



WEATHER FORECAST FOR BN

15 AUG- 18 AUG 2020



WEATHER FORECAST – DHAKA

15.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 26	32 / 26	29 / 25	29 / 25
Wind	25 km/h SE	26 km/h SE	23 km/h SE	20 km/h SE
Humidity	78%	69%	78%	80%
Chance of Precip	17%	33%	44%	40%
Cloud Cover	85%	80%	90%	90%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 33 AM 6: 31 PM			

Conditions

Pressure : 998 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

15.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 26	28 / 26	28 / 26	28 / 26
Wind	25 km/h SSE	29 km/h SSE	29 km/h SSE	27 km/h SSE
Humidity	90%	82%	89%	90%
Chance of Precip.	36%	48%	75%	90%
Cloud Cover	90%	90%	90%	90%
Conditions	Rain	Rain	Rain	Rain
Sunrise	5: 29 AM			
Sunset	6: 24 PM			

Conditions

Pressure : 1000 hpa

Visibility : 4.27 Km

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



WEATHER FORECAST – KHULNA

15.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	30 / 27	29 / 27	29 / 27
Wind	23 km/h SSE	12 km/h SSE	17 km/h SSE	15 km/h SSE
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 : 8.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	16 August 2020	17 August 2020	18 August 2020
Temperature (C)	31 °C/ 27 °C	31 °C/ 27 °C	31 °C/ 26 °C
Summary	Light Rain	Light Rain	Rain
Sun Rise/Set	5h33m54s/18h31m00s	5h33m54s/18h31m00s	5h35m06s/18h29m18s
Day Length	12h57m06s	12h55m06s	12h54m12s
Moon Rise/ Set	2:24AM 4:25PM	3:23AM 5:20PM	4:26AM 6:10PM
Moon Phase/ illu	Waning Crescent, 7%	Waning Crescent, 2%	Waning Crescent, 0%
NauticalTwilight	0442,1923	0442,1923	0442,1923
Civil Twilight	0511,1855	0511,1855	0511,1855
Humidity	D : 80% N : 85%	D : 79% N : 85%	D : 81% N : 87%
Barometer (mb)	999	999	1000
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	80%	100%
Wind (mph)	23 Km/h SE	21 Km/h SSE	17 Km/h SSE

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	16 August 2020	17 August 2020	18 August 2020
Temperature (C)	29 °C/ 26 °C	29 °C/ 26 °C	29 °C/ 25 °C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h30m00s/18h23m30s	5h30m00s/18h23m30s	5h31m06s/18h21m48s
Day Length	12h53m23s	12h52m23s	12h50m42s
Moon Rise/ Set	2:21AM 4:16PM	3:20AM 5:11PM	4:22AM 6:02PM
Moon Phase/ illu	Waning Crescent, 7%	Waning Crescent, 2%	Waning Crescent, 0%
Nautical Twilight	0438, 1917	0438, 1917	0438, 1917
Civil Twilight	0504, 1848	0504, 1848	0504, 1848
Humidity	D : 88% N : 91%	D : 89% N : 93%	D : 90% N : 93%
Barometer (mb)	1001	1002	1002
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	100%
Wind (mph)	28 Km/h SSE	25 Km/h S	21 Km/h SSE

