



WEATHER FORECAST FOR BN

24 JULY - 27 JULY 2020



WEATHER FORECAST – DHAKA

24.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 25	30 / 25	28 / 25	28 / 25
Wind	14 km/h SSE	15 km/h SSE	8 km/h SSE	8 km/h SE
Humidity	79%	77%	83%	86%
Chance of Precip	40%	24%	32%	25%
Cloud Cover	94%	93%	85%	85%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 24 AM			
Sunset	6: 45 PM			

Conditions

Pressure : 1006 hpa

Visibility : 11.44 km

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



WEATHER FORECAST – CHATTOGRAM

24.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	30 / 26	28 / 26	27 / 26
Wind	14 km/h SSW	14 km/h SSW	7 km/h S	5 km/h SE
Humidity	83%	81%	88%	93%
Chance of Precip.	16%	14%	24%	33%
Cloud Cover	68%	68%	62%	62%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy/Light Rain
Sunrise Sunset	5: 21 AM 6: 37 PM			

Conditions

Pressure : 1009 hpa

Visibility : 6.44 Km

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



WEATHER FORECAST – KHULNA

24.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	31 / 27	28 / 27	28 / 26
Wind	14 km/h S	15 km/h S	8 km/h SSW	8 km/h SSE
Humidity	87%	81%	90%	93%
Chance of Precip.	43%	16%	11%	8%
Cloud Cover	89%	87%	76%	68%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 29 AM 6: 47 PM			

Conditions

Pressure : 1006 hpa

Visibility : 14.44 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	25 July 2020	26 July 2020	27 July 2020
Temperature (C)	34 °C/ 27 °C	34 °C/ 27 °C	32 °C/ 27 °C
Summary	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sun Rise/Set	5h24m42s/18h45m06s	5h25m12s/18h44m30s	5h25m42s/18h43m54s
Day Length	13h20m24s	13h19m18s	13h18m12s
Moon Rise/ Set	9:51 PM 10:25 AM	10:52 PM 11:04 AM	1:53AM 11:44PM
Moon Phase/ illu	Waxing Crescent, 32%	Waxing Crescent, 43%	First Quarter, 55%
NauticalTwilight	0431,1938	0431,1937	0431,1937
Civil Twilight	0500,1909	0500,1908	0500,1908
Humidity	D : 70% N : 82%	D : 69% N : 81%	D : 74% N : 84%
Barometer (mb)	1006	1006	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	40%	20%	80%
Wind (mph)	10 Km/h SSW	10 Km/h SW	9 Km/h SW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	25 July 2020	26 July 2020	27 July 2020
Temperature (C)	30 °C/ 26 °C	31 °C/ 26 °C	30 °C/ 27 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h21m36s/18h36m42s	5h22m06s/18h36m12s	5h22m36s/18h35m36s
Day Length	13h15m06s	13h14m06s	13h14m06s
Moon Rise/ Set	9:46 PM 10:18 AM	10:45 PM 10:58 AM	11:56AM 11:49PM
Moon Phase/ illu	Waxing Crescent, 31%	Waxing Crescent, 43%	First Quarter, 55%
Nautical Twilight	0428, 1929	0429, 1928	0429, 1928
Civil Twilight	0457, 1900	0458, 1900	0458, 1900
Humidity	D : 84% N : 91%	D : 82% N : 91%	D : 84% N : 91%
Barometer (mb)	1007	1007	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	20%	20%	60%
Wind (mph)	8 Km/h WSW	9 Km/h WNW	6 Km/h W

