



WEATHER FORECAST FOR BN

16 AUG- 19 AUG 2020





WEATHER FORECAST – DHAKA

16.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	32 / 26	29 / 25	28 / 25
Wind	23 km/h SSE	21 km/h SSE	18 km/h SSE	15 km/h SSE
Humidity	82%	78%	82%	80%
Chance of Precip	22%	34%	57%	45%
Cloud Cover	80%	72%	84%	90%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 33 AM 6: 31 PM			

Conditions

Pressure : 998 hpa

Visibility : 9.02 km

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



WEATHER FORECAST – CHATTOGRAM

16.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	28 / 26	27 / 26	28 / 26
Wind	20 km/h SSE	27 km/h SSE	26 km/h S	24 km/h S
Humidity	83%	88%	92%	90%
Chance of Precip.	85%	85%	94%	90%
Cloud Cover	80%	82%	89%	94%
Conditions	Light Rain	Light Rain	Light Rain	Light Rain
Sunrise	5: 29 AM			
Sunset	6: 23 PM			

Conditions

Pressure : 1002 hpa

Visibility : 8.27 Km

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



WEATHER FORECAST – KHULNA

16.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 28	29 / 27	28 / 27
Wind	8 km/h S	9 km/h S	14 km/h S	15 km/h S
Humidity	82%	82%	90%	92%
Chance of Precip.	32%	24%	48%	19%
Cloud Cover	72%	75%	60%	92%
Conditions	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 38 AM 6: 33 PM			

Conditions

Pressure : 997 hpa

Visibility : 4.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	17 August 2020	18 August 2020	19 August 2020
Temperature (C)	31°C/ 27°C	31°C/ 26°C	29°C/ 26°C
Summary	Light Rain	Light Rain	Light Rain
Sun Rise/Set	5h33m54s/18h31m00s	5h35m06s/18h29m18s	5h35m42s/18h28m30s
Day Length	12h55m06s	12h54m12s	12h52m48s
Moon Rise/ Set	3:23AM 5:20PM	4:26AM 6:10PM	5:31AM 6:57PM
Moon Phase/ illu	Waning Crescent, 2%	Waning Crescent, 0%	New Moon, 0%
NauticalTwilight	0442,1923	0442,1923	0442,1923
Civil Twilight	0511,1855	0511,1855	0511,1855
Humidity	D : 80% N : 85%	D : 81% N : 87%	D : 81% N : 87%
Barometer (mb)	999	998	998
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	21 Km/h SSE	15 Km/h SSE	19 Km/h SE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 August 2020	18 August 2020	19 August 2020
Temperature (C)	29°C/ 26°C	29°C/ 26°C	28°C/ 26°C
Summary	Light Rain	Light Rain	Light Rain
Sun Rise/Set	5h30m00s/18h23m30s	5h31m06s/18h21m48s	5h31m42s/18h21m06s
Day Length	12h52m23s	12h50m42s	12h49m24s
Moon Rise/ Set	3:20AM 5:11PM	4:22AM 6:02PM	5:27AM 6:49PM
Moon Phase/ illu	Waning Crescent, 2%	Waning Crescent, 0%	New Moon, 0%
Nautical Twilight	0438, 1917	0438, 1917	0438, 1917
Civil Twilight	0504, 1848	0504, 1848	0504, 1848
Humidity	D : 88% N : 93%	D : 90% N : 93%	D : 91% N : 93%
Barometer (mb)	1002	1001	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	100%
Wind (mph)	26 Km/h S	22 Km/h S	21 Km/h SSE

