



WEATHER FORECAST FOR BN

22 JULY - 25 JULY 2020



WEATHER FORECAST – DHAKA

22.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29/ 26	30 / 25	28 / 25	28 / 25
Wind	11 km/h SW	9 km/h SW	7 km/h S	9 km/h S
Humidity	83%	78%	83%	86%
Chance of Precip	22%	54%	62%	61%
Cloud Cover	95%	95%	94%	96%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 23 AM			
Sunset	6: 46 PM			

Conditions

Pressure : 1003 hpa

Visibility : 3.22 km

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



WEATHER FORECAST – CHATTOGRAM

22.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	28 / 26	27 / 26	27 / 26
Wind	8 km/h S	13 km/h S	10 km/h SSW	11 km/h SSE
Humidity	90%	91%	91%	95%
Chance of Precip.	23%	21%	76%	73%
Cloud Cover	86%	94%	93%	93%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 20 AM			
Sunset	6: 38 PM			

Conditions

Pressure : 1005 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

22.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30 / 27	28 / 27	28 / 27
Wind	11 km/h WSW	11 km/h WSW	8 km/h SW	8 km/h SSW
Humidity	88%	87%	92%	95%
Chance of Precip.	24%	24%	47%	58%
Cloud Cover	95%	94%	92%	91%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 28 AM 6: 48 PM			

Conditions

Pressure : 1003 hpa

Visibility : 12.487 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	23 July 2020	24 July 2020	25 July 2020
Temperature (C)	30 °C/ 26 °C	30 °C/ 26 °C	33 °C/ 26 °C
Summary	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sun Rise/Set	5h23m42s/18h46m18s	5h24m12s/18h45m42s	5h24m42s/18h45m06s
Day Length	13h22m36s	13h21m30s	13h20m24s
Moon Rise/ Set	7:47 PM 9:04 AM	8:49 PM 9:45 AM	9:51 PM 10:25 AM
Moon Phase/ illu	Waxing Crescent, 12%	Waxing Crescent, 21%	Waxing Crescent, 32%
Nautical Twilight	0430,1939	0430,1939	0431,1938
Civil Twilight	0459,1910	0459,1909	0500,1909
Humidity	D : 82% N : 85%	D : 81% N : 86%	D : 74% N : 83%
Barometer (mb)	1003	1005	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	80%
Wind (mph)	15 Km/h SSE	14 Km/h S	11 Km/h SW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	23 July 2020	24 July 2020	25 July 2020
Temperature (C)	28 °C/ 25 °C	30 °C/ 25 °C	30 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h20m36s/18h37m48s	5h21m06s/18h37m18s	5h21m36s/18h36m42s
Day Length	13h17m12s	13h16m12s	13h15m06s
Moon Rise/ Set	7:42 PM 8:56 AM	8:44 PM 9:39 AM	9:46 PM 10:18 AM
Moon Phase/ illu	Waxing Crescent, 12%	Waxing Crescent, 21%	Waxing Crescent, 31%
Nautical Twilight	0427, 1930	0428, 1929	0428, 1929
Civil Twilight	0456, 1901	0457, 1901	0457, 1900
Humidity	D : 91% N : 94%	D : 86% N : 93%	D : 88% N : 92%
Barometer (mb)	1005	1008	1009
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	80%	50%
Wind (mph)	18 Km/h S	13 Km/h S	9 Km/h SW

