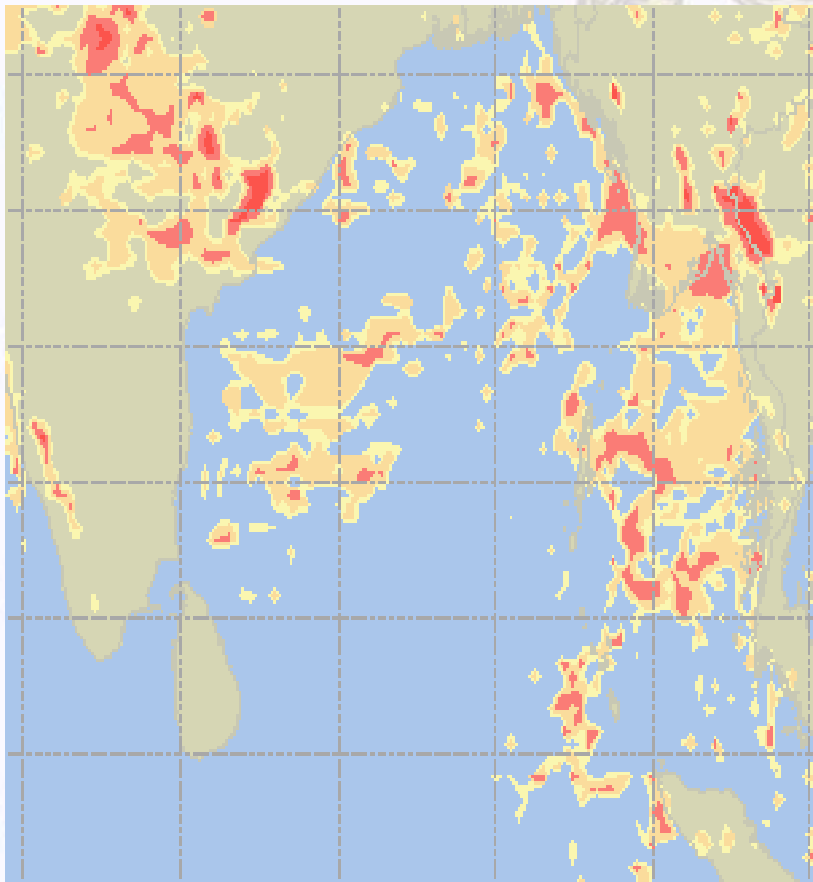




Visibility at Sea Forecast – 13 & 14 Aug 2020

13 August 20 Thursday

14 August 20 Friday



Visibility Scale:

