



WEATHER FORECAST FOR BN

14 AUG- 17 AUG 2020



WEATHER FORECAST – DHAKA

14.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 26	32 / 26	29 / 25	29 / 25
Wind	18 km/h SSE	18 km/h SE	16 km/h ESE	16 km/h ESE
Humidity	68%	69%	78%	80%
Chance of Precip	17%	53%	44%	20%
Cloud Cover	85%	90%	90%	90%
Conditions	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy
Sunrise Sunset	5: 33 AM 6: 32 PM			

Conditions

Pressure : 999 hpa

Visibility : 8.02 km

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



WEATHER FORECAST – CHATTOGRAM

14.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 27	28 / 26	28 / 26
Wind	22 km/h SSE	21 km/h SE	21 km/h SE	25 km/h SE
Humidity	82%	82%	89%	80%
Chance of Precip.	16%	48%	70%	60%
Cloud Cover	81%	80%	90%	90%
Conditions	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 29 AM 6: 24 PM			

Conditions

Pressure : 1000 hpa

Visibility : 8.27 Km

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



WEATHER FORECAST – KHULNA

14.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	31 / 28	29 / 27	29 / 27
Wind	19 km/h E	18 km/h ESE	12 km/h E	10 km/h E
Humidity	82%	82%	90%	92%
Chance of Precip.	62%	24%	18%	19%
Cloud Cover	82%	73%	87%	92%
Conditions	Cloudy/ Light Rain	Cloudy	Cloudy	Cloudy/ Light Rain
Sunrise Sunset	5: 37 AM 6: 34 PM			

Conditions

Pressure : 997 hpa

Visibility : 8.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	15 August 2020	16 August 2020	17 August 2020
Temperature (C)	31 °C/ 27 °C	30 °C/ 27 °C	31 °C/ 27 °C
Summary	Cloudy/ Light Rain	Light Rain	Light Rain
Sun Rise/Set	5h33m36s/18h31m42s	5h33m54s/18h31m00s	5h33m54s/18h31m00s
Day Length	12h58m06s	12h57m06s	12h57m06s
Moon Rise/ Set	1:31AM 3:30PM	2:24AM 4:25PM	3:23AM 5:20PM
Moon Phase/ illu	Waning Crescent, 14%	Waning Crescent, 7%	Waning Crescent, 2%
NauticalTwilight	0442,1922	0442,1923	0442,1923
Civil Twilight	0510,1855	0511,1855	0511,1855
Humidity	D : 78% N : 83%	D : 81% N : 85%	D : 79% N : 84%
Barometer (mb)	997	999	999
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	100%
Wind (mph)	28 Km/h SE	25 Km/h SE	19 Km/h SSE

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	15 August 2020	16 August 2020	17 August 2020
Temperature (C)	29 °C/ 26 °C	29 °C/ 26 °C	29 °C/ 26 °C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h29m42s/18h24m06s	5h30m00s/18h23m30s	5h30m00s/18h23m30s
Day Length	12h54m24s	12h53m23s	12h53m23s
Moon Rise/ Set	1:28AM 3:20PM	2:21AM 4:16PM	3:20AM 5:11PM
Moon Phase/ illu	Waning Crescent, 14%	Waning Crescent, 7%	Waning Crescent, 2%
Nautical Twilight	0438, 1916	0438, 1917	0438, 1917
Civil Twilight	0505, 1848	0504, 1848	0504, 1848
Humidity	D : 88% N : 90%	D : 88% N : 90%	D : 88% N : 90%
Barometer (mb)	1000	1002	1002
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	90%
Wind (mph)	33 Km/h SSE	29 Km/h SSE	25 Km/h S