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



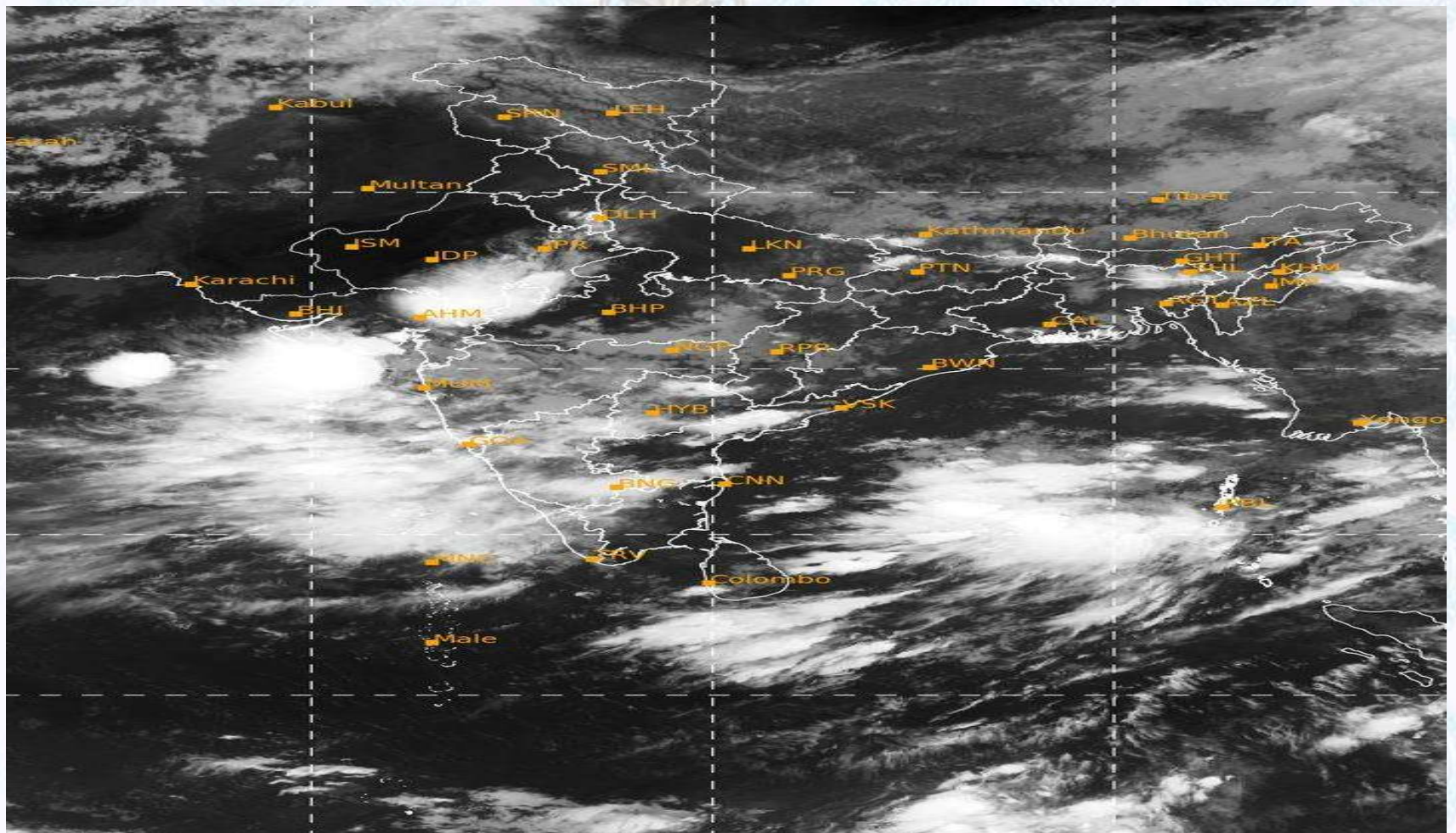
GENERAL WEATHER FORECAST – KHULNA

Description	23 July 2020	24 July 2020	25 July 2020
Temperature(C)	30°C/ 26°C	30°C/ 26°C	33°C/ 26°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy
Sun Rise/Set	5h28m54s/18h47m54s	5h29m24s/18h47m28s	5h29m54s/18h46m42s
Day Length	13h19m00s	13h17m54s	13h16m48s
Moon Rise/Set	7:52 PM 9:07 AM	8:54 PM 9:49 AM	9:56 PM 10:29 AM
Moon Phase/illu	Waxing Crescent, 12%	Waxing Crescent, 21%	Waxing Crescent, 32%
Nautical Twilight	0435, 1940	0436, 1940	0436, 1939
Civil Twilight	0504, 1911	0505, 1911	0505, 1910
Humidity	D : 86% N : 89%	D : 84% N : 89%	D : 78% N : 87%
Barometer (mb)	1003	1005	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	50%
Wind (mph)	14 km/h S	14 km/h S	11 km/h SW