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



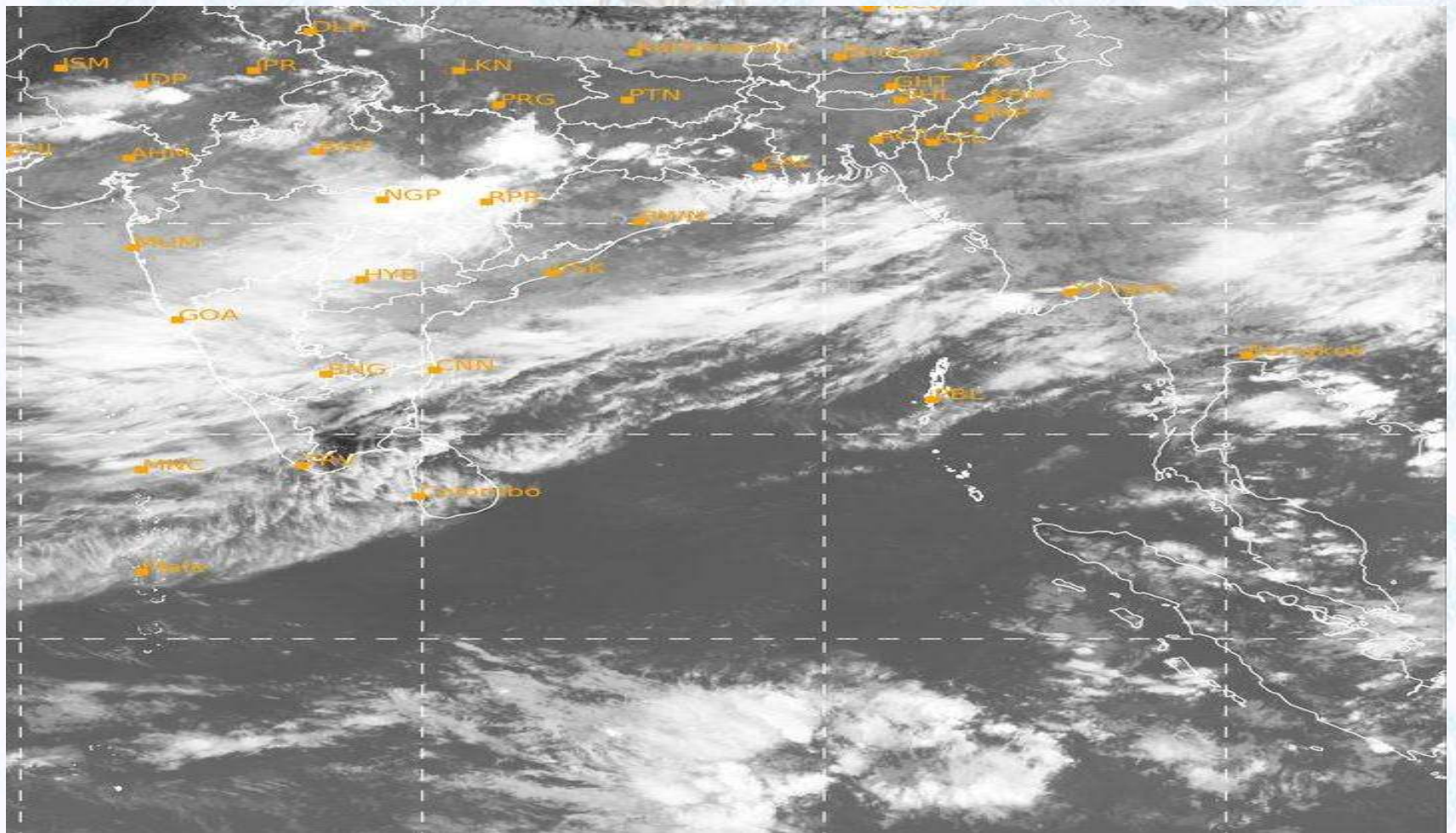
GENERAL WEATHER FORECAST – KHULNA

Description	17 August 2020	18 August 2020	19 August 2020
Temperature(C)	31°C/ 27°C	31°C/ 27°C	30°C/ 26°C
Summary	Light Rain	Light Rain	Light Rain
Sun Rise/Set	5h38m30s/18h33m12s	5h39m42s/18h31m36s	5h40m18s/18h30m48s
Day Length	12h54m42s	12h51m54s	12h50m30s
Moon Rise/Set	3:30AM 5:22PM	4:32AM 6:12PM	5:37AM 7:00PM
Moon Phase/illu	Waning Crescent, 2%	Waning Crescent, 0%	New Moon, 0%
Nautical Twilight	0447, 1924	0447, 1924	0447, 1924
Civil Twilight	0515, 1857	0515, 1857	0515, 1857
Humidity	D : 89% N : 92%	D : 89% N : 94%	D : 90% N : 95%
Barometer (mb)	998	999	999
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	100%
Wind (mph)	17 km/h S	12 km/h S	13 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL

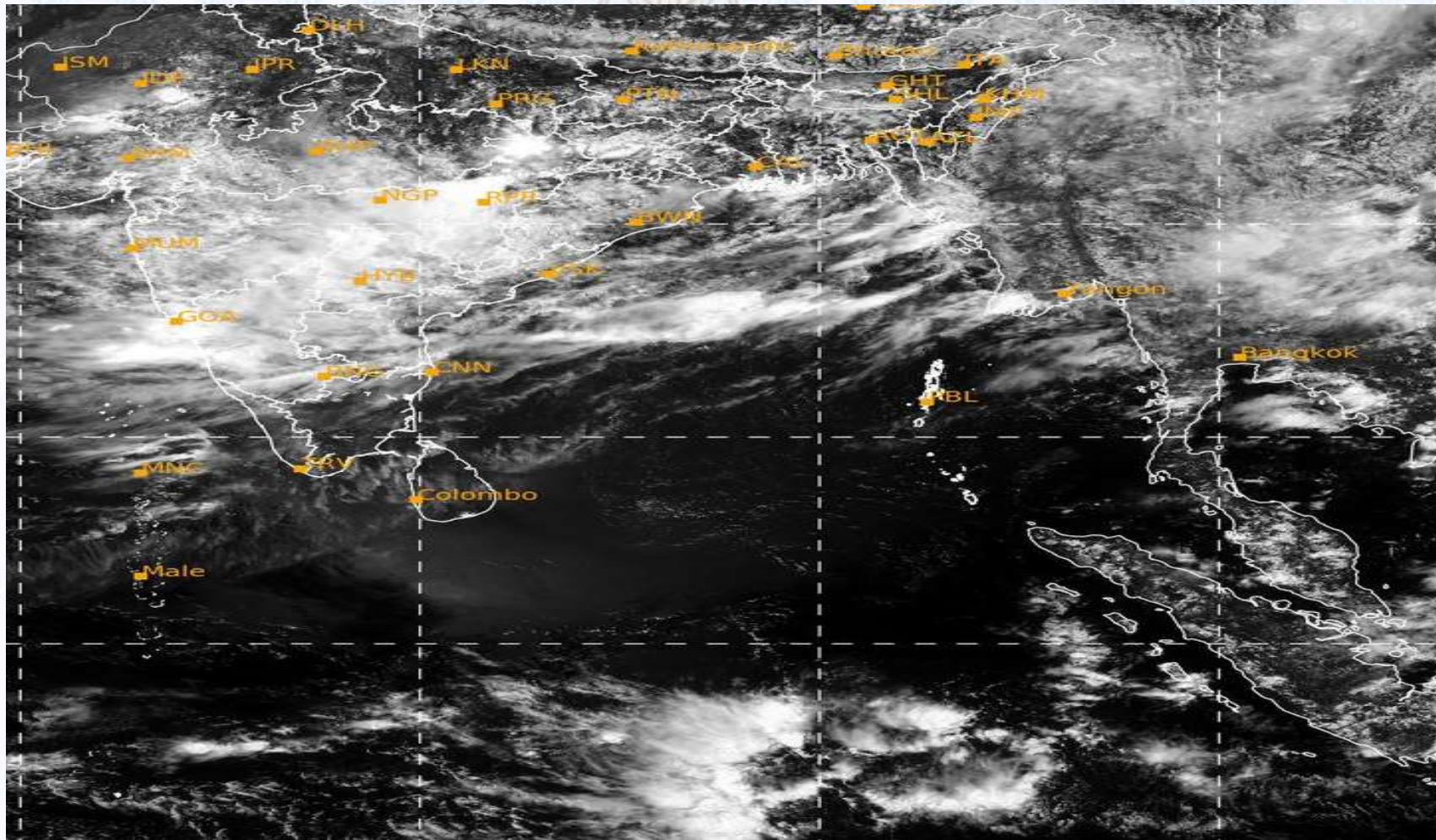


16/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



16/08/2020, 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 16.08.2020)

Part One	WARNING BAY OF BENGAL..	
Part Two	THE WELL MARKED LOW OVER GANGETIC WEST BENGAL AND ADJOINING NORTHWEST BAY AND SOUTHWESTERN PART OF BANGLADESH NOW LIES OVER JHARKHAND AND ADJOINING GANGETIC WEST BENGAL AS A LOW PRESSURE AREA. ODISHA THE INFLUENCE STRONG MONSOON AND STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY 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 =1000 HPA