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



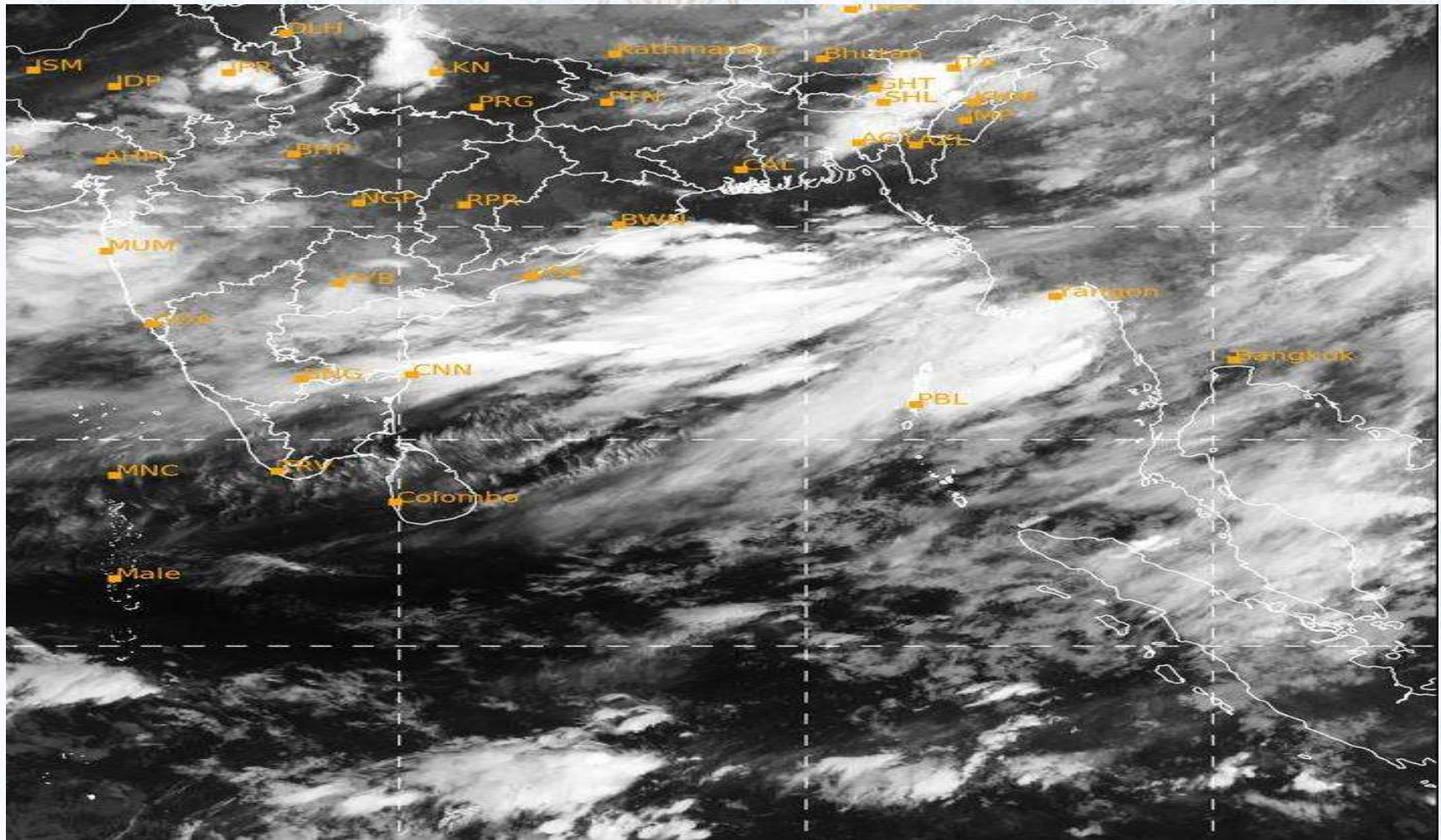
GENERAL WEATHER FORECAST – KHULNA

Description	15 August 2020	16 August 2020	17 August 2020
Temperature(C)	31°C/ 27°C	31°C/ 27°C	31°C/ 27°C
Summary	Light Rain	Rain	Rain
Sun Rise/Set	5h38m18s/18h33m48s	5h38m30s/18h33m12s	5h38m30s/18h33m12s
Day Length	12h55m30s	12h54m42s	12h54m42s
Moon Rise/Set	1:38AM 3:31PM	2:31AM 4:27PM	3:30AM 5:22PM
Moon Phase/illu	Waning Crescent, 14%	Waning Crescent, 7%	Waning Crescent, 2%
Nautical Twilight	0447, 1924	0447, 1924	0447, 1924
Civil Twilight	0515, 1857	0515, 1857	0515, 1857
Humidity	D : 86% N : 92%	D : 87% N : 90%	D : 88% N : 90%
Barometer (mb)	995	998	999
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	90%
Wind (mph)	24 km/h SE	21 km/h S	18 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

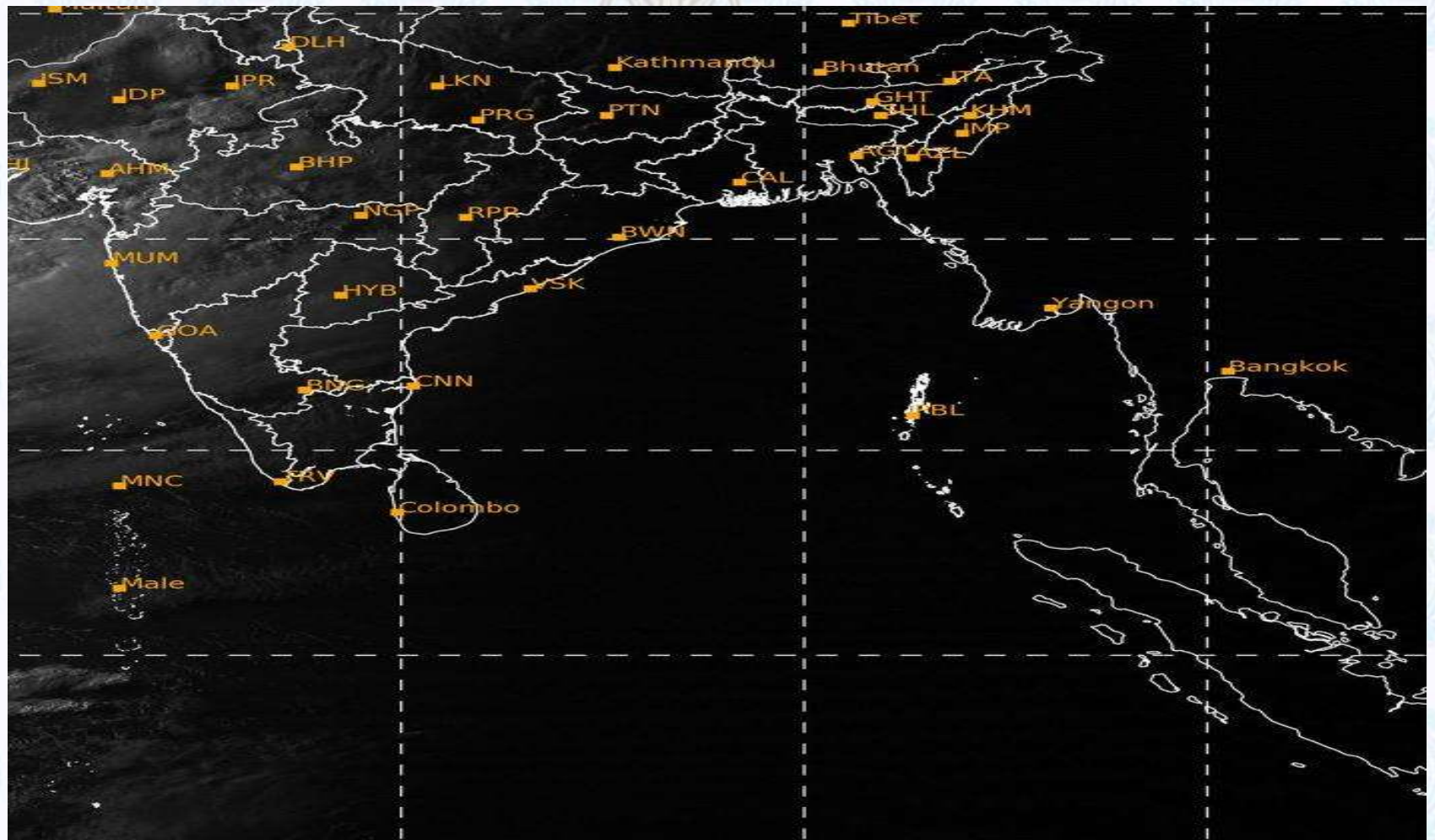


14/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



14/08/2020, 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 14.08.2020)

Part One	WARNING BAY OF BENGAL..	
Part Two	THE LOW HAS OVER NORTH-WEST BAY AND ADJOINING NORTH ODISHA - GANGETIC WEST BENGAL COAST PERSISTS. MONSOON IS STRONG ELSEWHERE OVER THE COUNTRY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER NORTH BAY.
	Wind	SOUTH-/SOUTH-EASTERLY, 12-18 KTS, TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 0000 UTC. CHATTOGRAM =1000 HPA