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



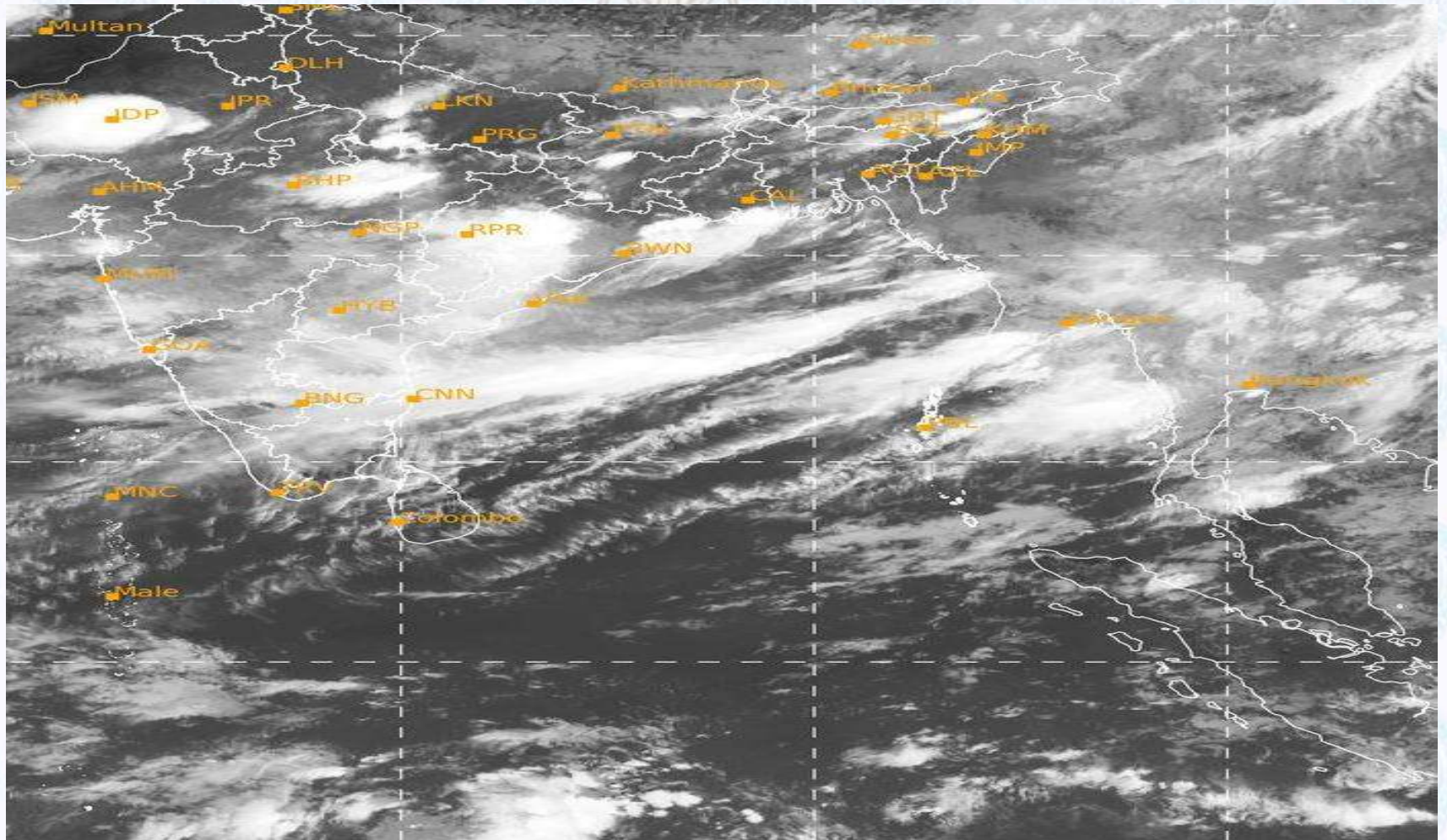
GENERAL WEATHER FORECAST – KHULNA

Description	16 August 2020	17 August 2020	18 August 2020
Temperature(C)	31°C/ 27°C	31°C/ 27°C	31°C/ 27°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h38m30s/18h33m12s	5h38m30s/18h33m12s	5h39m42s/18h31m36s
Day Length	12h54m42s	12h54m42s	12h51m54s
Moon Rise/Set	2:31AM 4:27PM	3:30AM 5:22PM	4:32AM 6:12PM
Moon Phase/illu	Waning Crescent, 7%	Waning Crescent, 2%	Waning Crescent, 0%
Nautical Twilight	0447, 1924	0447, 1924	0447, 1924
Civil Twilight	0515, 1857	0515, 1857	0515, 1857
Humidity	D : 85% N : 91%	D : 87% N : 92%	D : 88% N : 94%
Barometer (mb)	997	998	999
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	90%
Wind (mph)	19 km/h S	18 km/h S	14 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

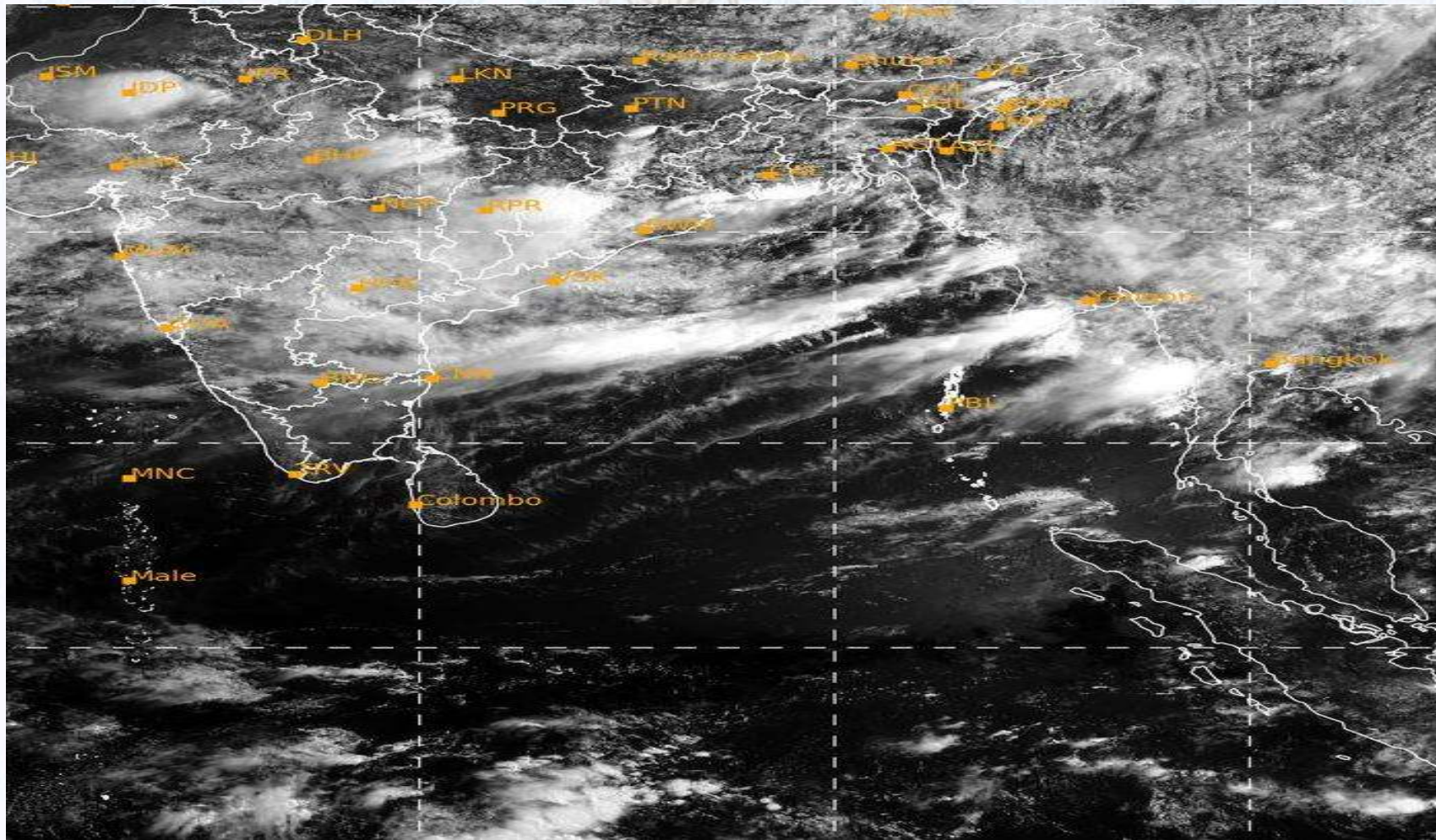


15/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



15/08/2020, 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 15.08.2020)

Part One	WARNING BAY OF BENGAL..	
Part Two	THE LOW PRESSURE AREA OVER NORTHWEST BAY AND ADJOINING NORTH ODISHA-GANGETIC WEST BENGAL COAST INTENSIFIED INTO A WELL-MARKED LOW OVER THE SAME AREA. UNDER ITS INFLUENCE, STRONG MONSOON AND STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY.	
Part Three	Weather	RAIN/T. SHOWERS OVER AREA C-90.
	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 15.08.2020)**