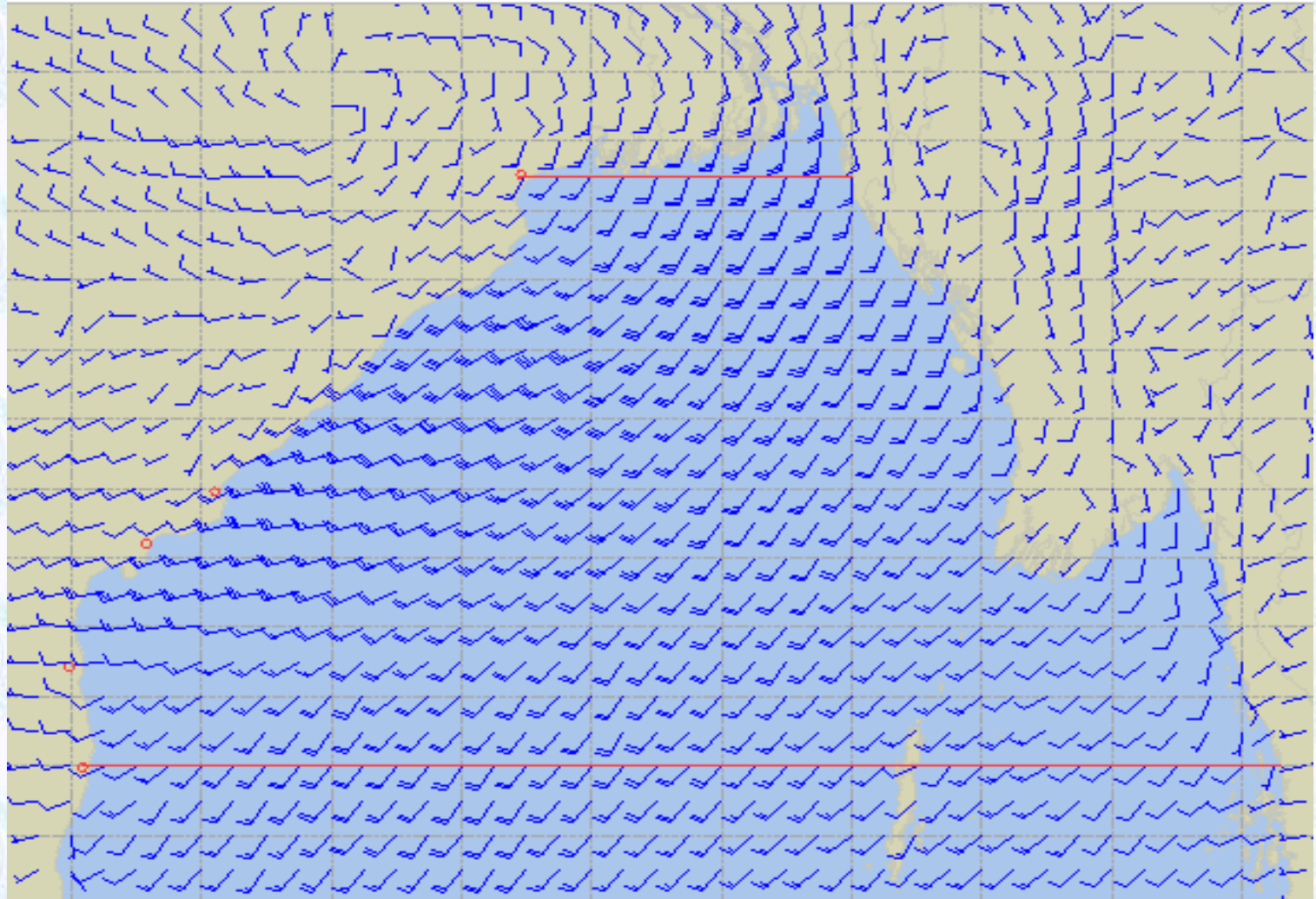
Inland River Port Warning (VALID TILL 06 PM OF 16.08.2020)

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **SOUTH/SOUTH-EASTERLY**, GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, RANGPUR, 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- 17 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



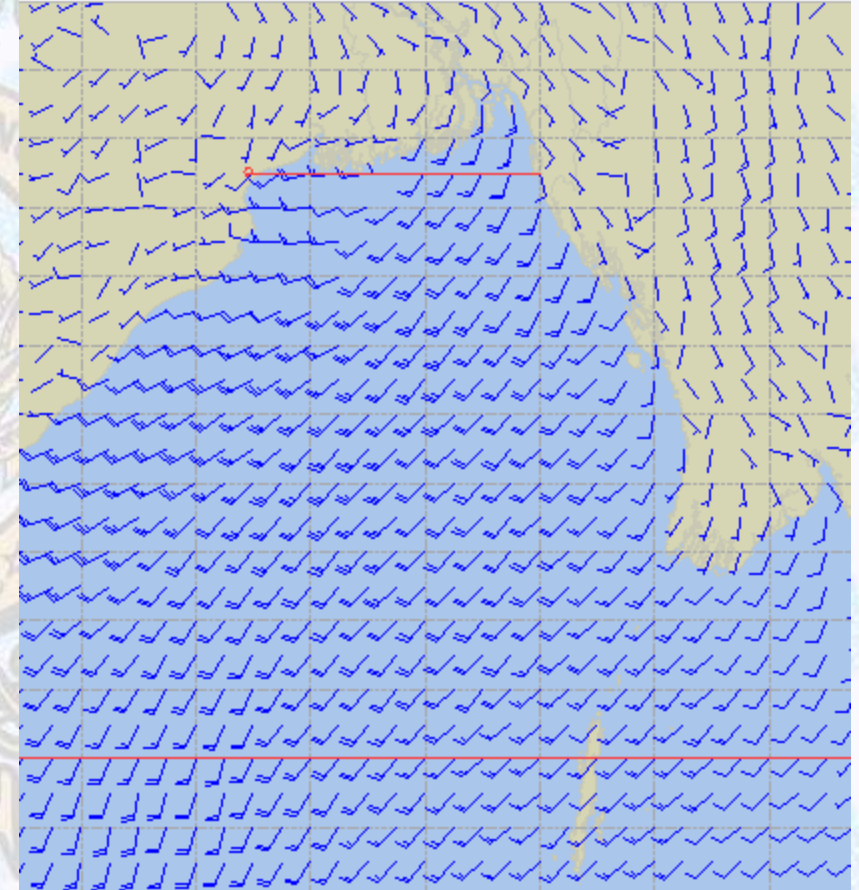
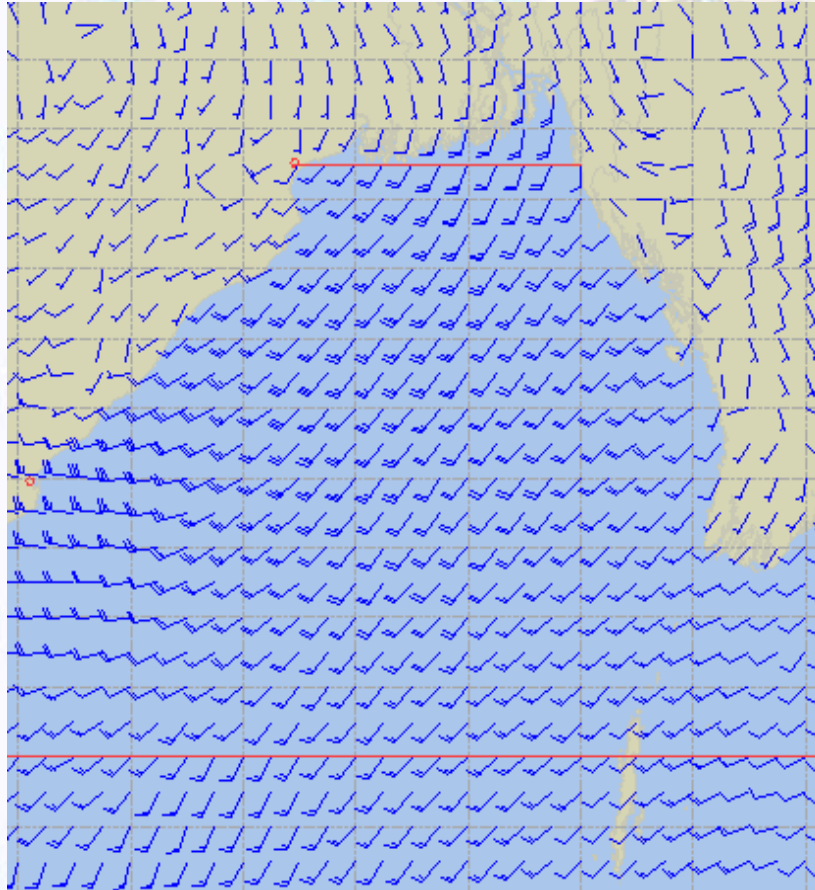
60 Knots