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



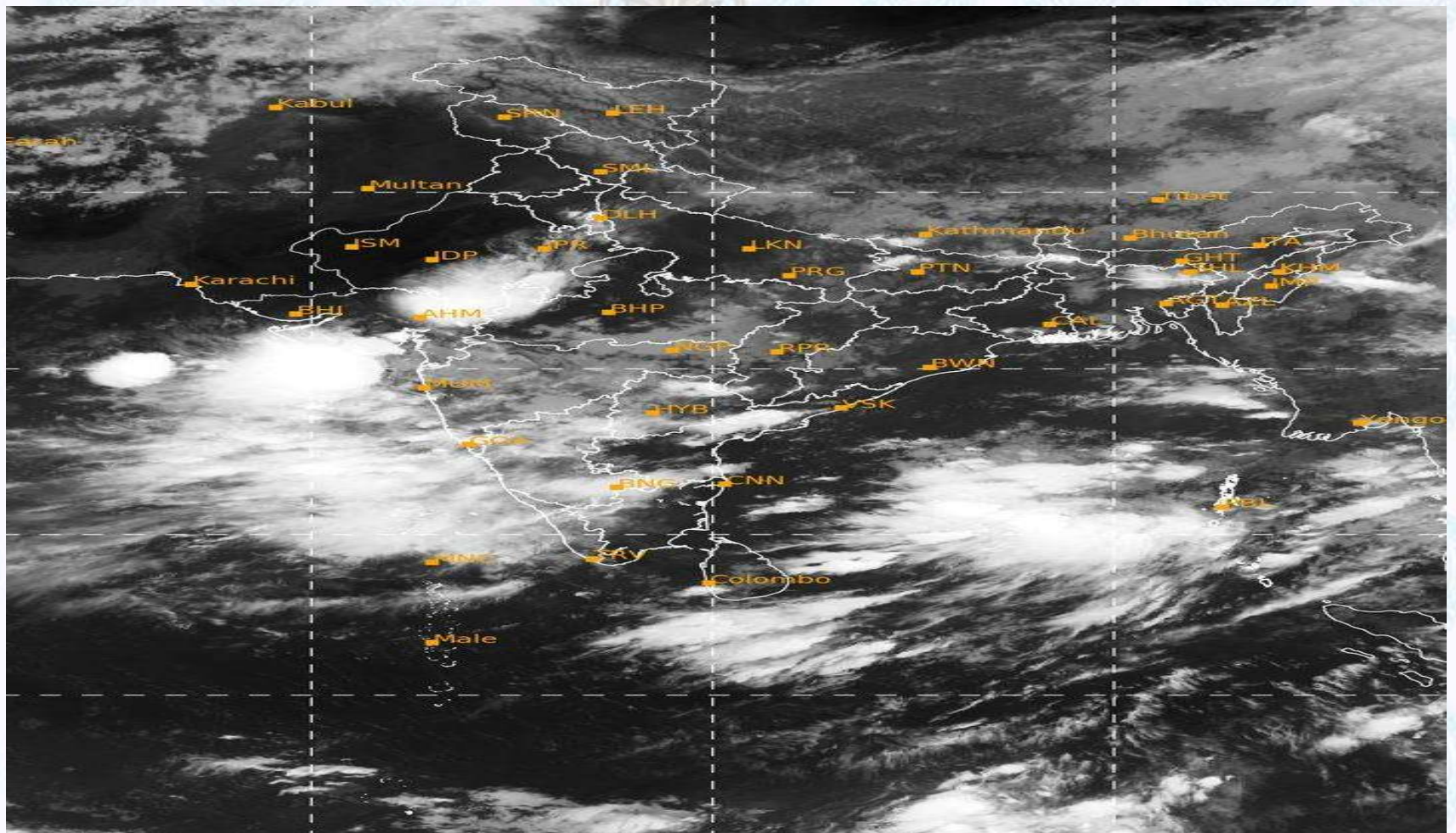
GENERAL WEATHER FORECAST – KHULNA

Description	25 July 2020	26 July 2020	27 July 2020
Temperature(C)	33°C/ 27°C	34°C/ 27°C	33°C/ 27°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/Light Rain
Sun Rise/Set	5h29m54s/18h46m42s	5h30m24s/18h46m12s	5h30m54s/18h45m36s
Day Length	13h16m48s	13h15m48s	13h14m42s
Moon Rise/Set	9:56 PM 10:29 AM	10:56 PM 11:09 AM	11:56AM 11:49PM
Moon Phase/illu	Waxing Crescent, 32%	Waxing Crescent, 43%	First Quarter, 55%
NauticalTwilight	0436, 1939	0437, 1939	0437, 1939
Civil Twilight	0505, 1910	0506, 1910	0506, 1910
Humidity	D : 79% N : 92%	D : 76% N : 90%	D : 78% N : 91%
Barometer (mb)	1006	1006	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	20%	60%
Wind (mph)	12 km/h SSW	12 km/h SW	10 km/h SW

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



SATELLITE VIEW OF BAY OF BENGAL

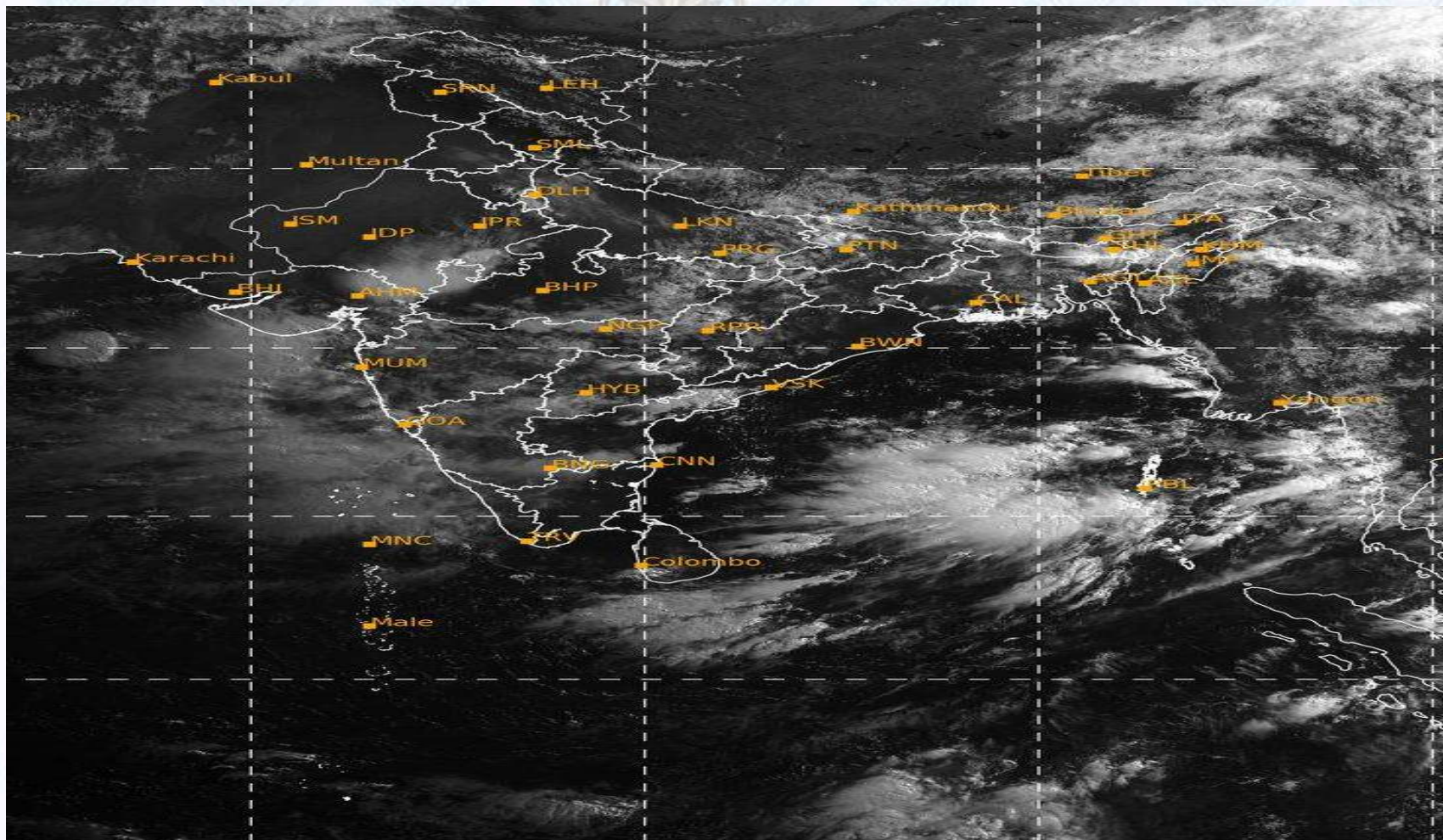


24/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



24/07/2020, 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 24.07.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY 10-12KTS, TEMPORARY GUSTING TO 22 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 =1005 HPA