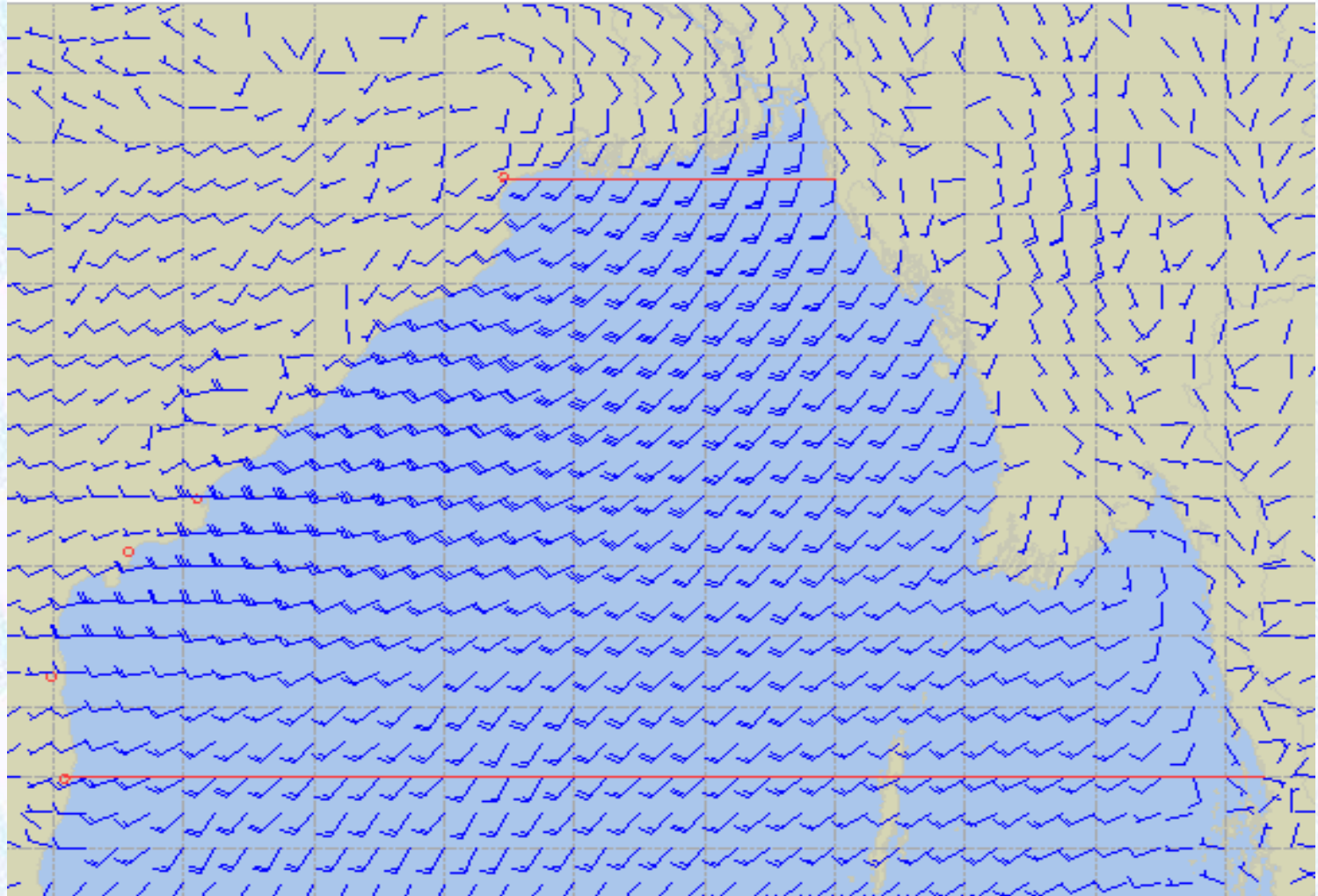
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **SOUTH- /SOUTH- EASTERLY**, SQUALLS SPEED **60-80** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF KHULNA, BARISAL, PATUAKHALI, COMILLA, NOAKHALI AND CHATTOGRAM WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. **TWO (R) TWO**.

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH /SOUTH- EASTERLY**, GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR ELSEWHERE OVER THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 16 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