Surface Wind Forecast – 18 & 19 Aug - 2020

18 August 20 Tuesday

19 August 20 Wednesday



Legend:



**Calm
Winds**



5 Knots



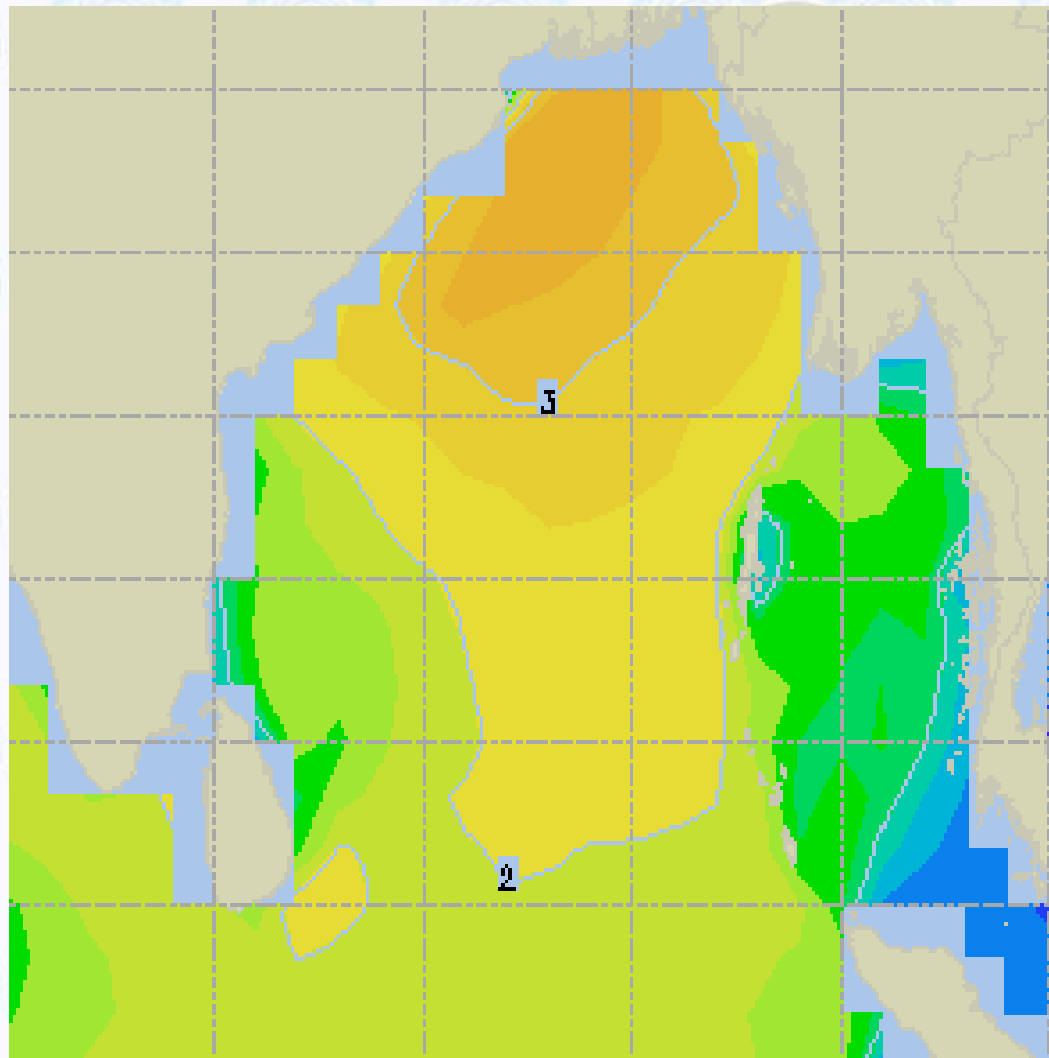
10 Knots



60 Knots



Sea State Forecast – 17 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

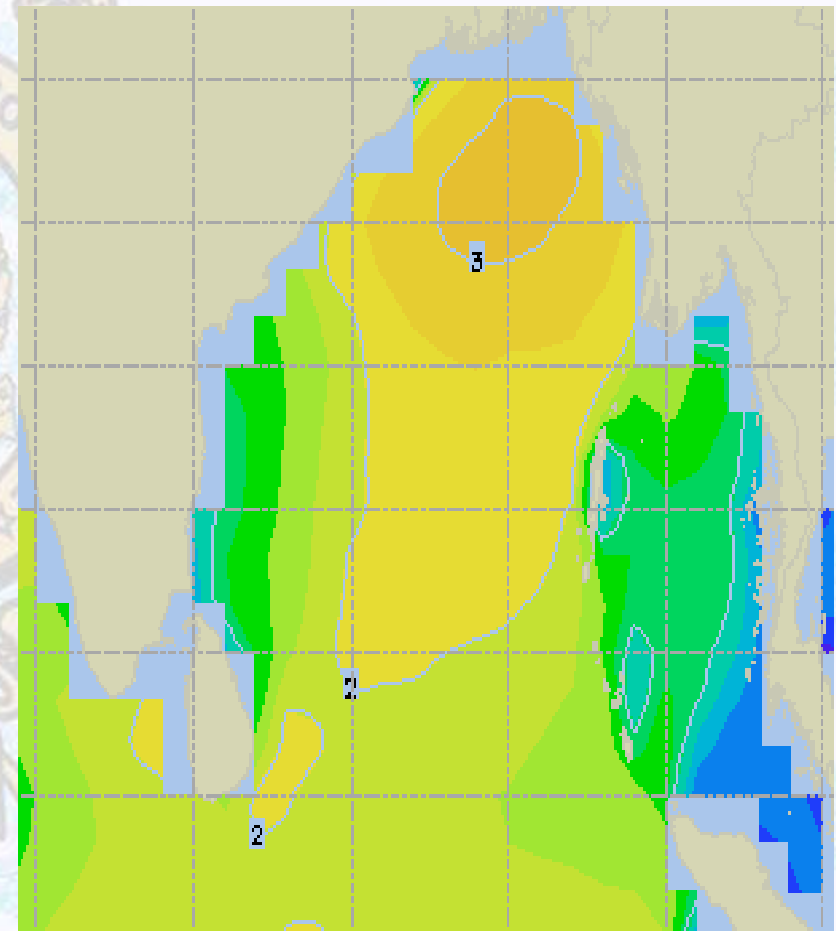
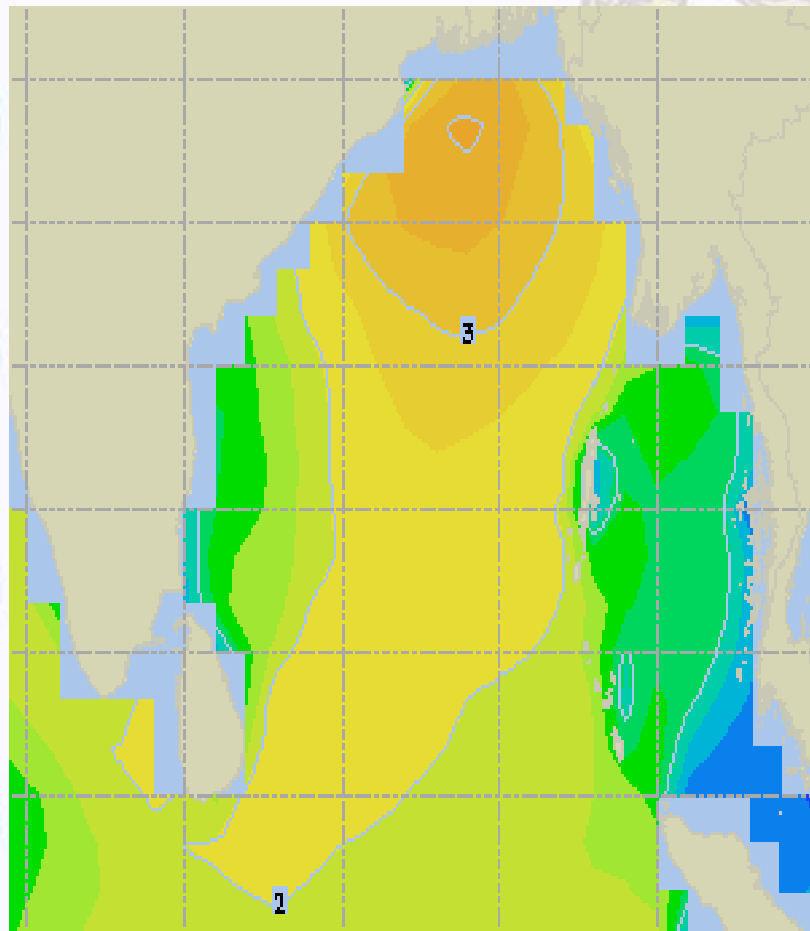