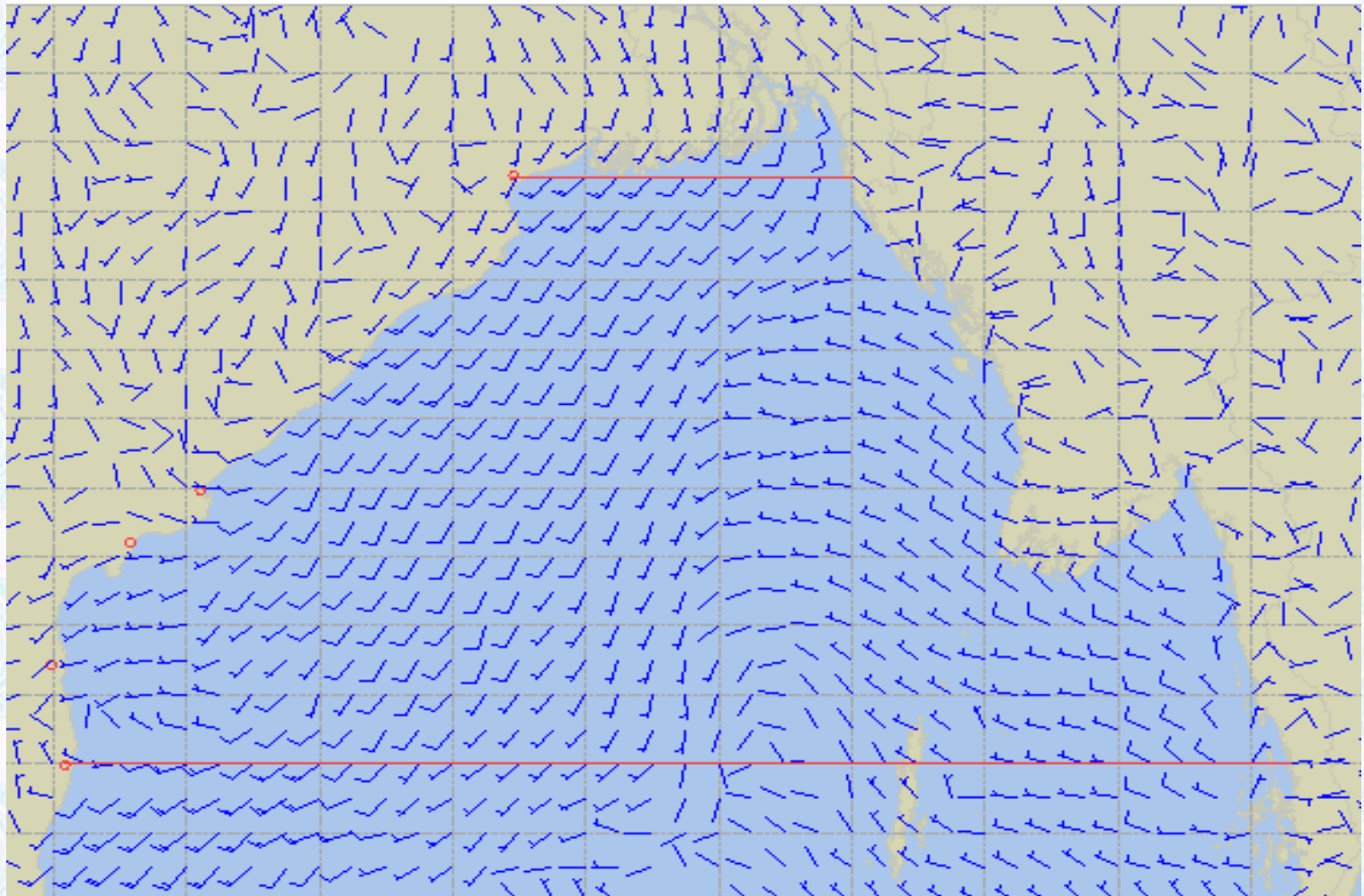
Inland River Port Warning **(VALID TILL 07 PM OF 24.07.2020)**

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 KHULNA, BARISHAL, NOAKHALI, PATUAKHALI, CUMILLA, CHATTOGRAM, RAJSHAHI, DHAKA, FARIDPUR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 25 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



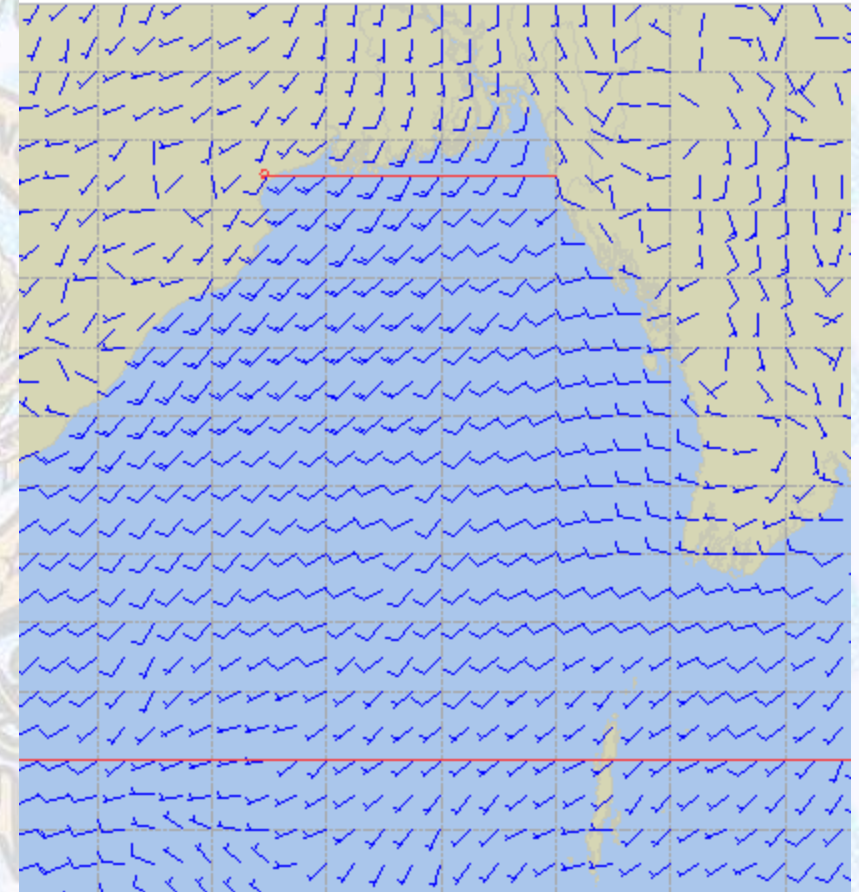
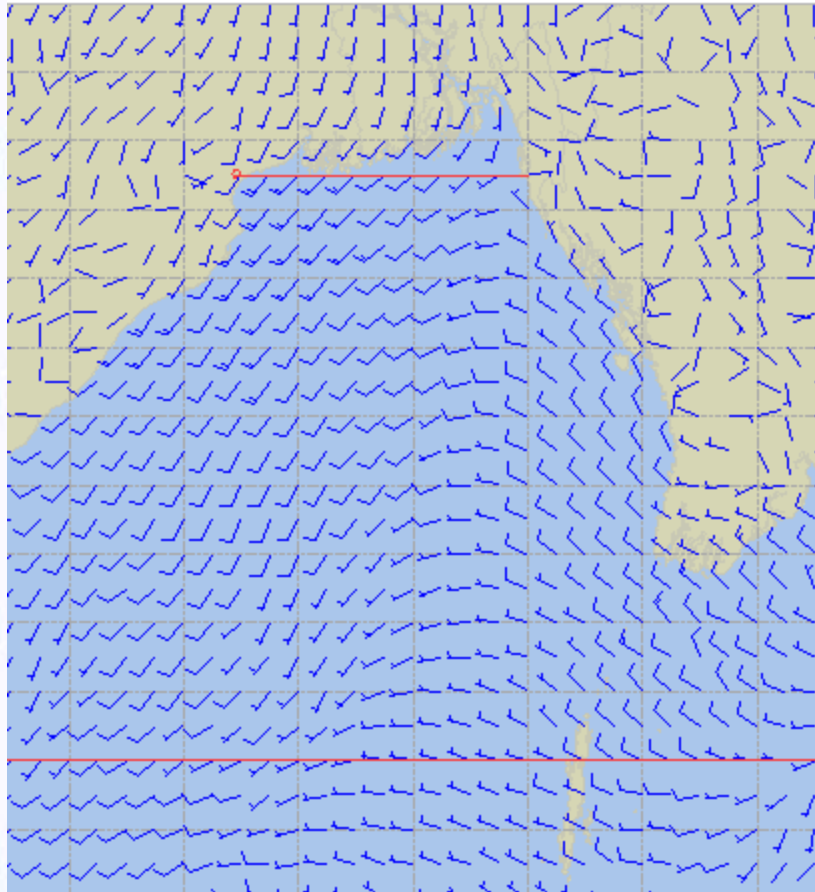
60 Knots