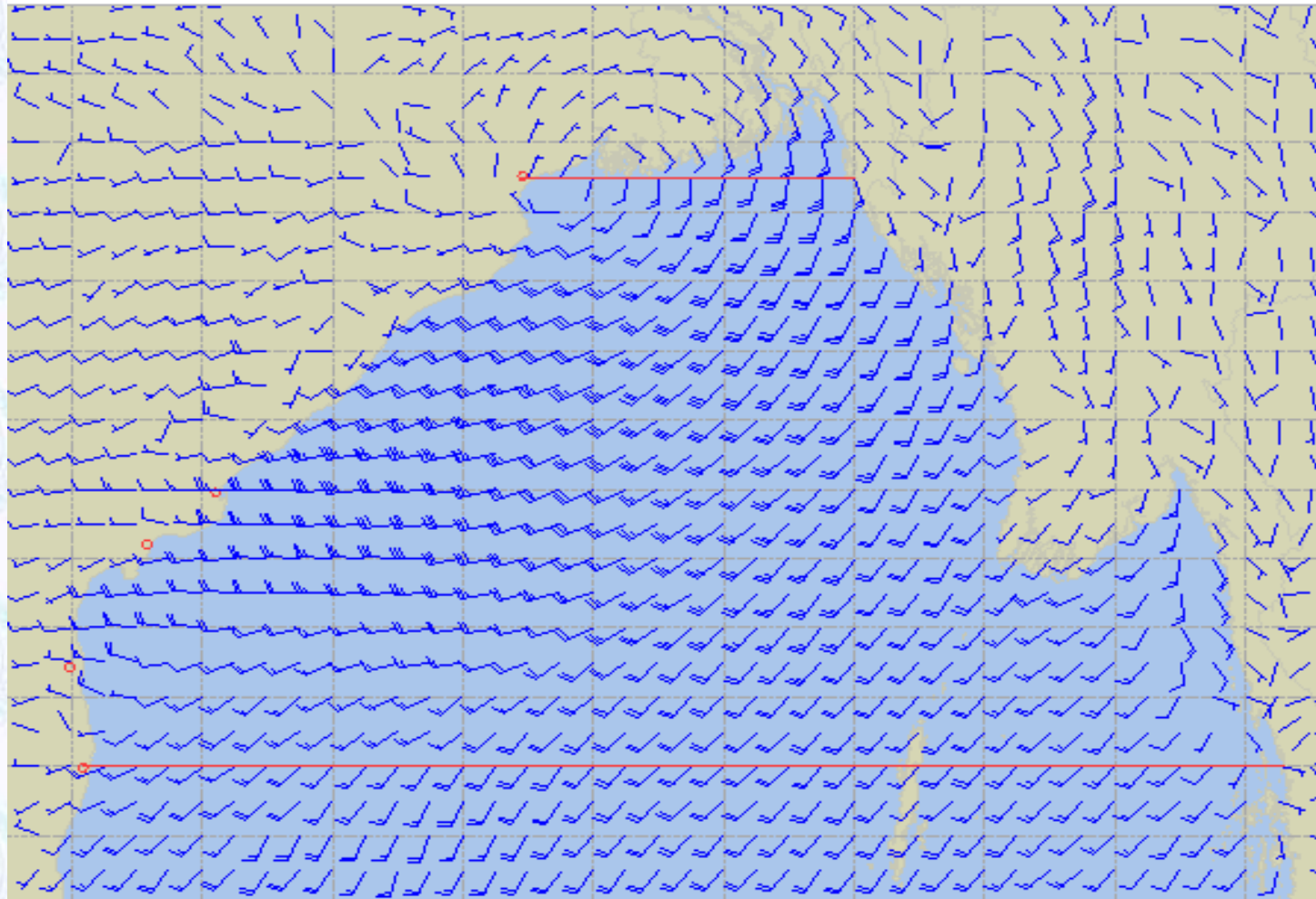
Inland River Port Warning (VALID TILL 06 PM OF 14.08.2020)

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, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, 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- 14 Aug- 2020



Legend:



Calm
Winds



5 Knots



10 Knots



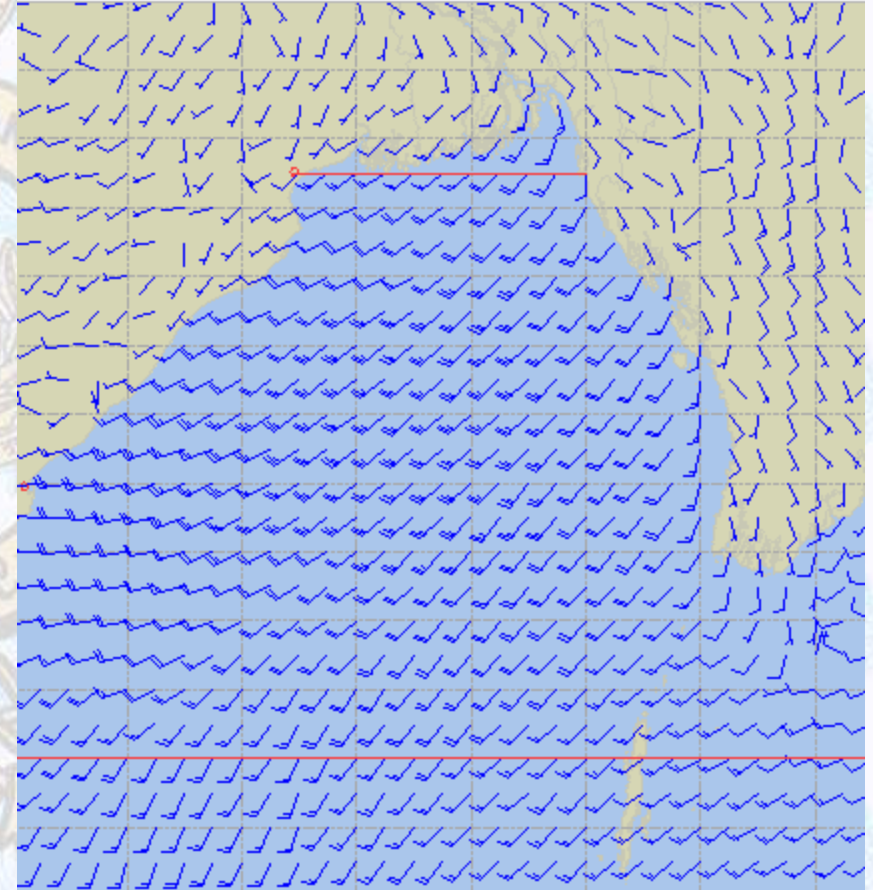
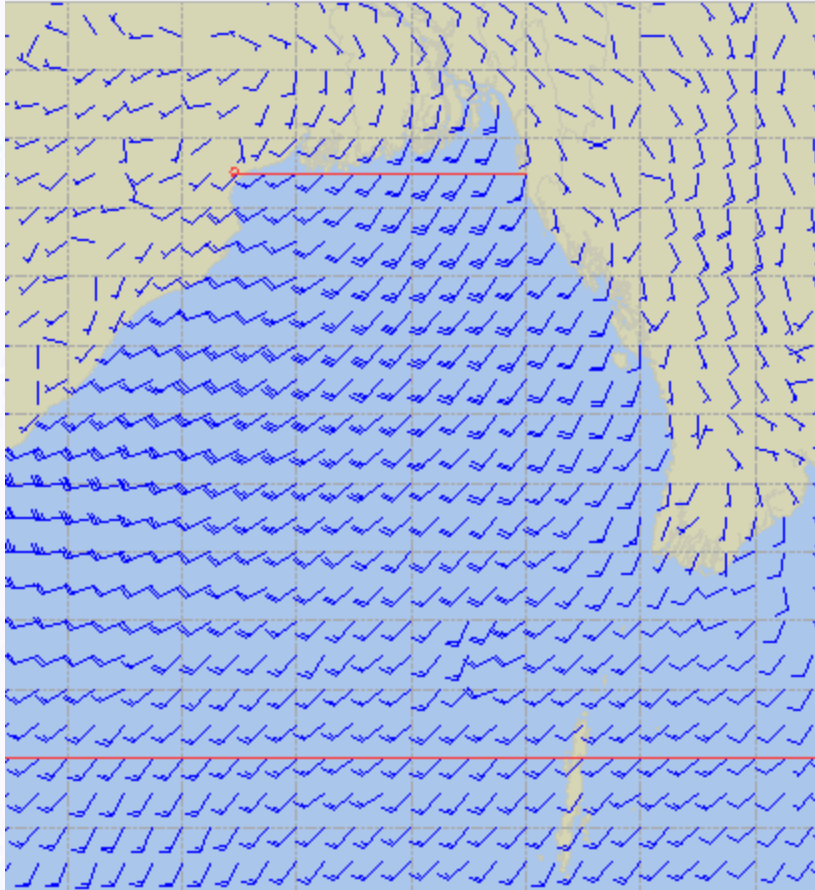
60 Knots



Surface Wind Forecast – 16 & 17 Aug - 2020

16 August 20 Sunday

17 August 20 Monday



Legend:



Calm
Winds



5 Knots



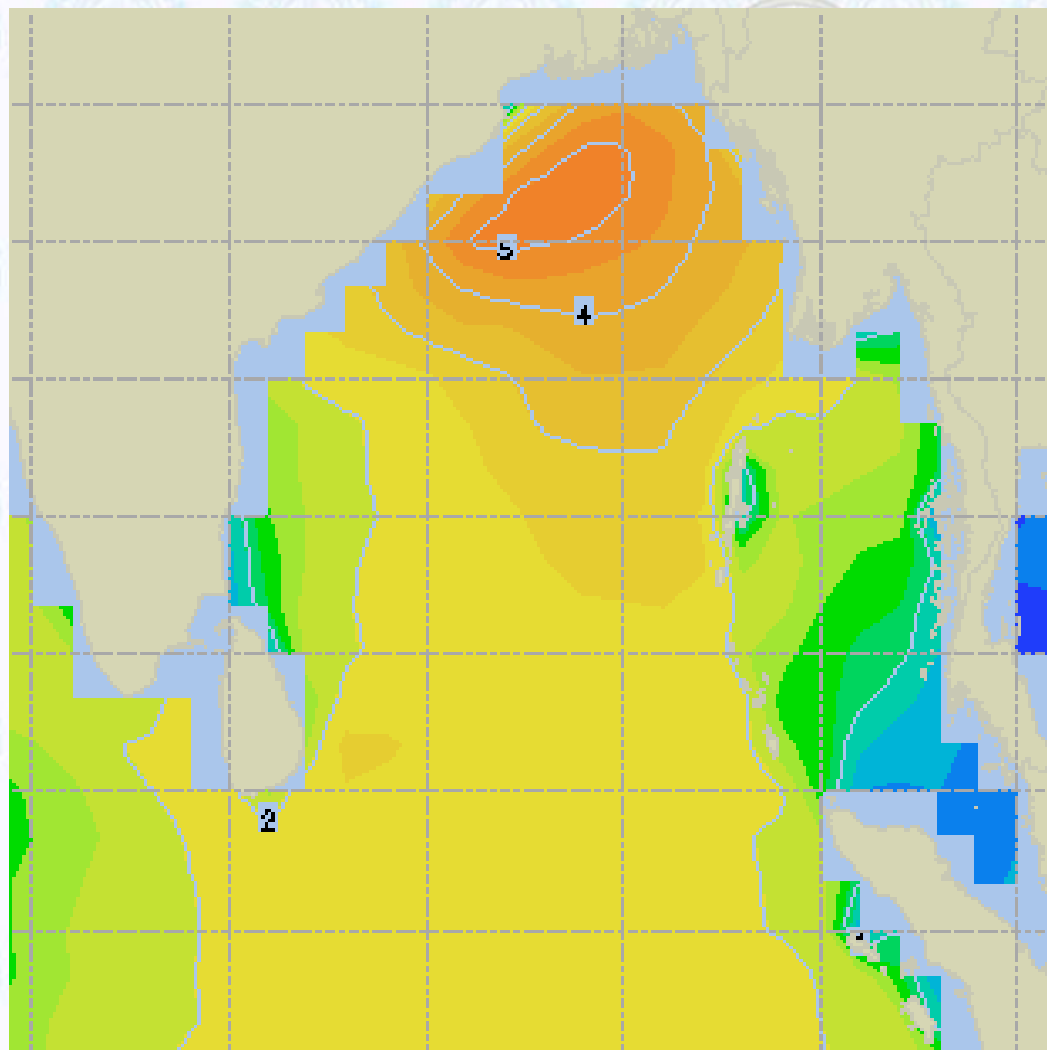
10 Knots



60 Knots



Sea State Forecast – 15 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

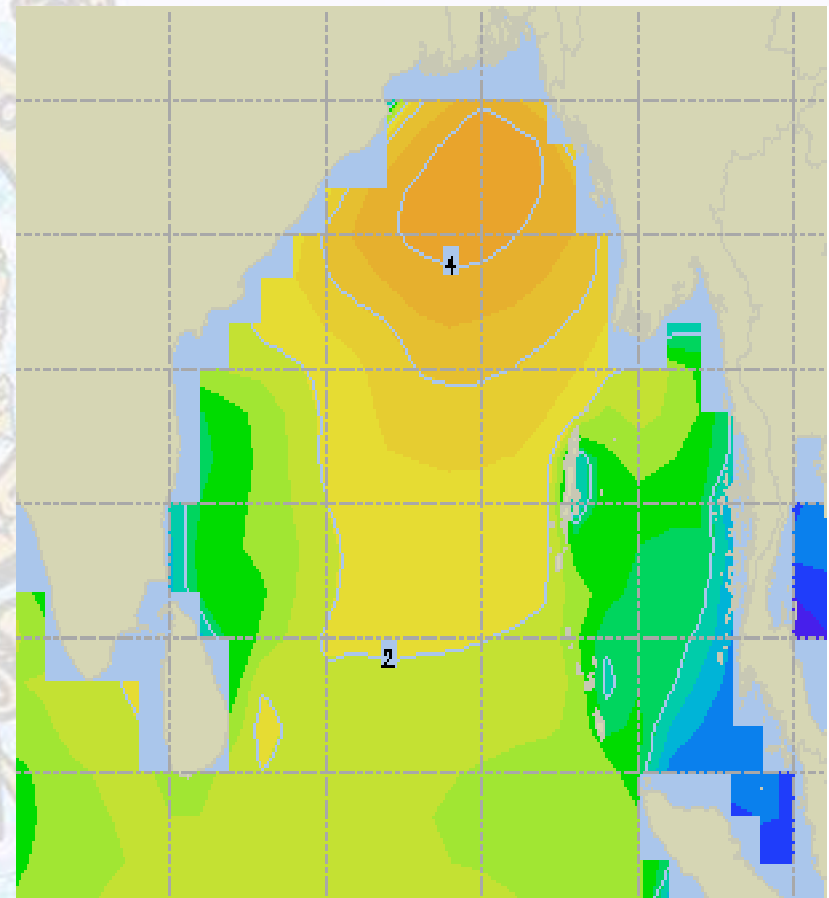
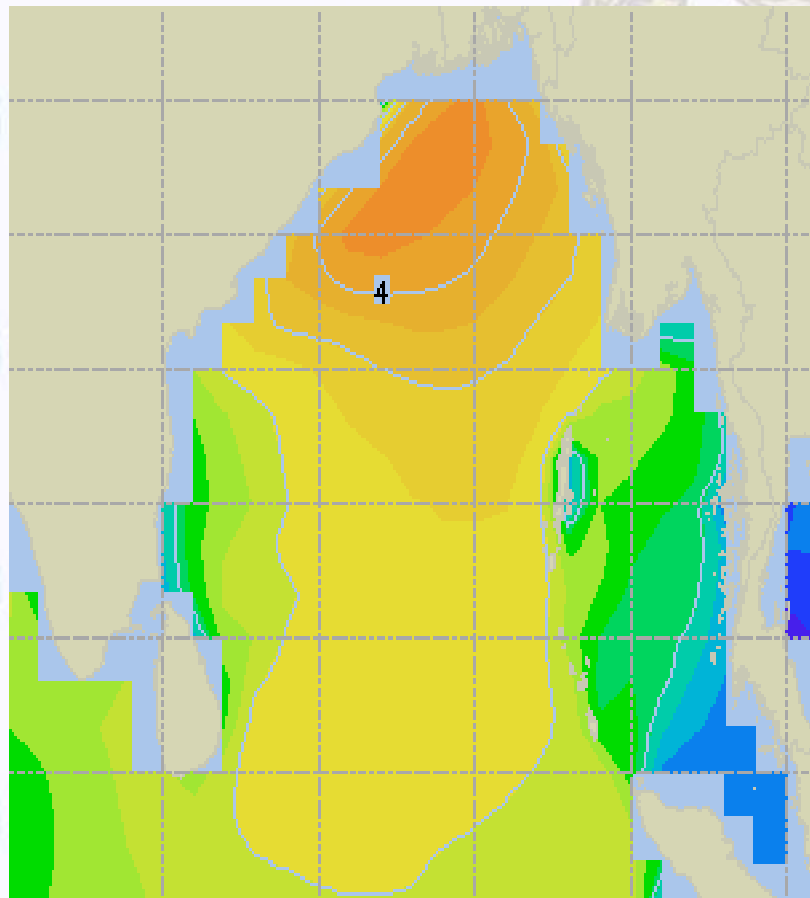