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



SATELLITE VIEW OF BAY OF BENGAL

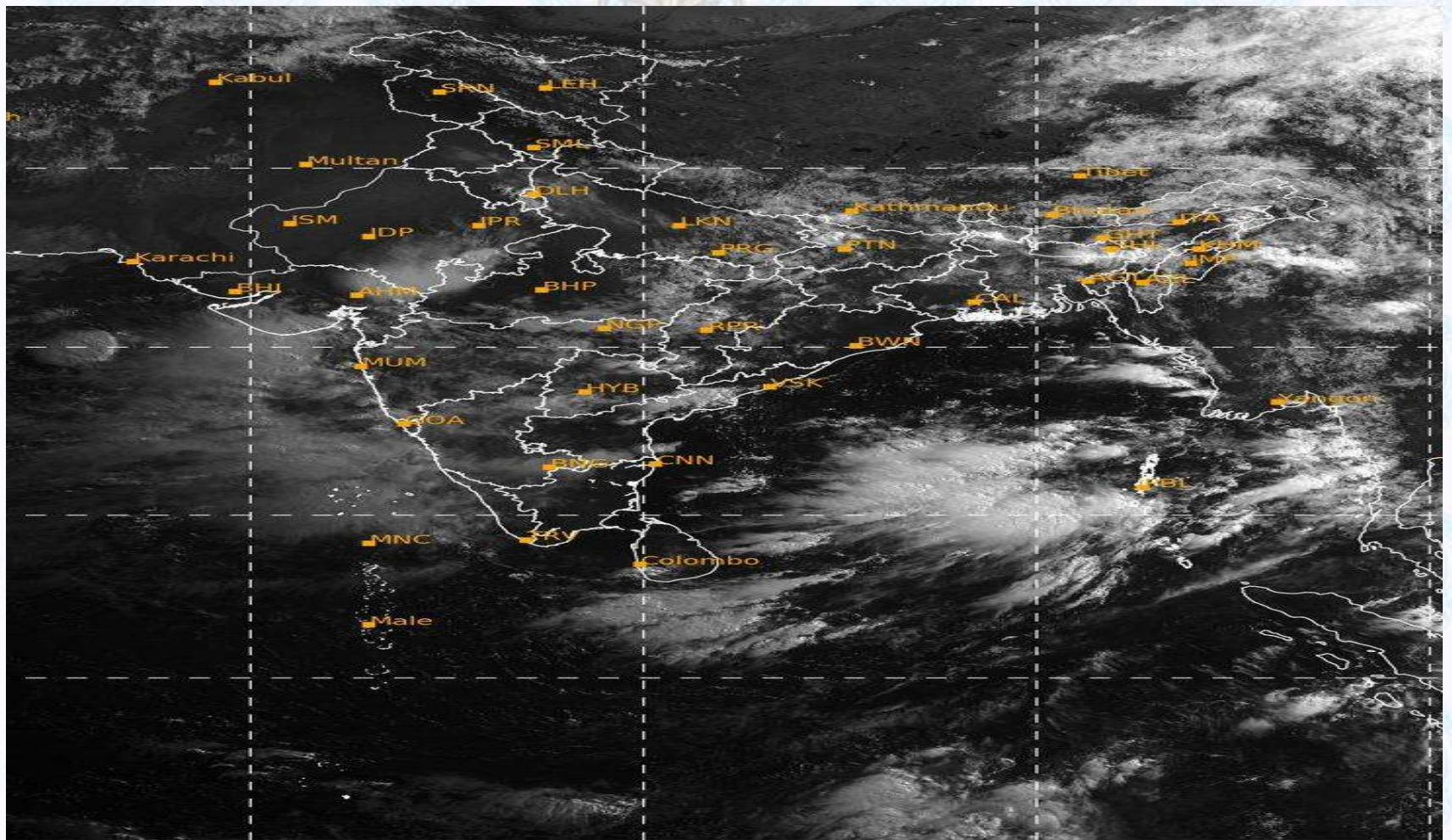


22/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



22/07/2020, 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 22.07.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	TROUGH OF LOW ILES OVER NORTH BAY. MONSOON IS STRONG OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH /SOUTH-WESTERLY, 10-15 KTS. TEMPORARY GUSTING TO 27 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 =1005 HPA