Surface Wind Forecast – 26 & 27 July - 2020

26 July 2020 Sunday

27 July 2020 Monday



Legend:



Calm
Winds



5 Knots



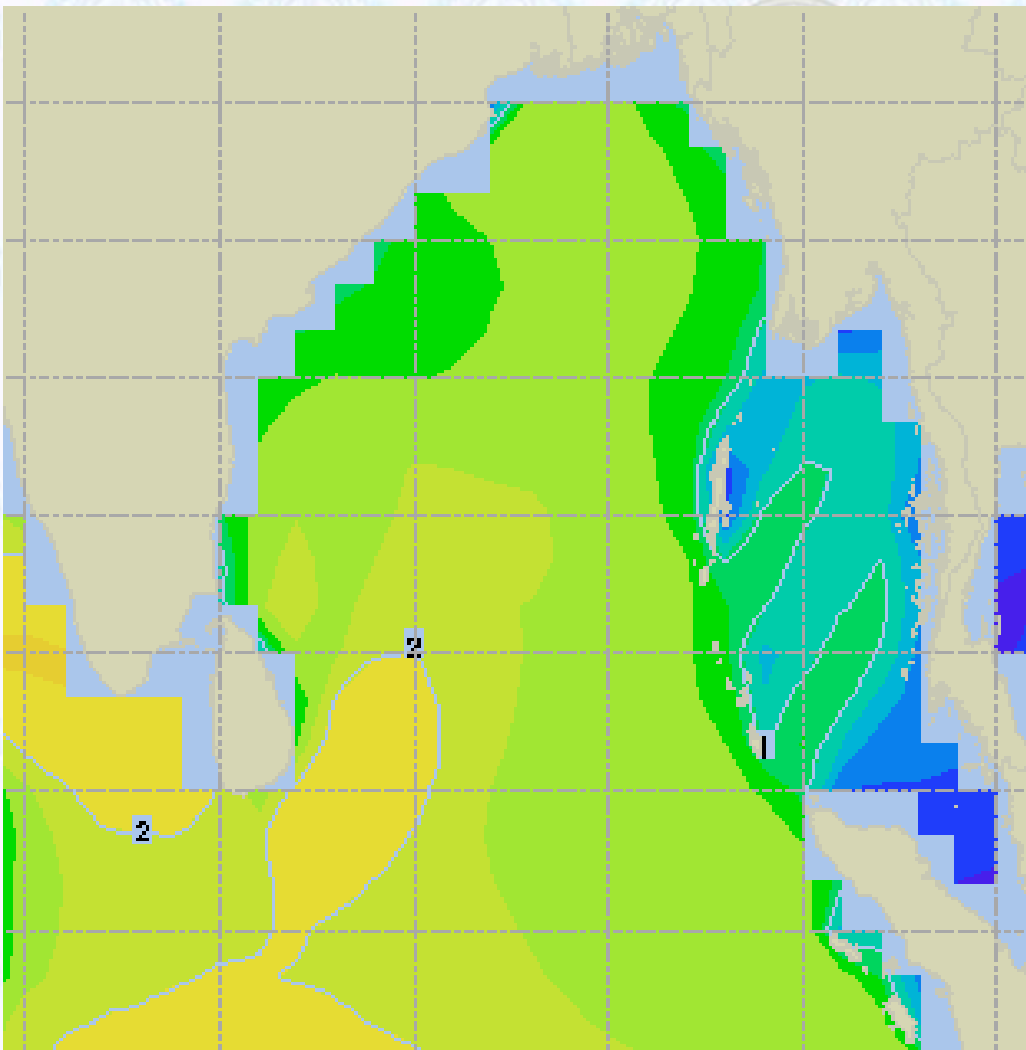
10 Knots



60 Knots



Sea State Forecast – 25 July- 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