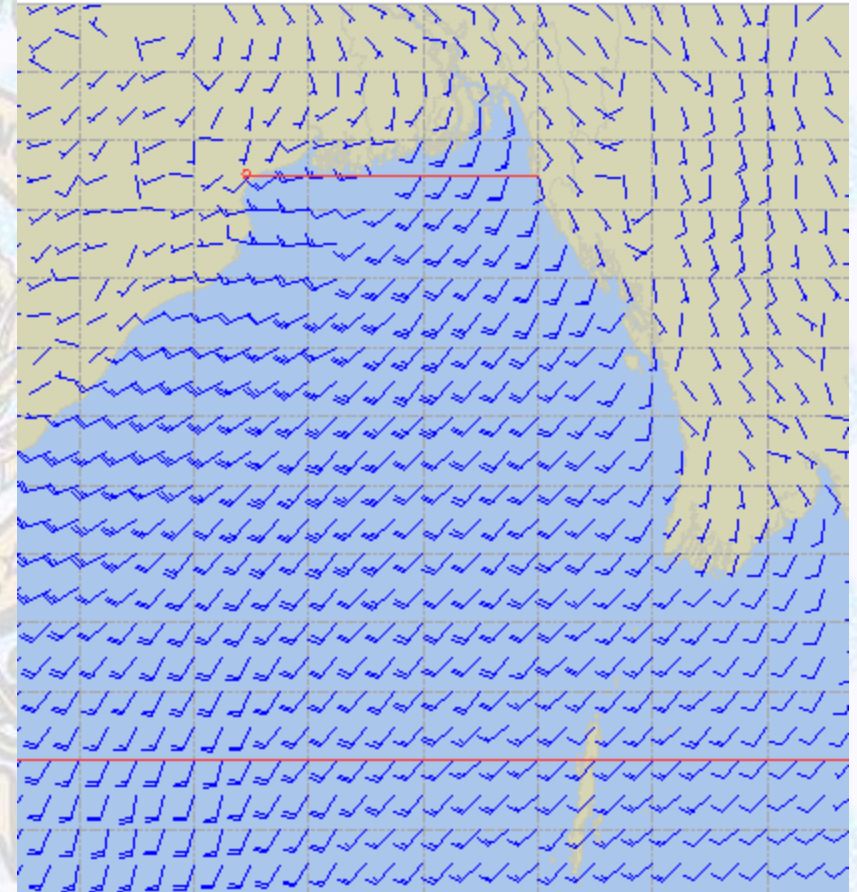
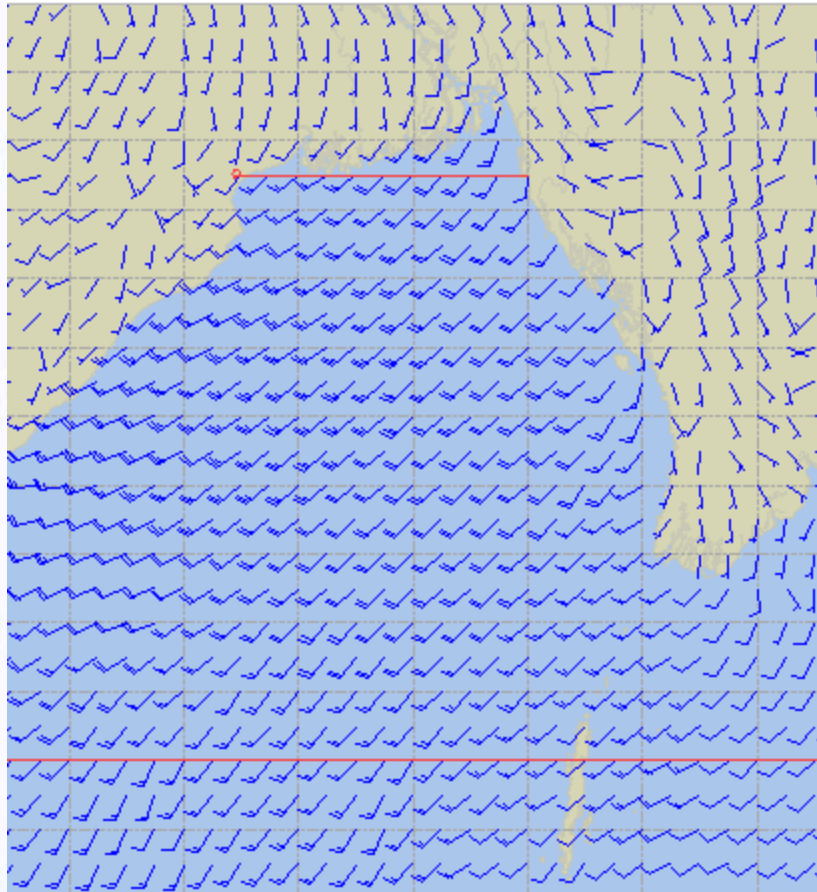
60 Knots



Surface Wind Forecast – 17 & 18 Aug - 2020

17 August 20 Monday

18 August 20 Tuesday



Legend:



**Calm
Winds**



5 Knots



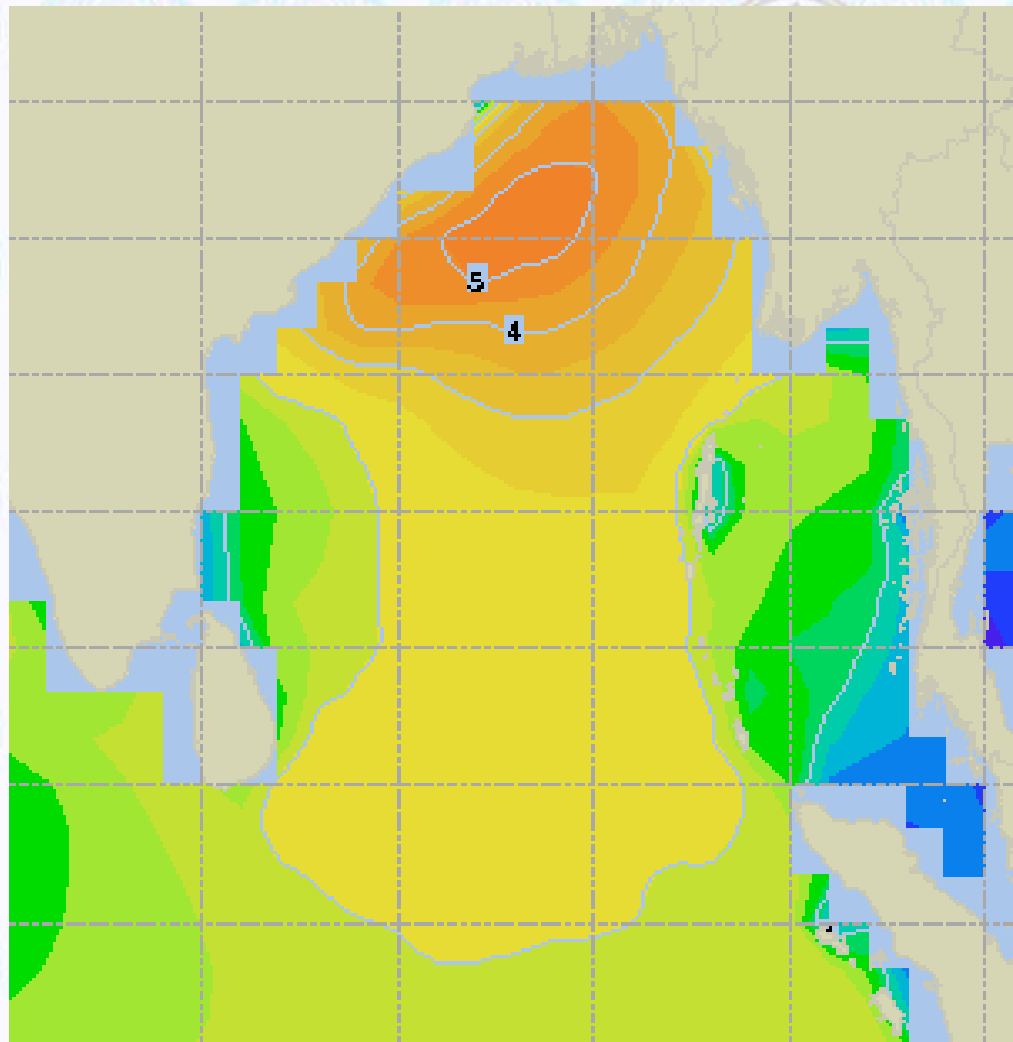
10 Knots



60 Knots



Sea State Forecast – 16 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

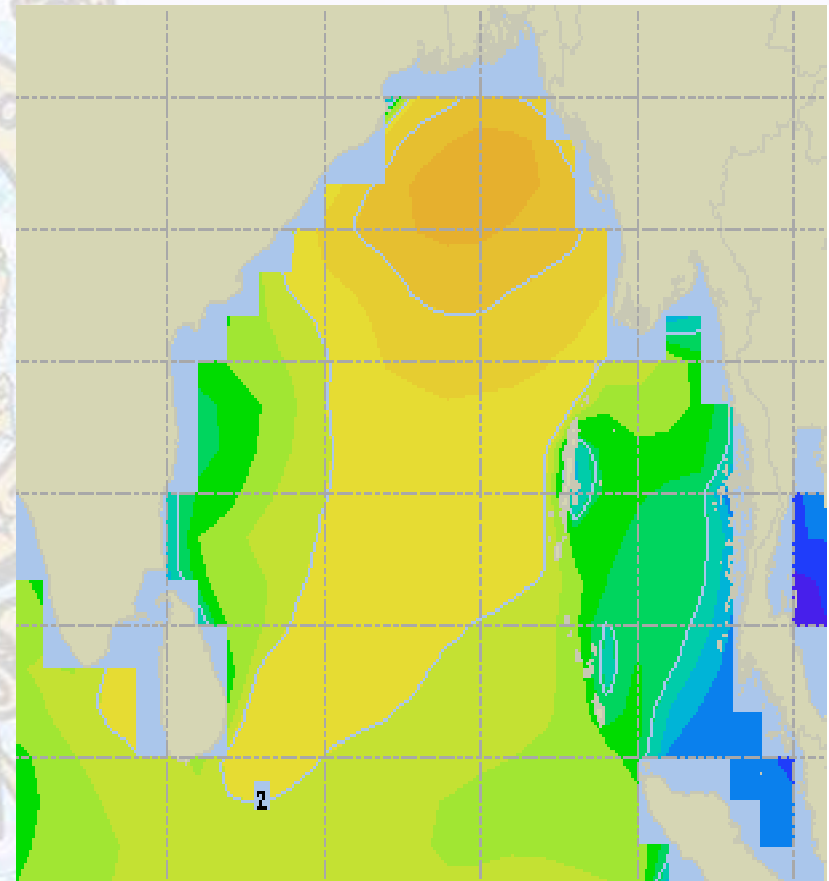
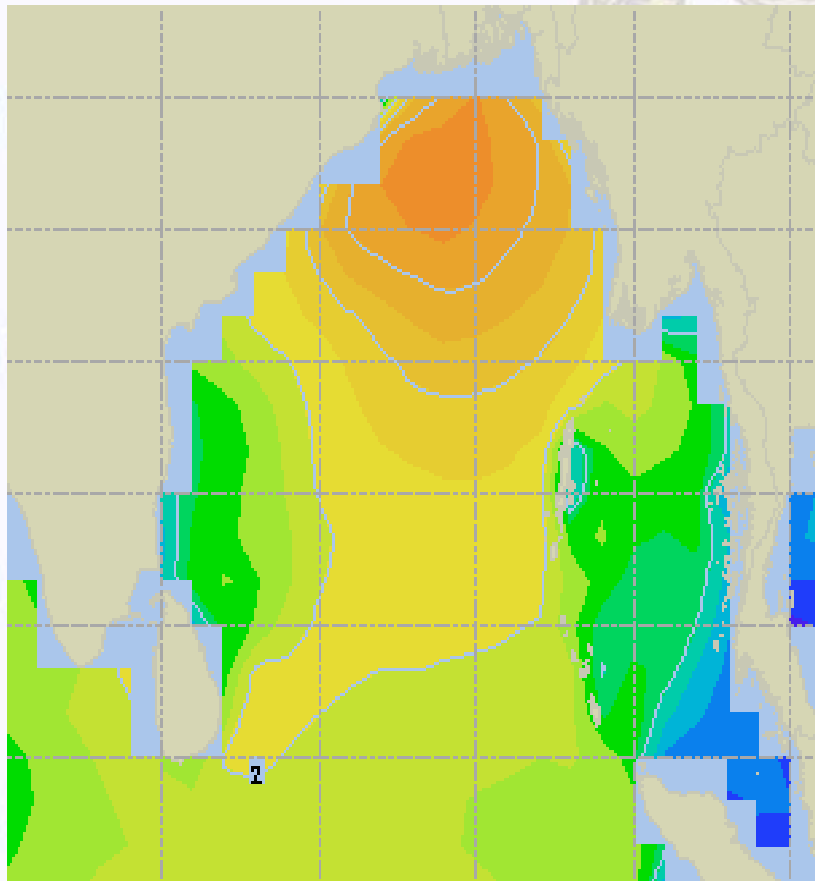