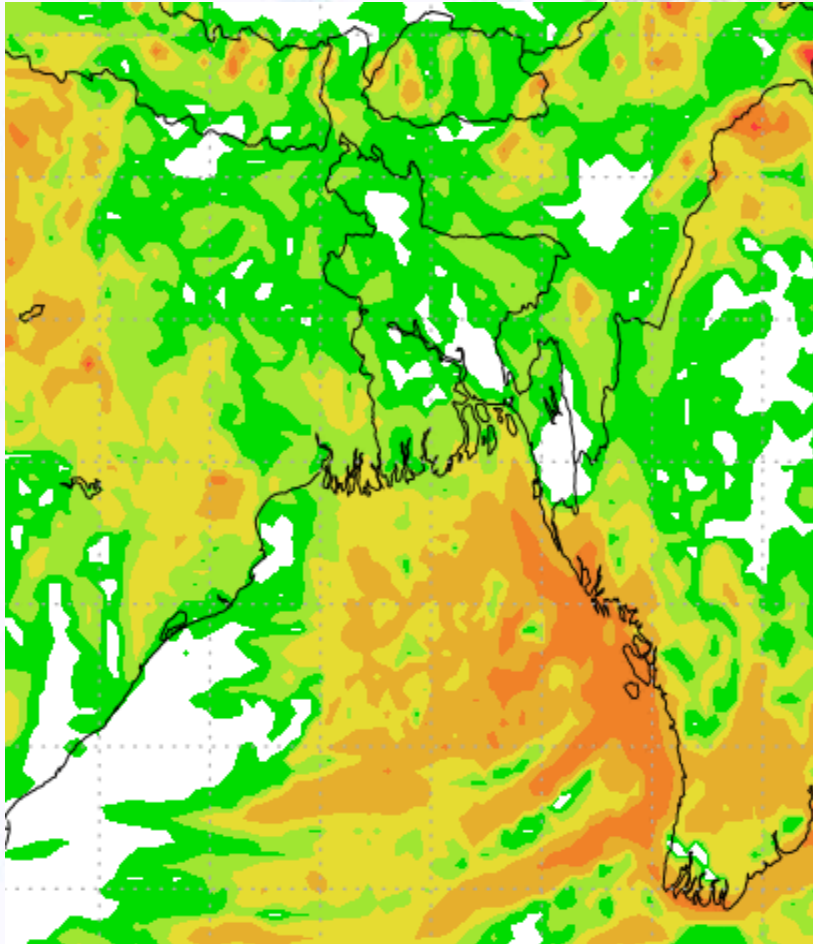


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

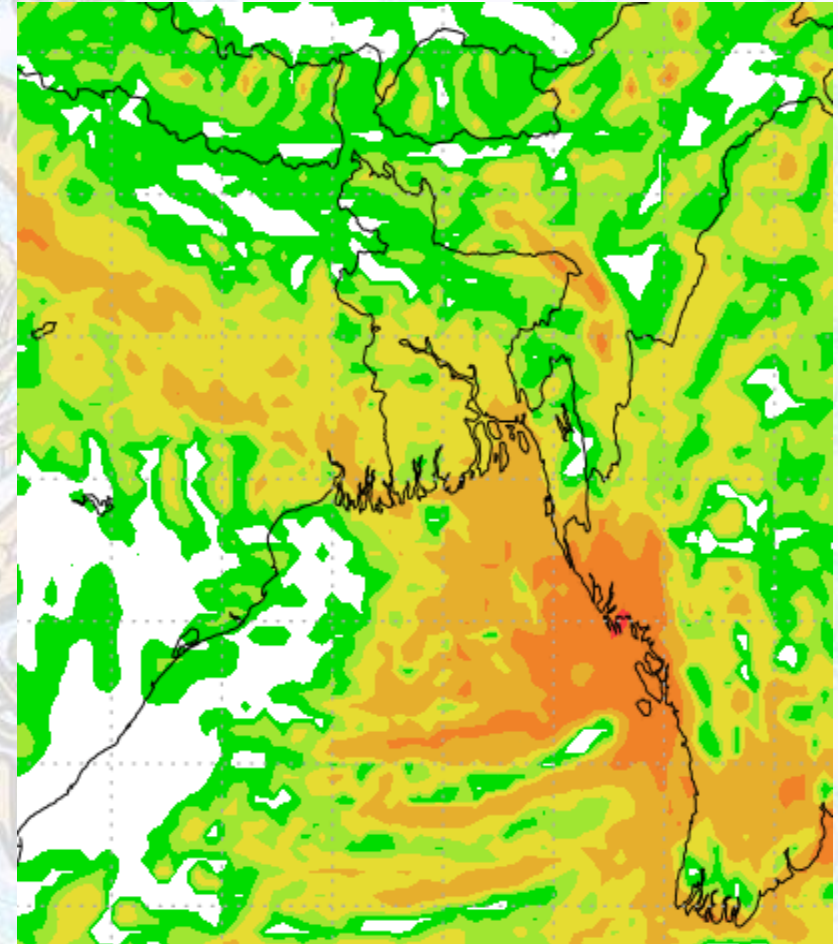


Precipitation

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
		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		-	-
	Time	Height		Time	Height		Time	Height
		0335		1.63			0128	1.55
15 Aug 2020	0954	4.58		0744	3.06		0718	2.87
	1639	1.57		1418	1.48		1402	1.66
	2236	4.22		2007	2.88		1951	2.62