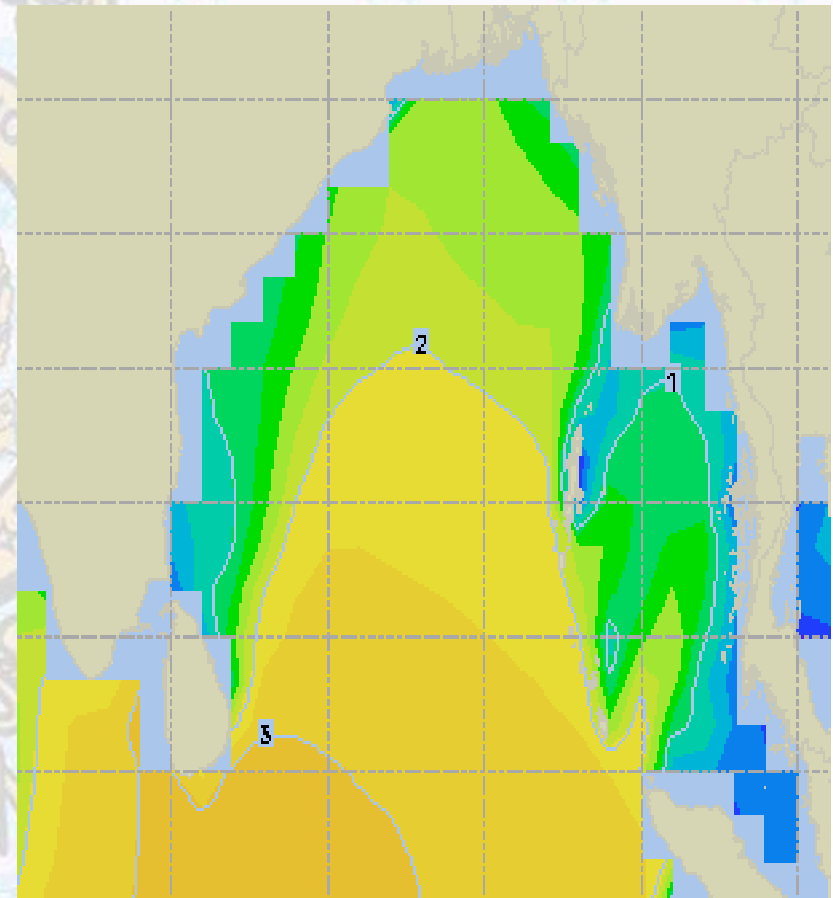
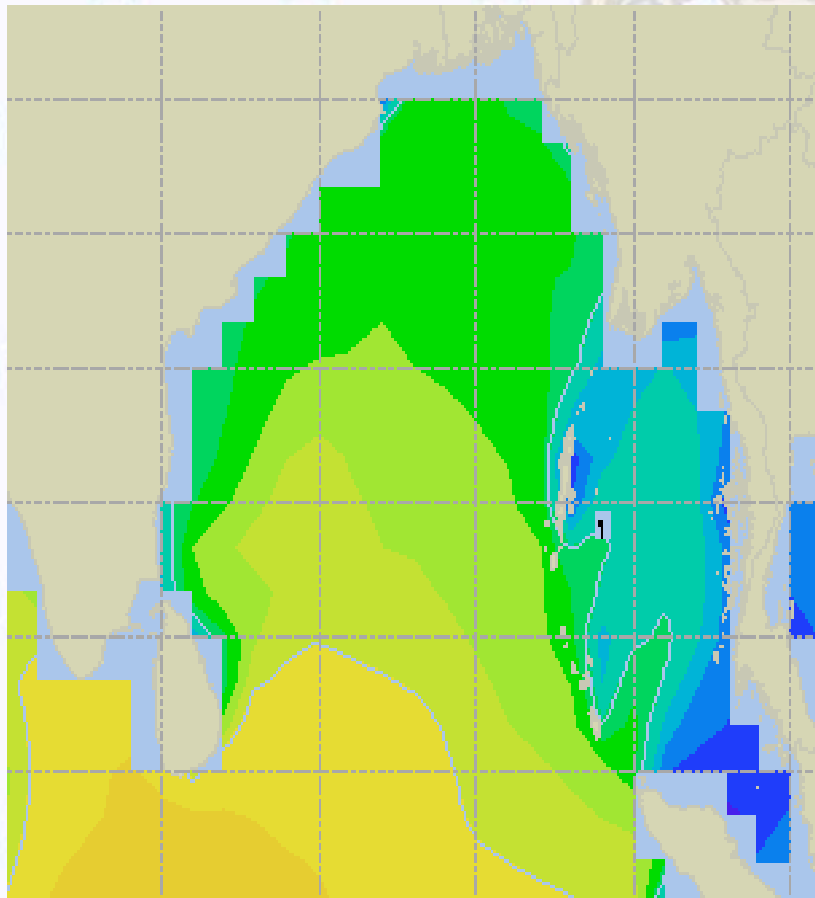