Sea State Forecast – 16 & 17 Aug - 2020

16 August 20 Sunday

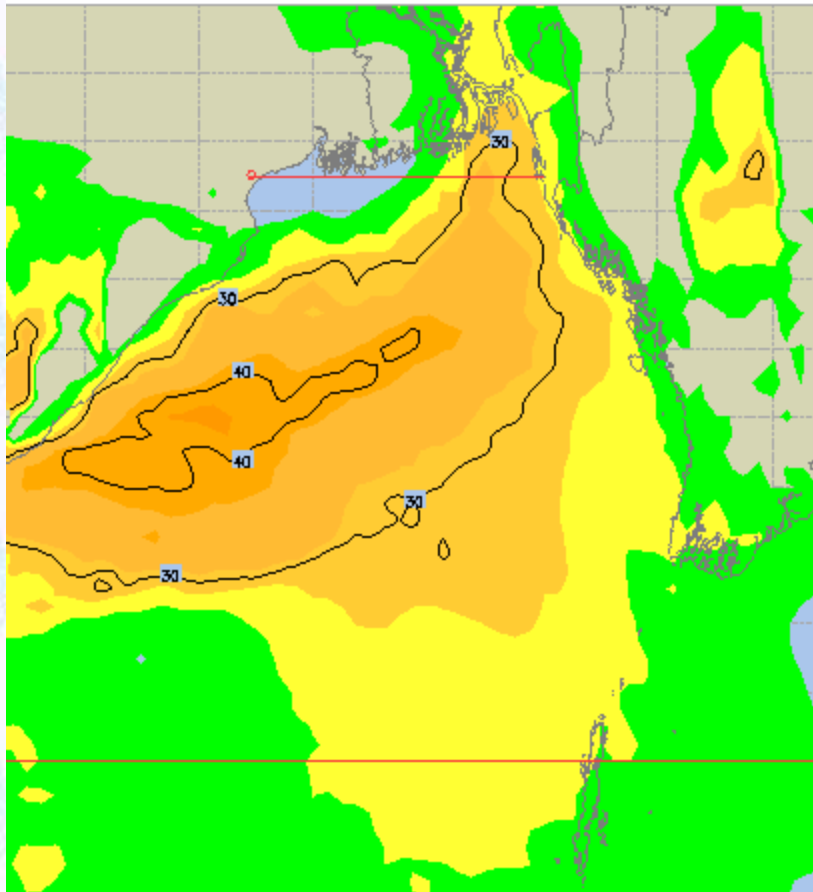
17 August 20 Monday



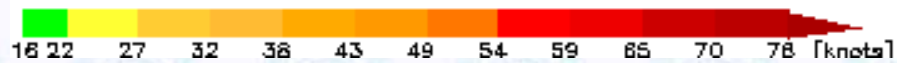
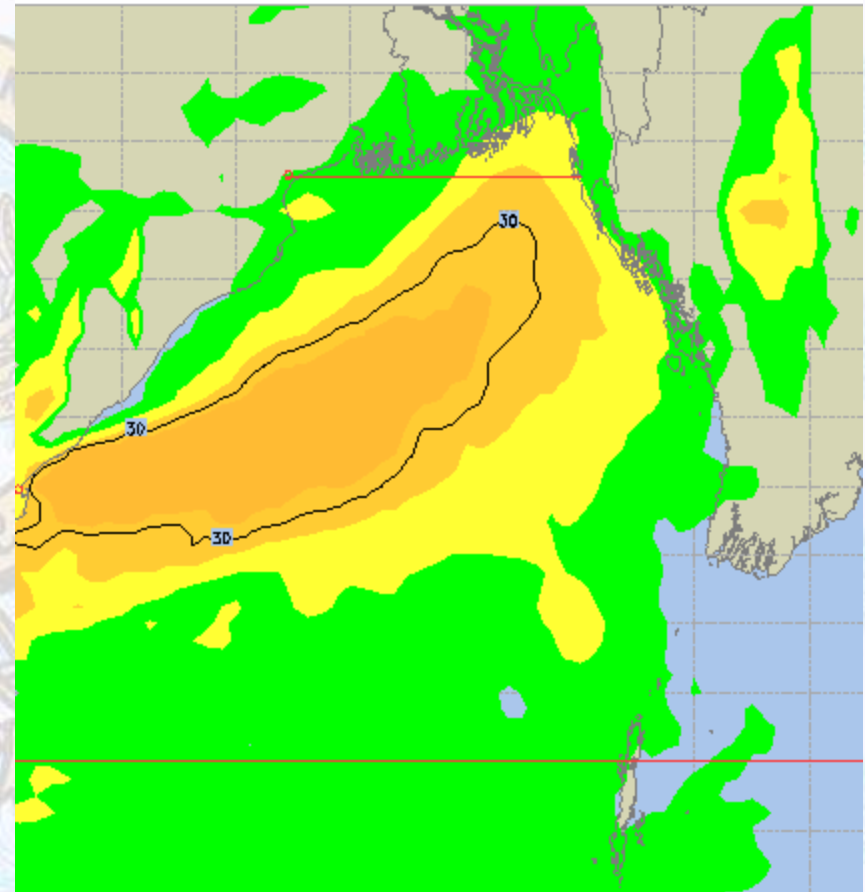