Sea State Forecast – 18 & 19 Aug - 2020

18 August 20 Tuesday

19 August 20 Wednesday

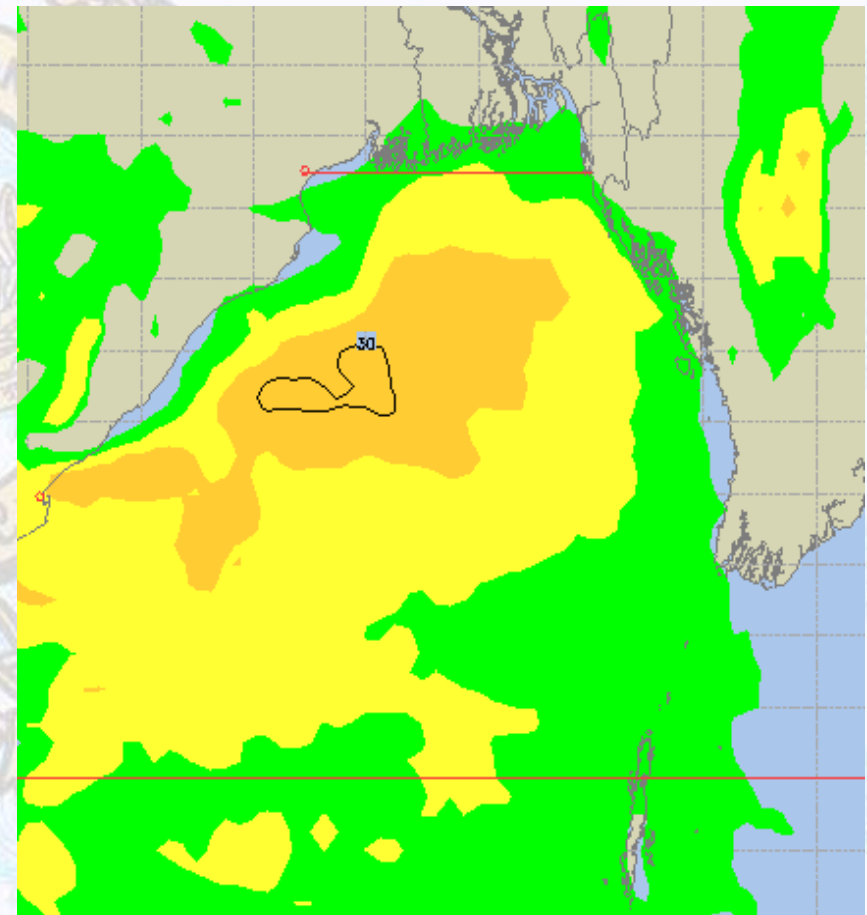
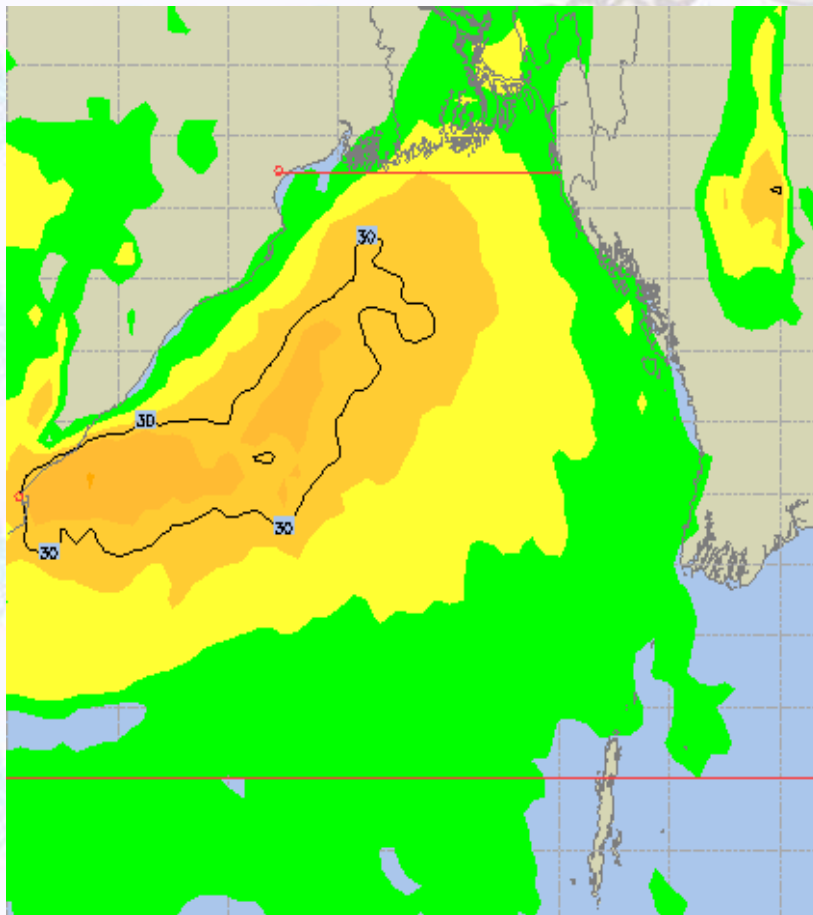