Sea State Forecast – 26 & 27 July - 2020

26 July 2020 Sunday

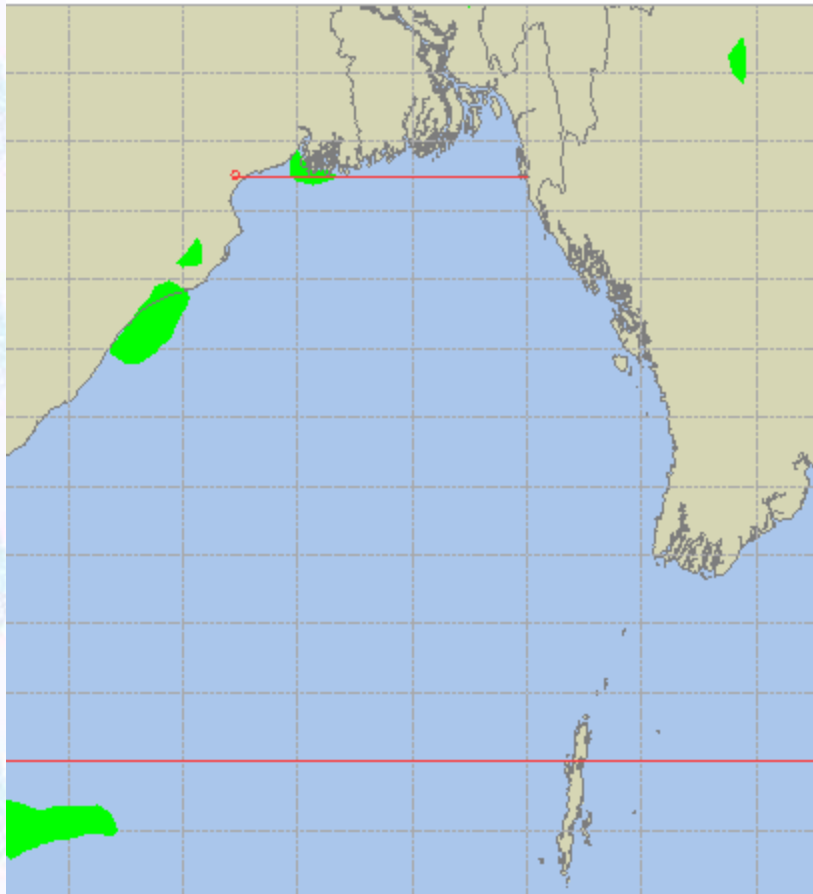
27 July 2020 Monday



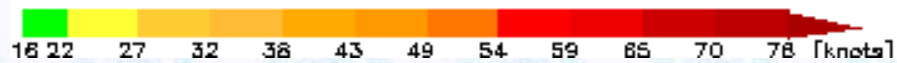
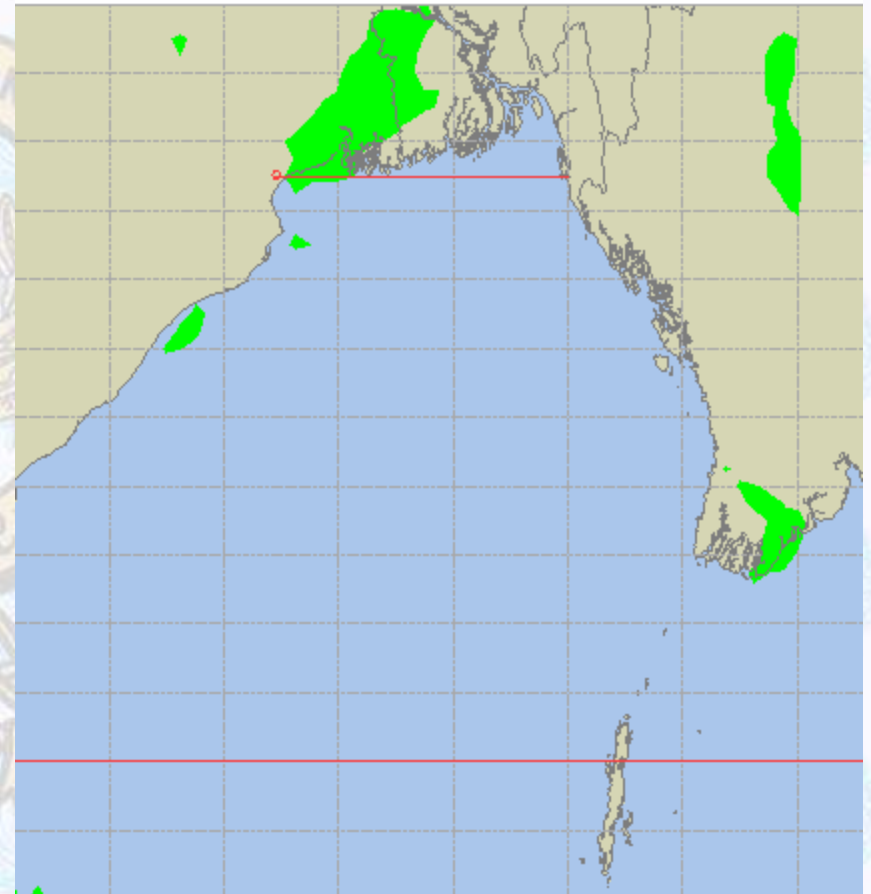