Sea State Forecast – 17 & 18 Aug - 2020

17 August 20 Monday

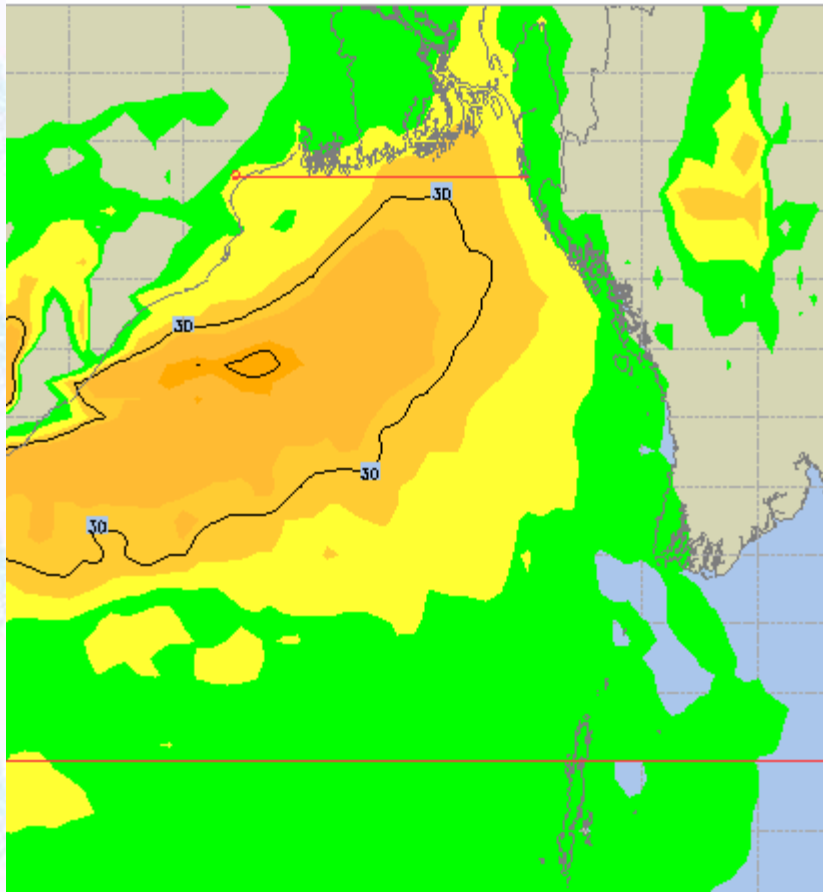
18 August 20 Tuesday



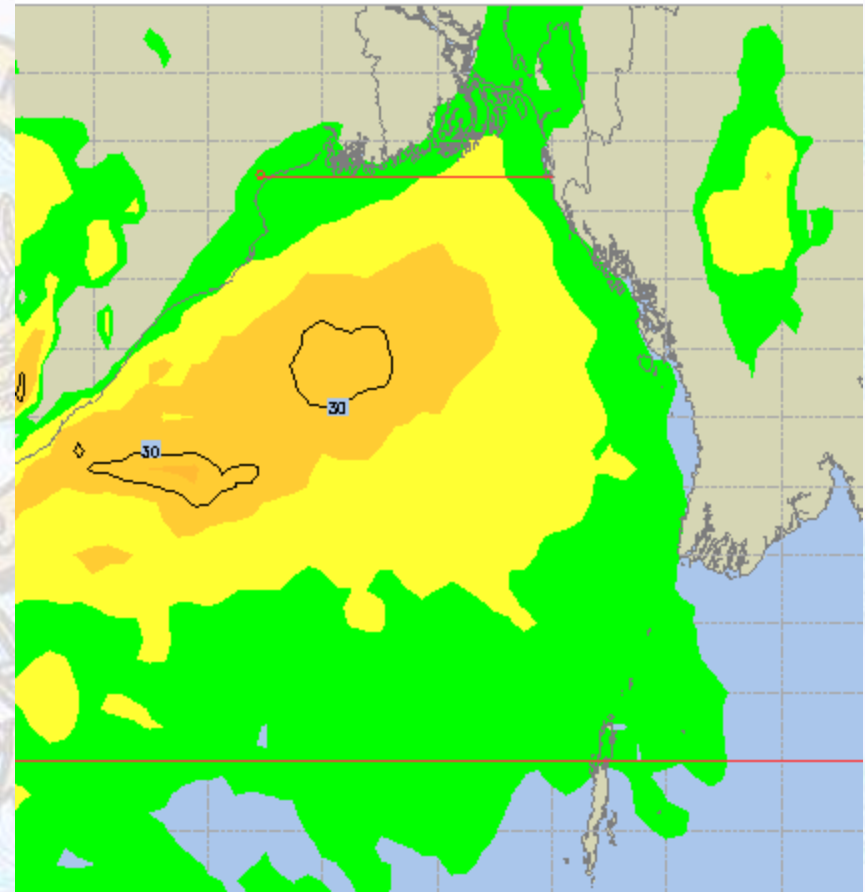


Peak Gusting Possibilities– 16 & 17 Aug 2020

16 August 20 Sunday



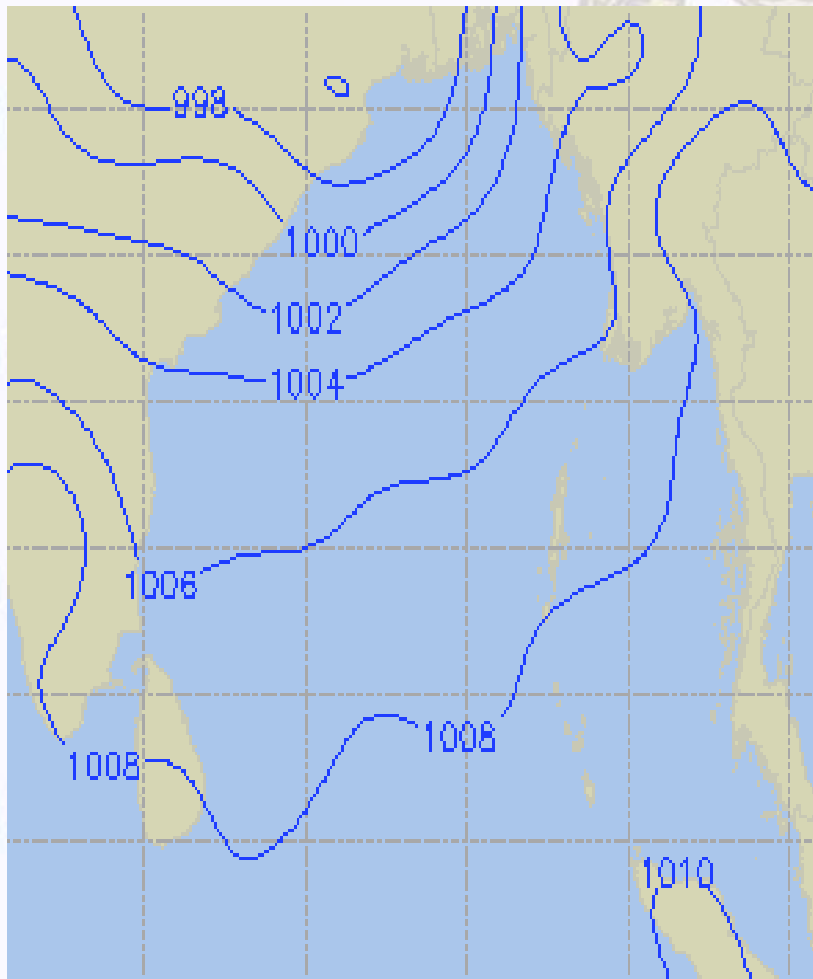
17 August 20 Monday



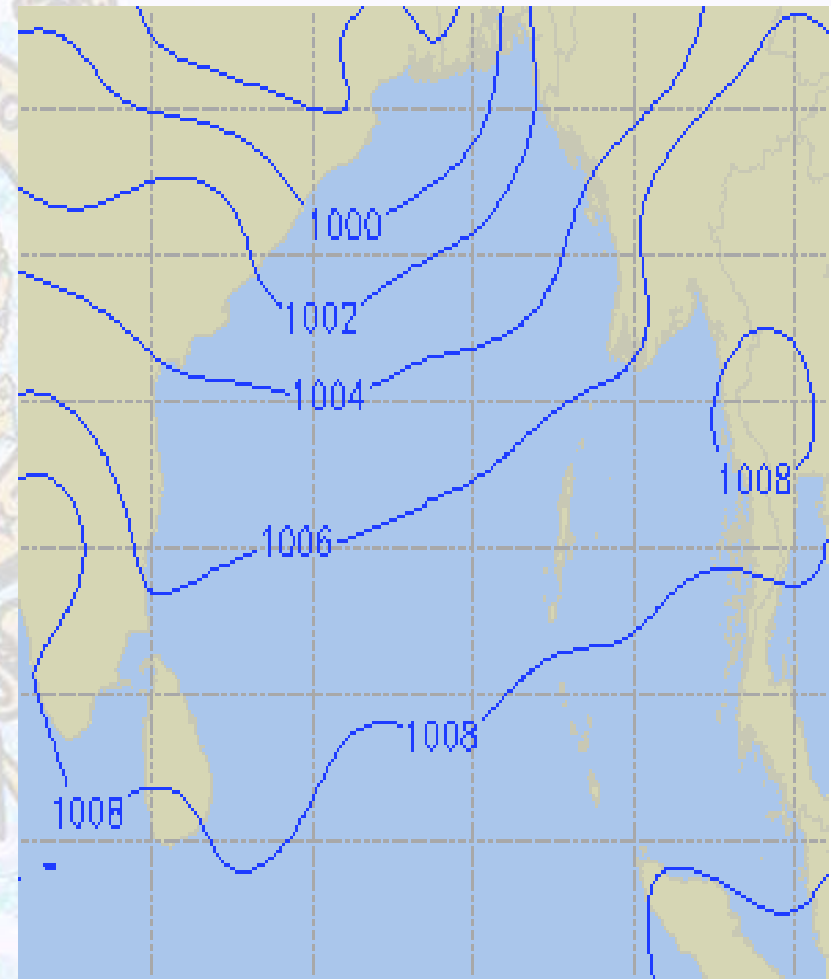


Surface Pressure forecast– 16 & 17 Aug 2020