Peak Gusting Possibilities– 17 & 18 Aug 2020

17 August 20 Monday

18 August 20 Tuesday

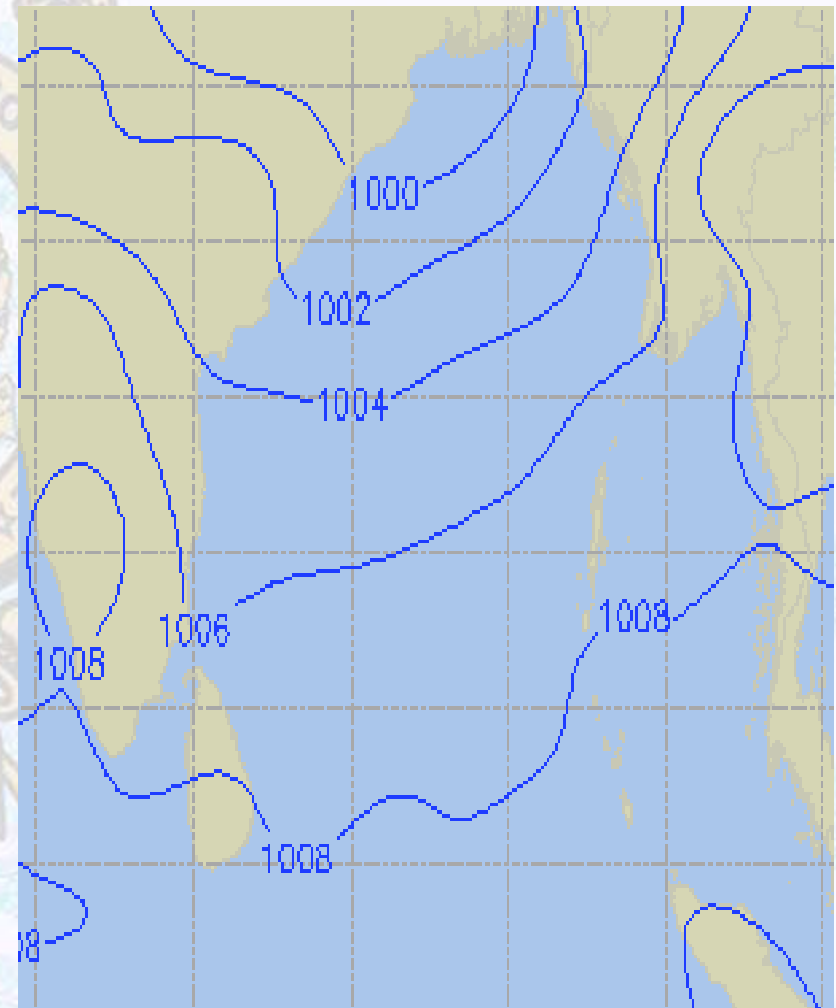
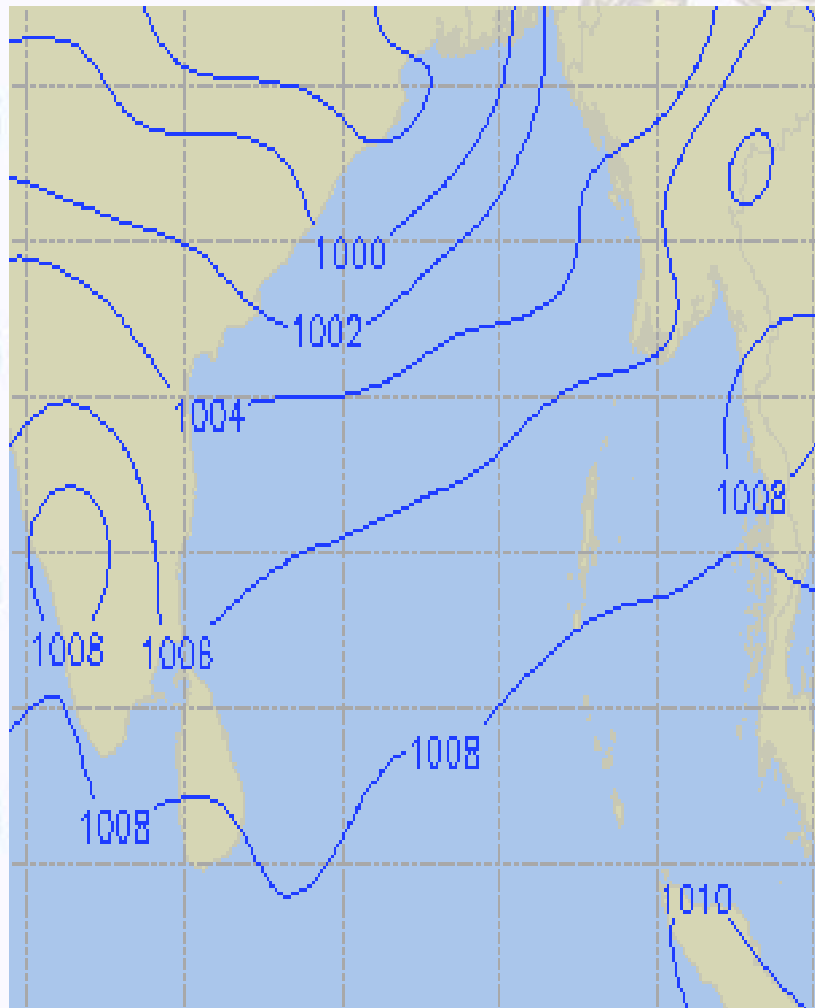