Peak Gusting Possibilities— 25 & 26 July 2020

25 July 2020 Saturday



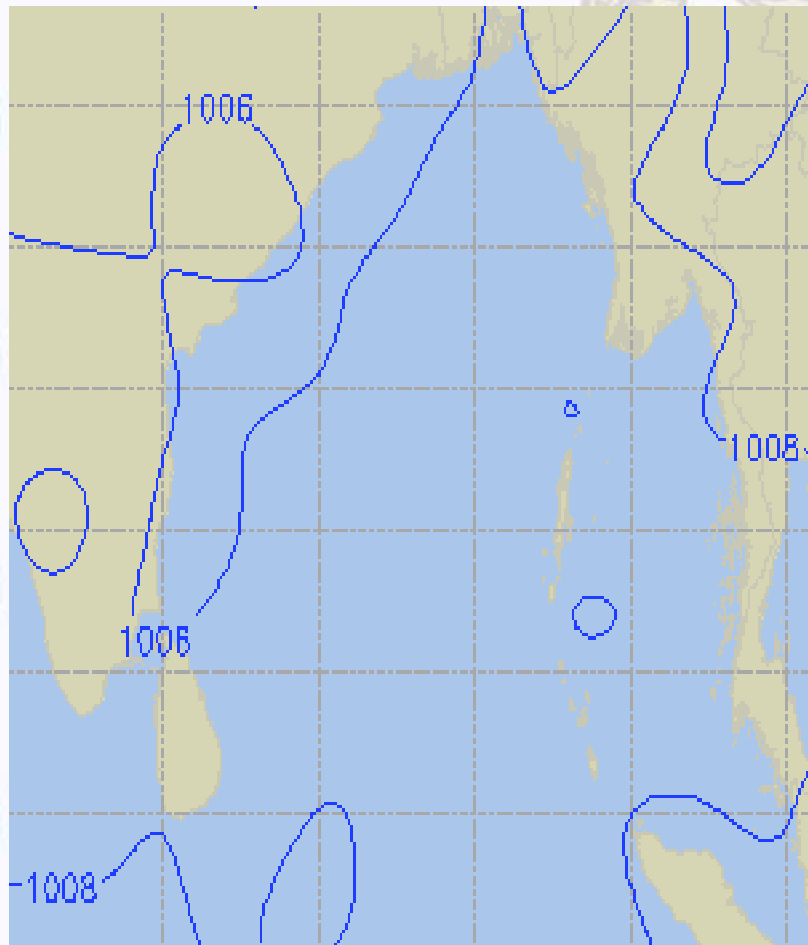
26 July 2020 Sunday



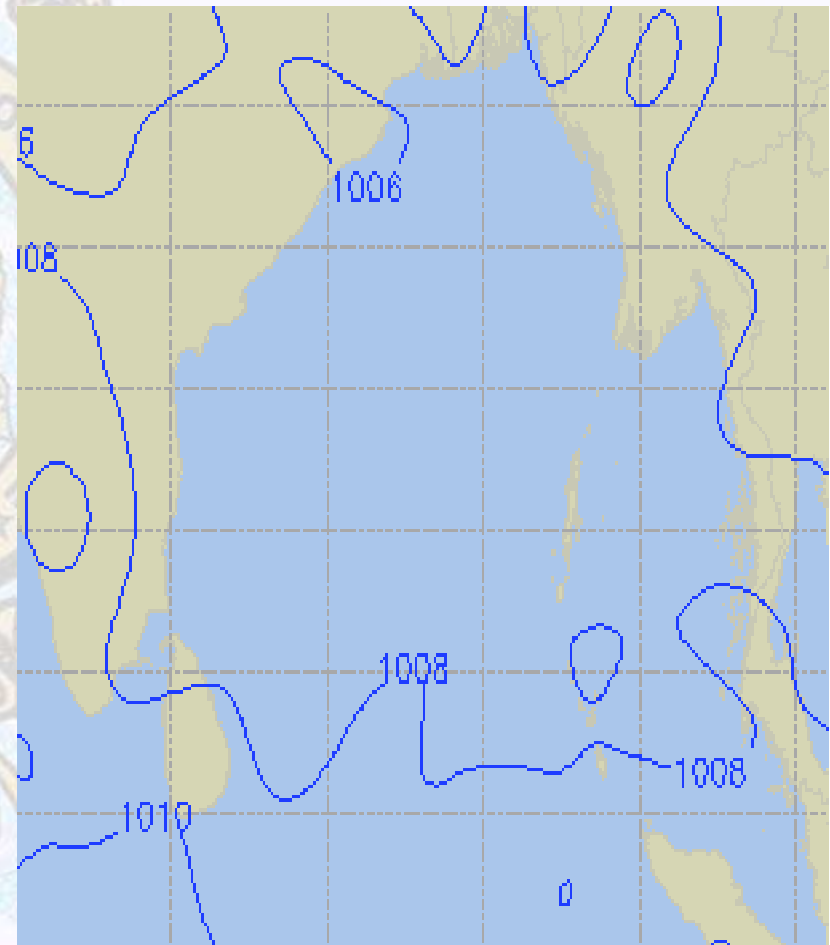


Surface Pressure forecast— 25 & 26 July 2020

25 July 2020 Saturday



26 July 2020 Sunday

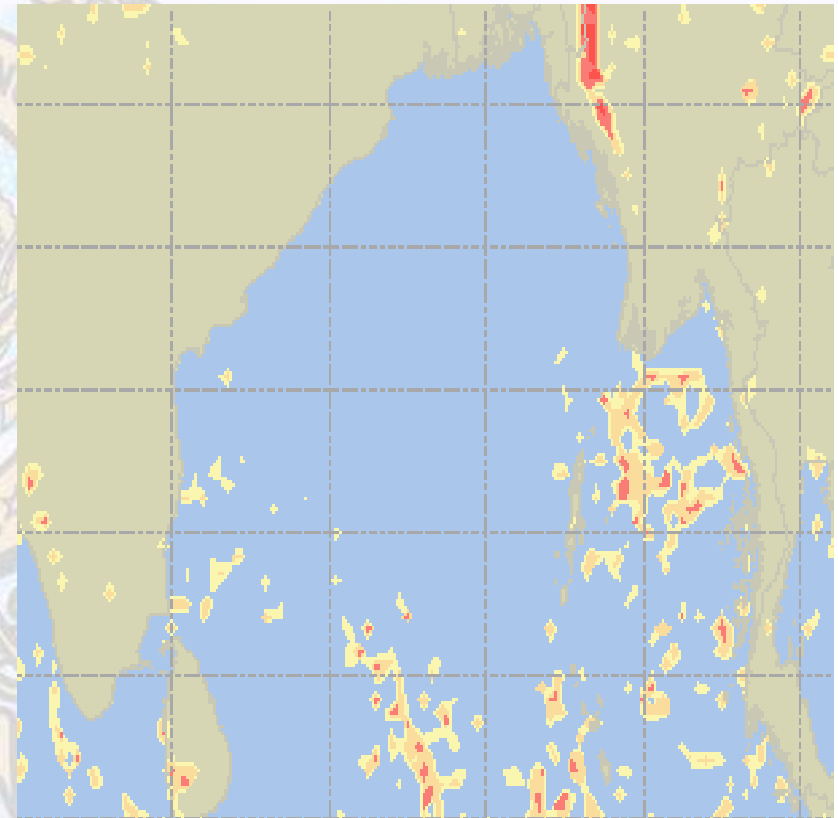
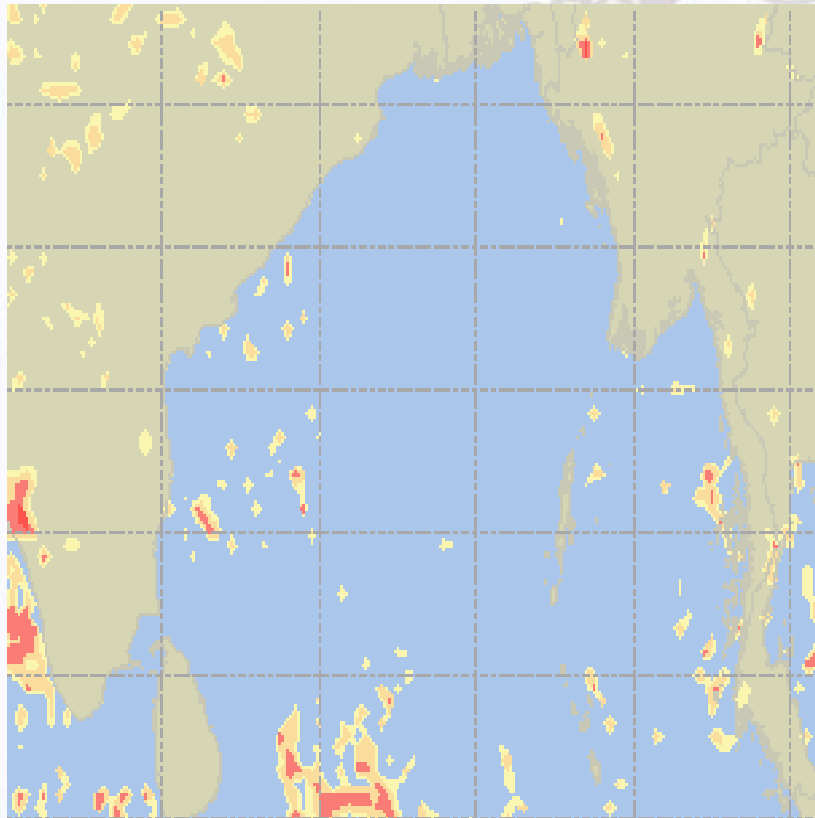