Peak Gusting Possibilities– 15 & 16 Aug 2020

15 August 20 Saturday



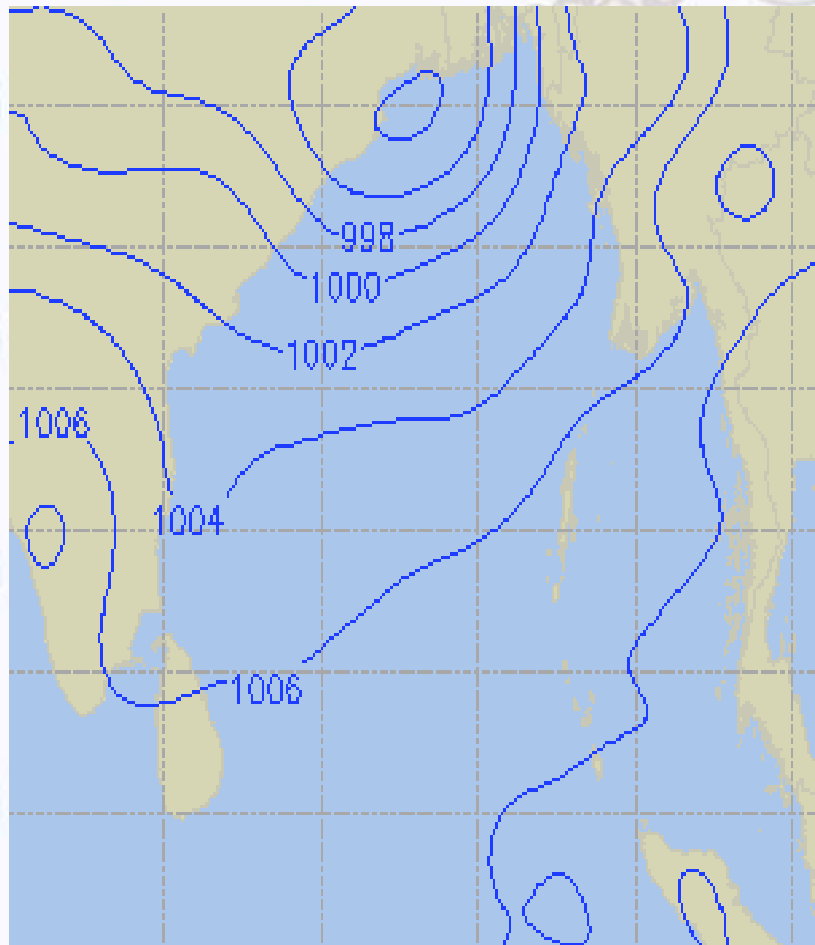
16 August 20 Sunday



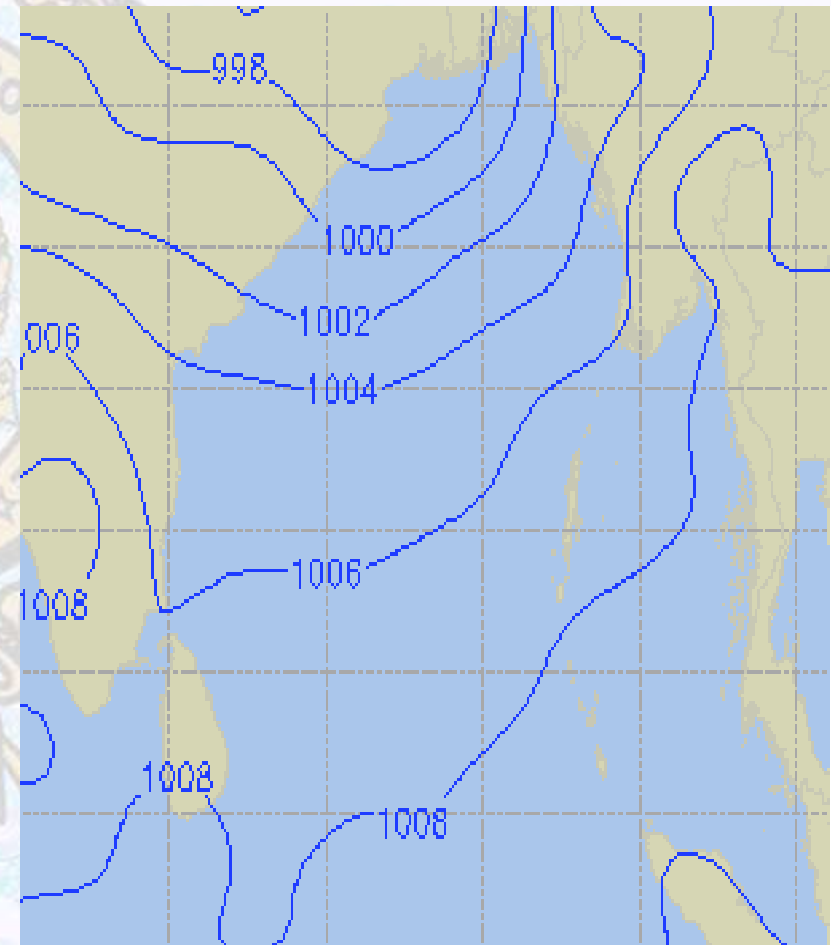


Surface Pressure forecast– 15 & 16 Aug 2020

15 August 20 Saturday



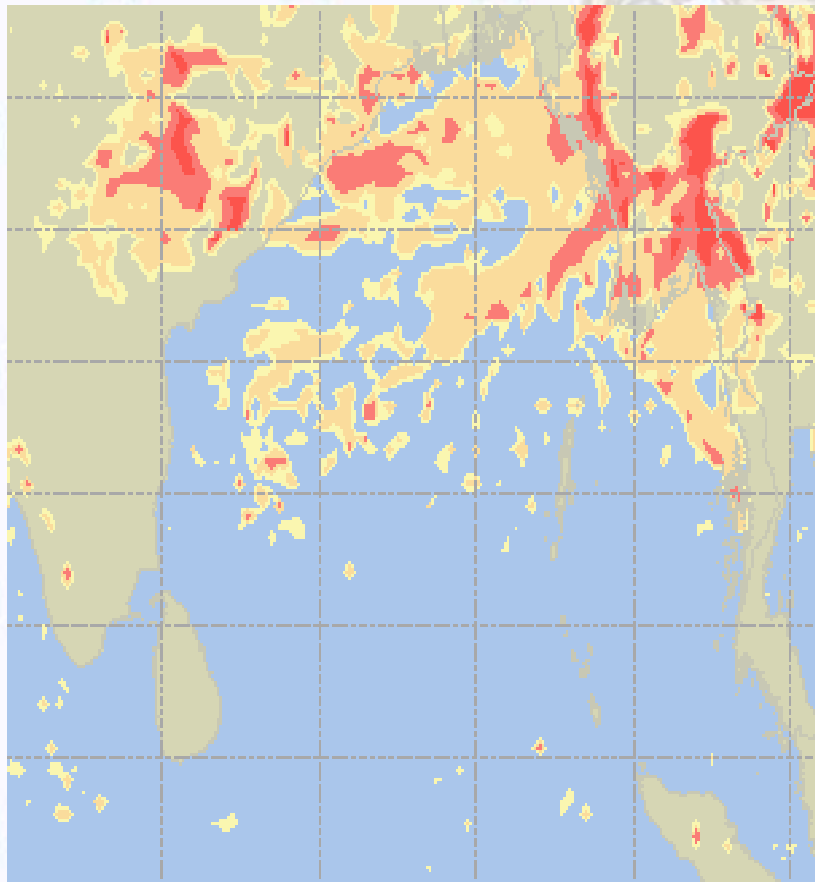
16 August 20 Sunday



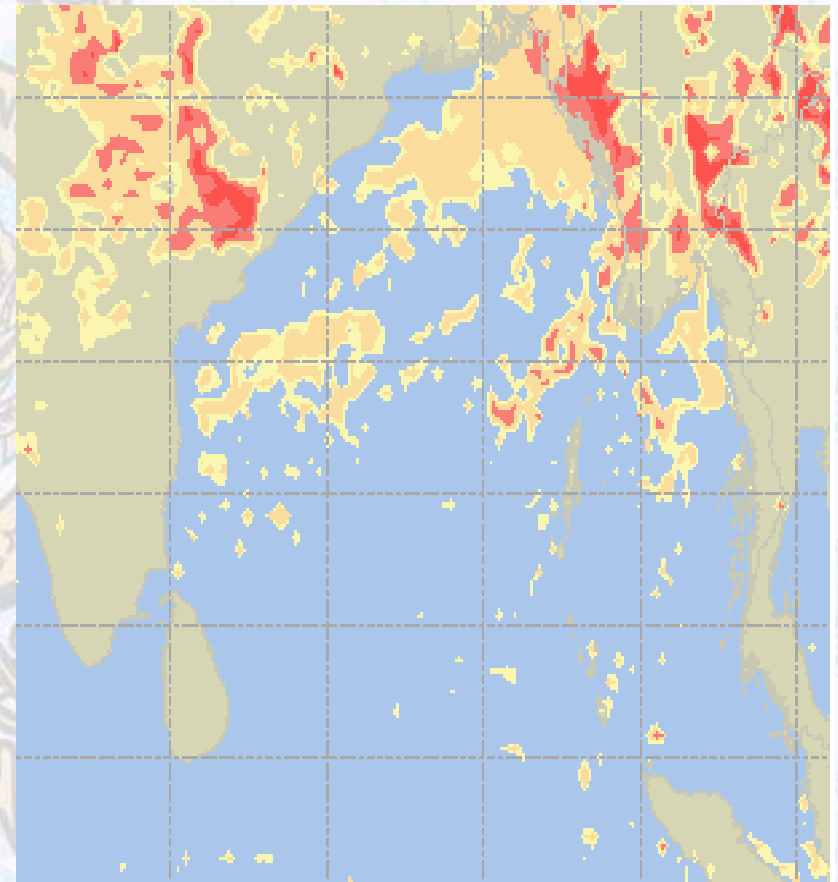


Visibility at Sea Forecast – 15 & 16 Aug 2020

15 August 20 Saturday



16 August 20 Sunday



Visibility Scale:



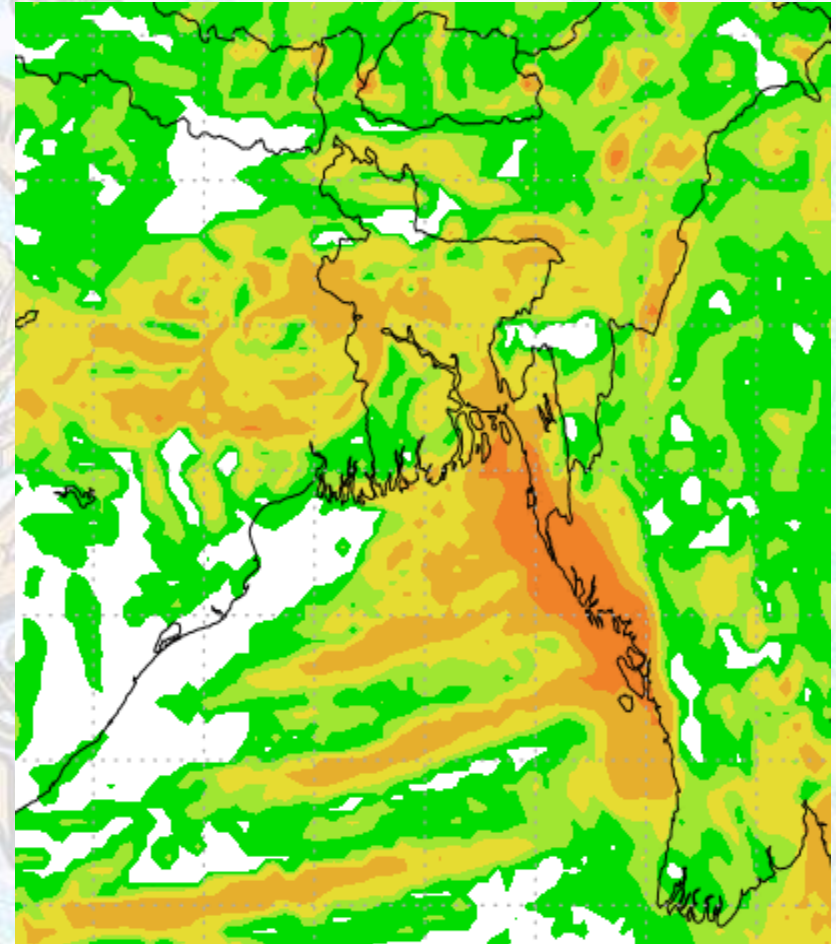
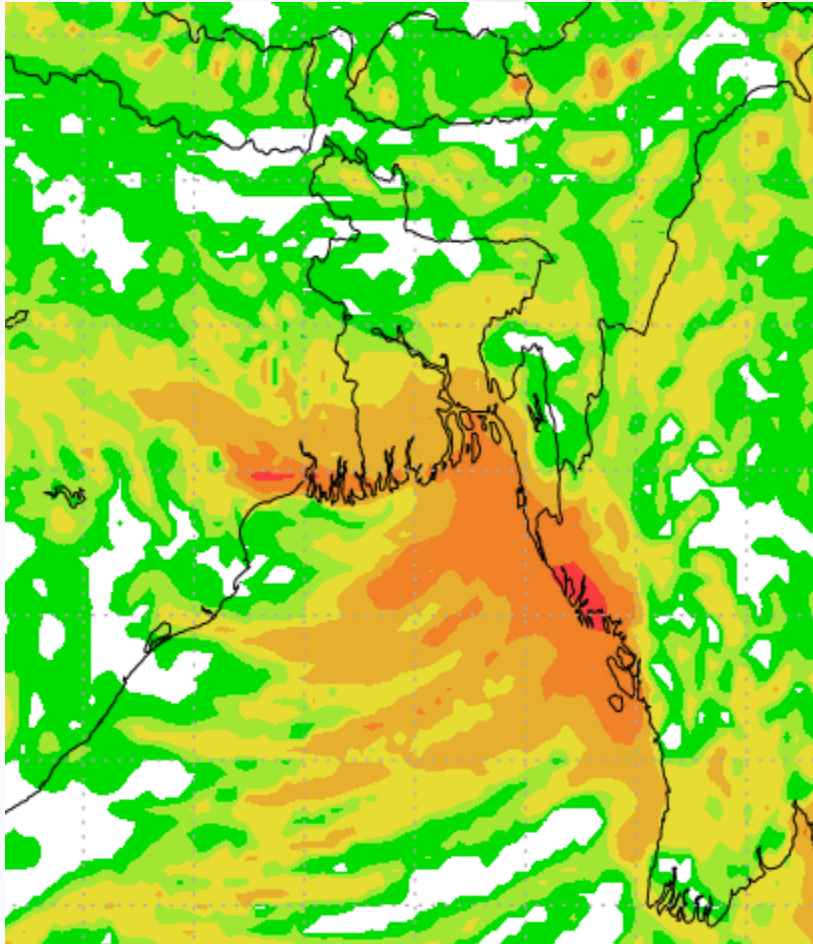
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 15 & 16 Aug 2020

Rain(mm) 16 & 17 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	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
	Time	Height		Time	Height		Time	Height
		0444		1.46			0234	1.42
16 Aug 2020	1053	4.48		0838	3.31		0824	3.05
	1740	1.34		1514	1.34		1504	1.45
	2331	4.50		2058	3.11		2054	2.81
	Time	Height		Time	Height		Time	Height
		0543		1.24			0329	1.26
17 Aug 2020	1142	5.10		0923	3.57		0915	3.23
	1829	1.13		1602	1.19		1552	1.23
	-	-		2140	3.35		2142	3.01