Surface Pressure forecast– 17 & 18 Aug 2020

17 August 20 Monday

18 August 20 Tuesday

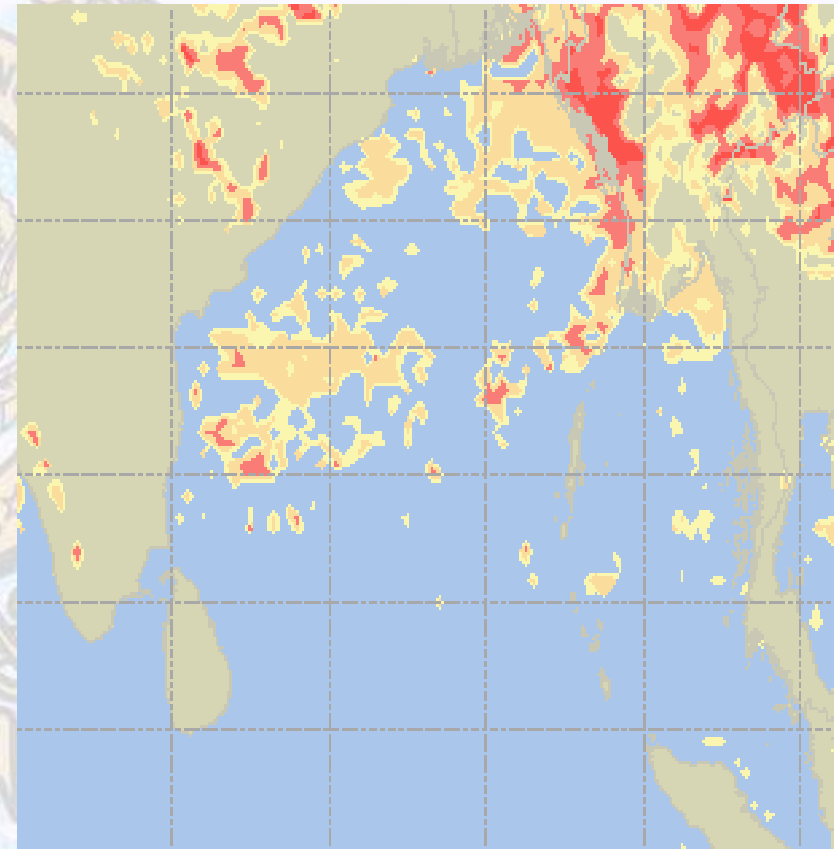
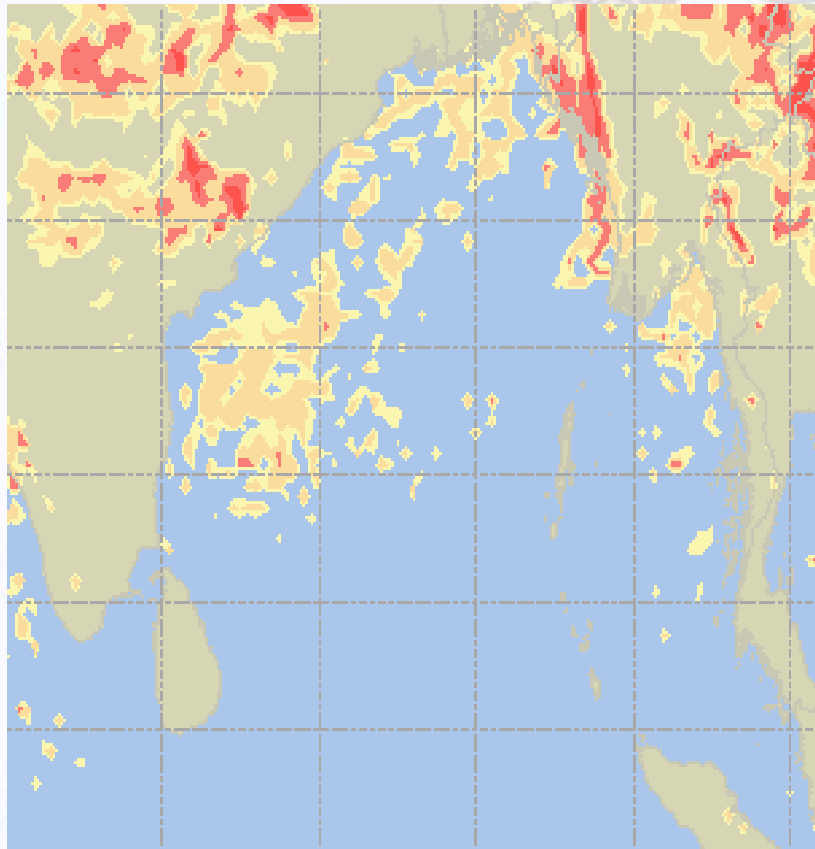