Visibility at Sea Forecast – 25 & 26 July 2020

25 July 2020 Saturday

26 July 2020 Sunday



Visibility Scale:

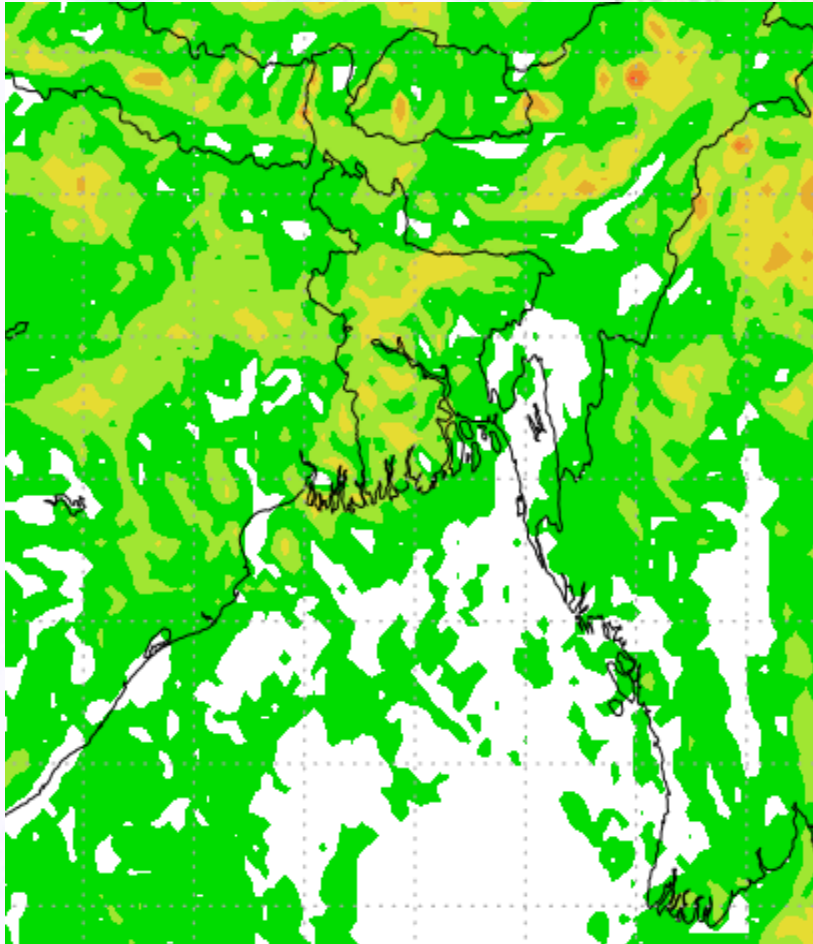


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

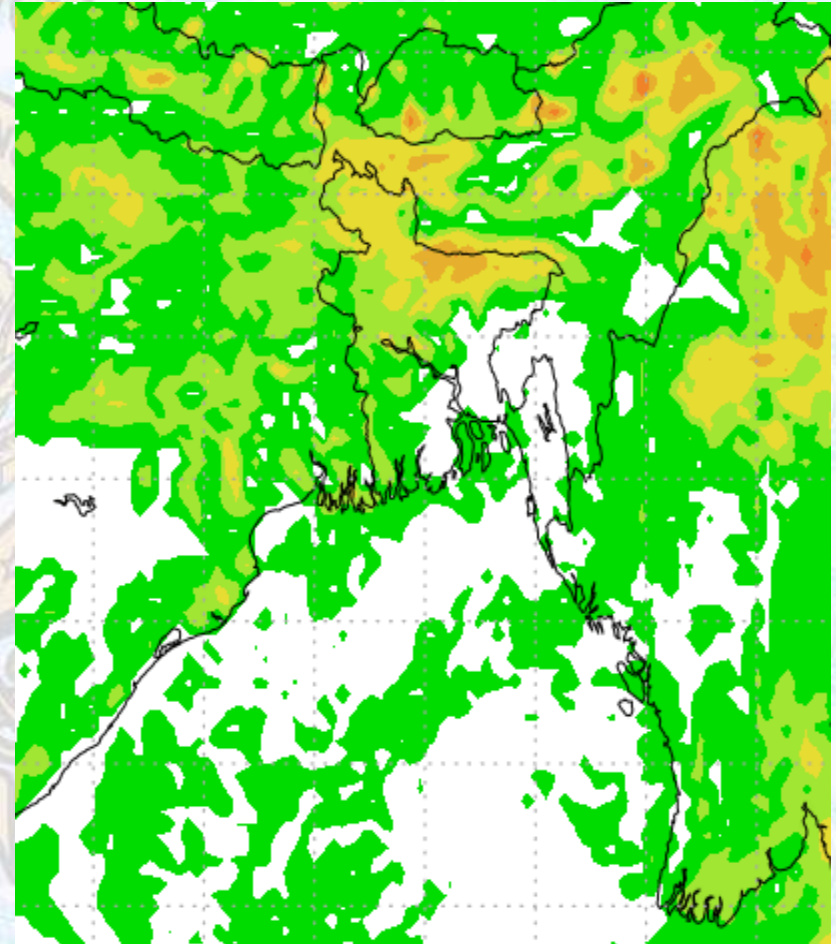


Precipitation

Rain(mm) 25 & 26 July 2020



Rain(mm) 26 & 27 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
25 July 2020	0349	5.16		0122	3.53		0121	3.22
	1017	0.90		0802	1.03		0733	1.02
	1606	5.35		1350	3.72		1332	3.36
	2251	0.80		2029	1.12		2007	0.95
26 July 2020	Time	Height		Time	Height		Time	Height
	0442	5.08		0212	3.42		0208	3.17
	1109	1.03		0849	1.12		0820	1.16
	1702	5.10		1440	3.52		1418	3.20
	2341	0.92		2117	1.21		2051	1.06
27 July 2020	Time	Height		Time	Height		Time	Height
	0542	4.95		0307	3.29		0002	2.70
	1208	1.20		0943	1.22		0617	0.36
	1807	4.80		1537	3.29		1221	2.78
	-	-		2214	1.31		1835	0.54