16 August 20 Sunday



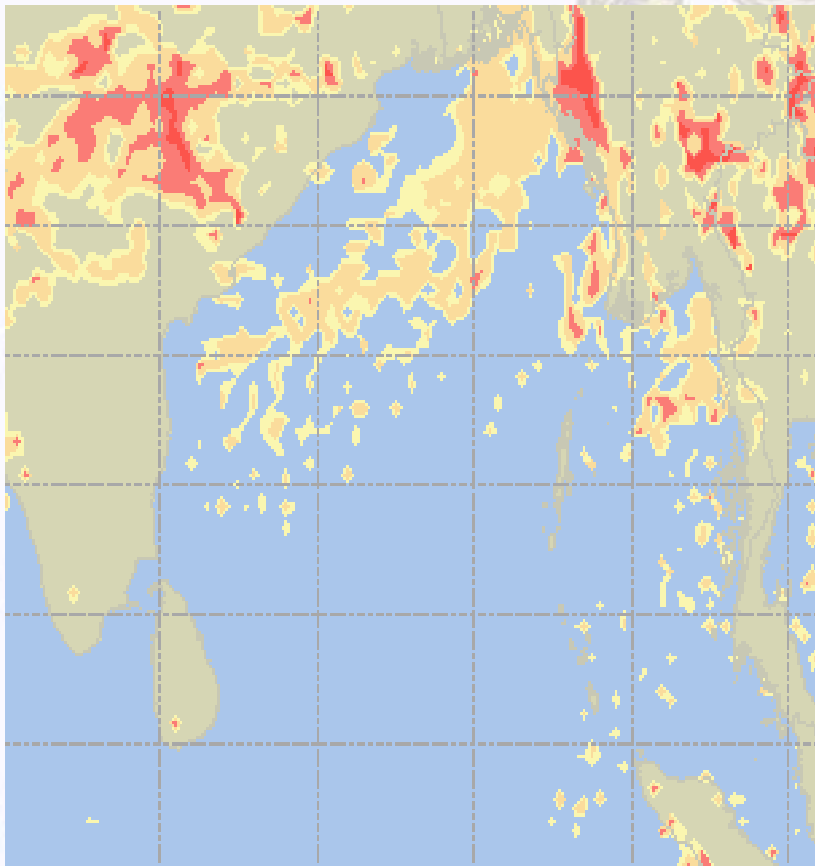
17 August 20 Monday



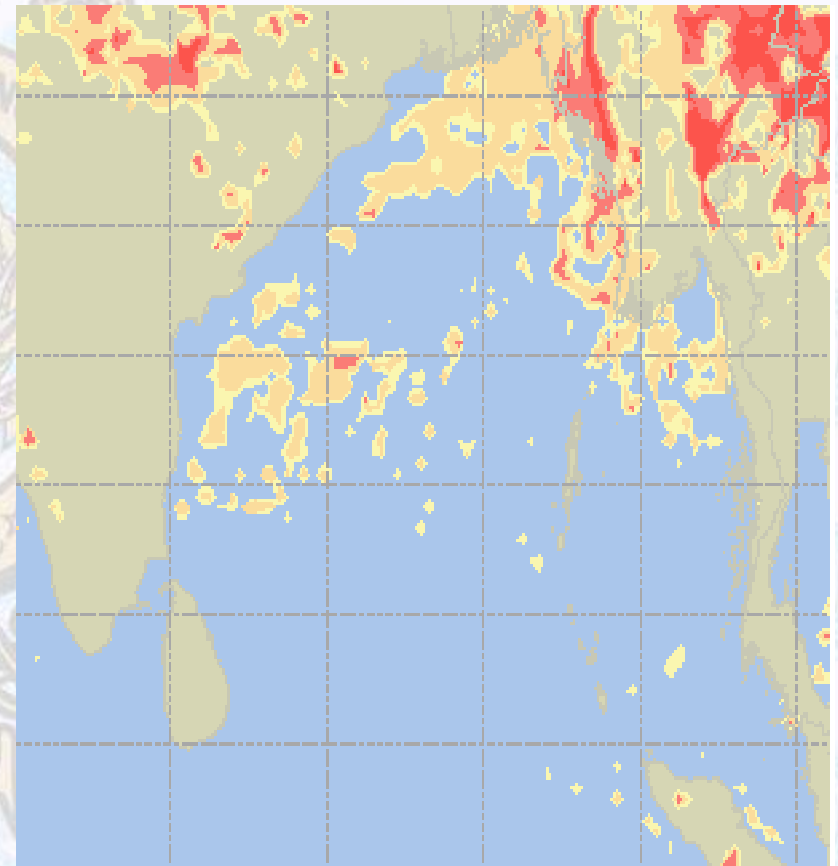


Visibility at Sea Forecast – 15 & 16 Aug 2020

16 August 20 Sunday



17 August 20 Monday



Visibility Scale:

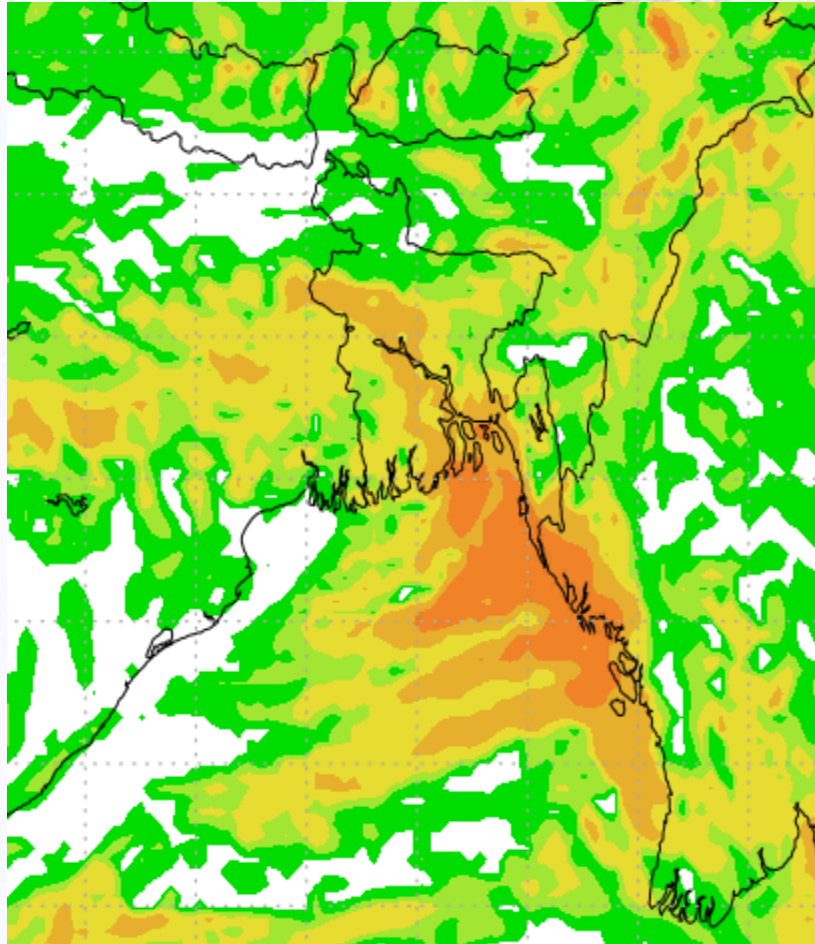


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

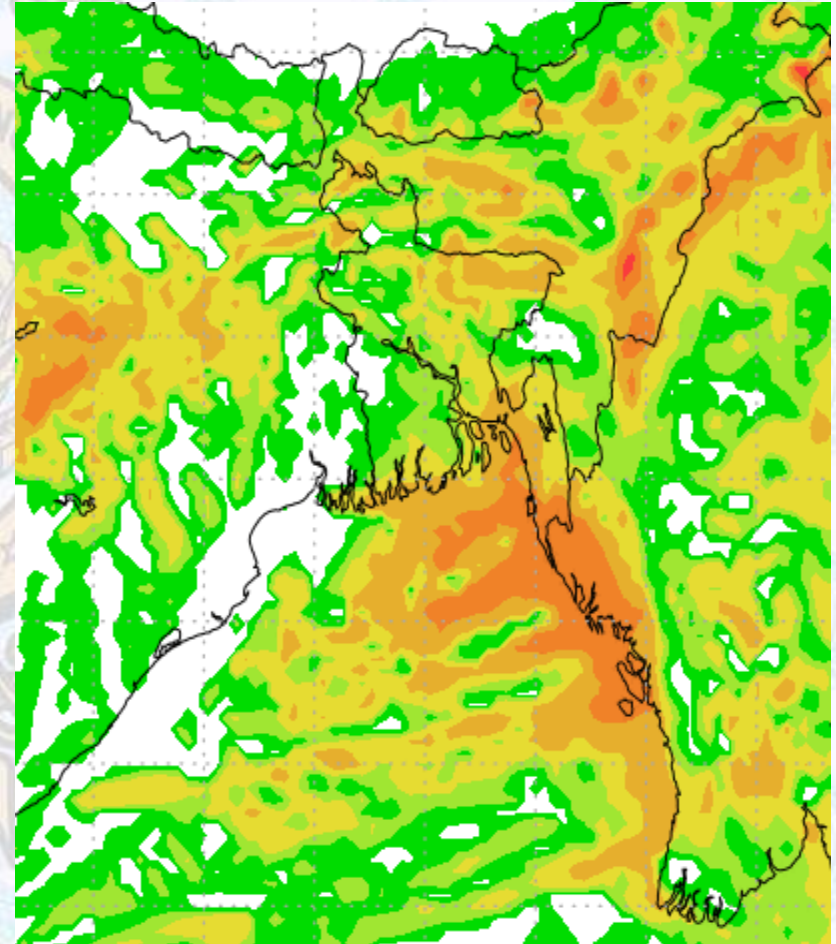


Precipitation

Rain(mm) 16 & 17 Aug 2020



Rain(mm) 17 & 18 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	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
17 Aug 2020	Time	Height	Time	Height	Time	Height		
	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	Time	Height	Time	Height	Time	Height		
	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		