Visibility at Sea Forecast – 17 & 18 Aug 2020

17 August 20 Monday

18 August 20 Tuesday



Visibility Scale:

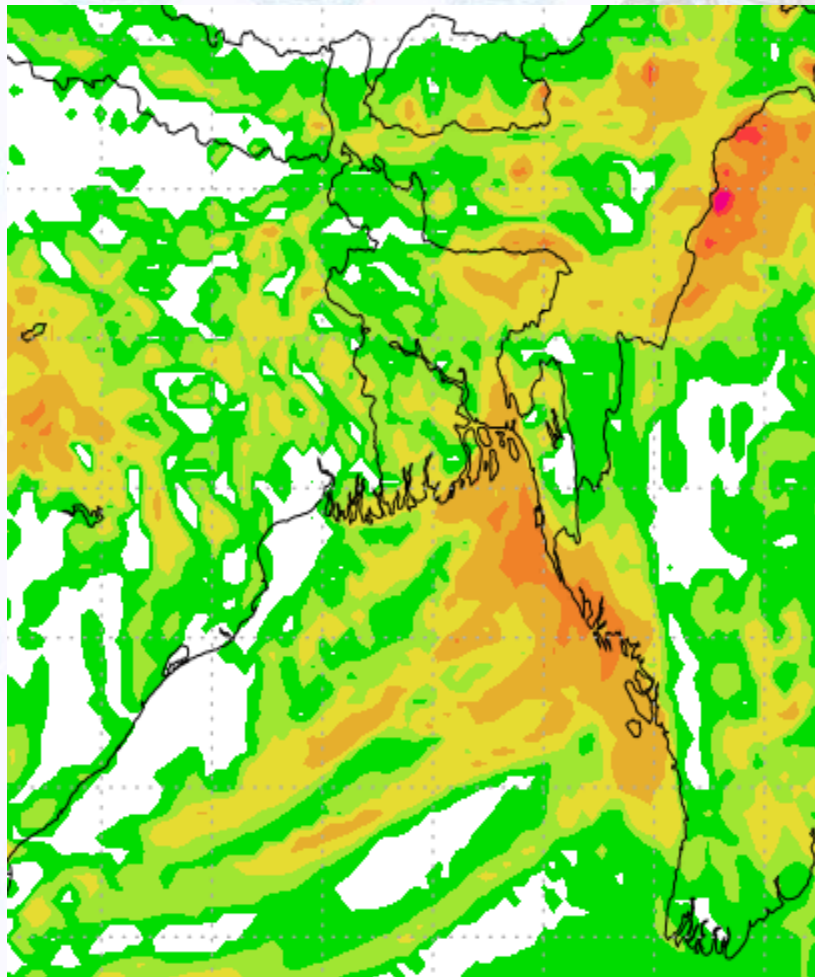


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

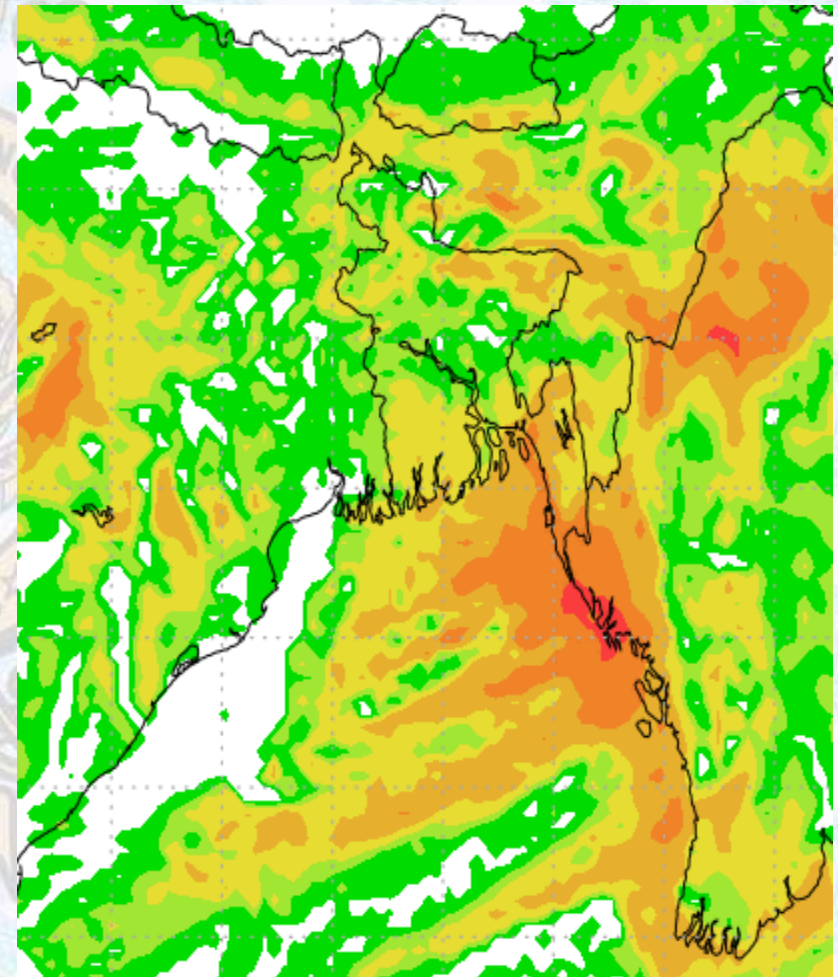


Precipitation

Rain(mm) 17 & 18 Aug 2020



Rain(mm) 18 & 19 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
17 Aug 2020	0543	1.24		0329	1.26		0257	1.23
	1142	5.10		0923	3.57		0915	3.23
	1829	1.13		1602	1.19		1552	1.23
	-	-		2140	3.35		2142	3.01
18 Aug 2020	0015	4.81		0418	1.11		0349	1.05
	0633	1.02		1005	3.79		0958	3.39
	1225	5.33		1647	1.06		1634	1.02
	1912	0.94		2220	3.56		2224	3.19
19 Aug 2020	0053	5.05		0502	0.98		0435	0.89
	0717	0.85		1045	3.96		1038	3.51
	1303	5.51		1729	0.95		1713	0.85
	1951	0.78		2259	3.72		2303	3.32