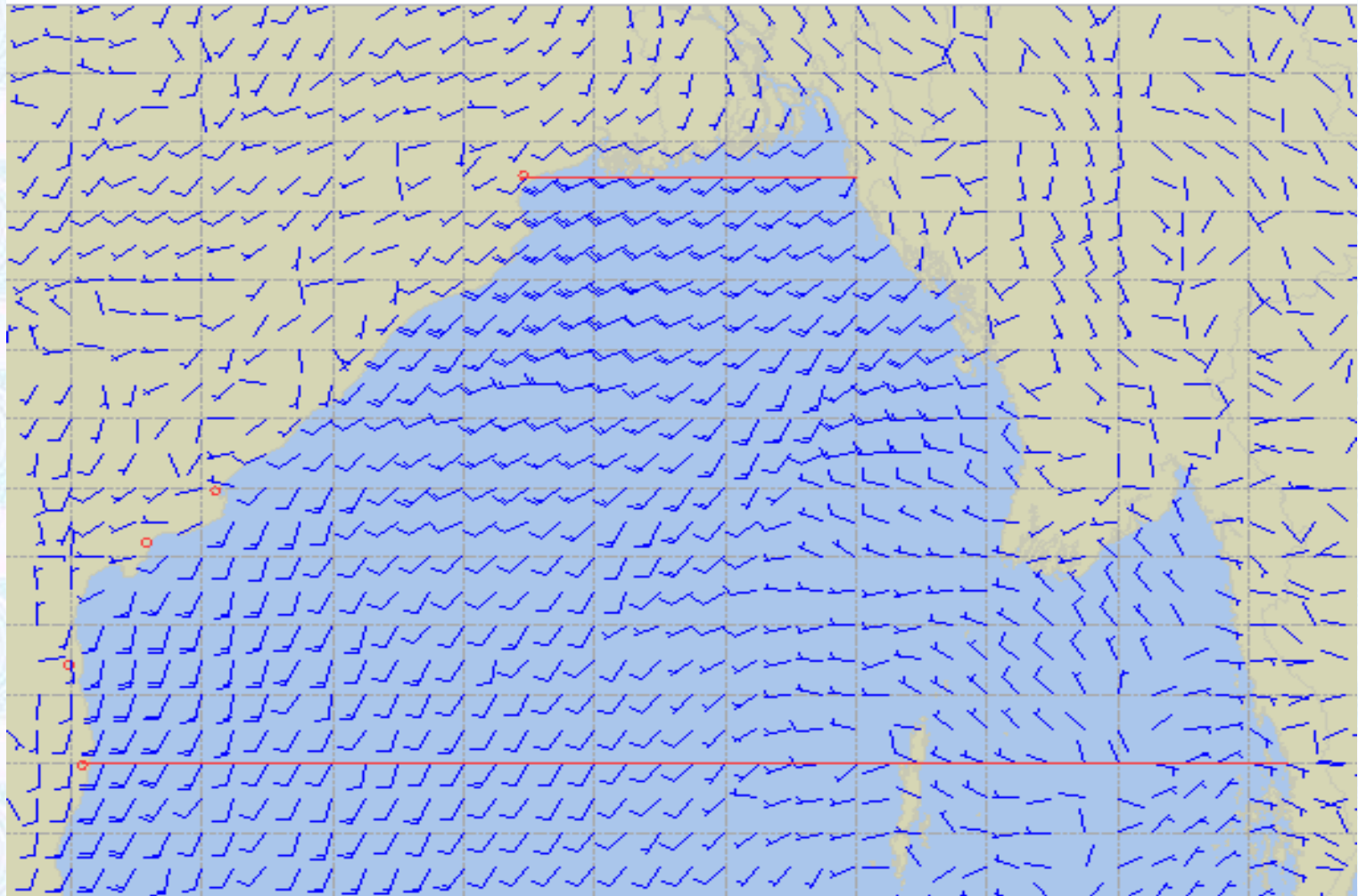
Inland River Port Warning **(VALID TILL 07 PM OF 22.07.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH- WESTERLY, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, RANGPUR, DINAJPUR, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE..

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



Surface Wind Forecast- 23 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



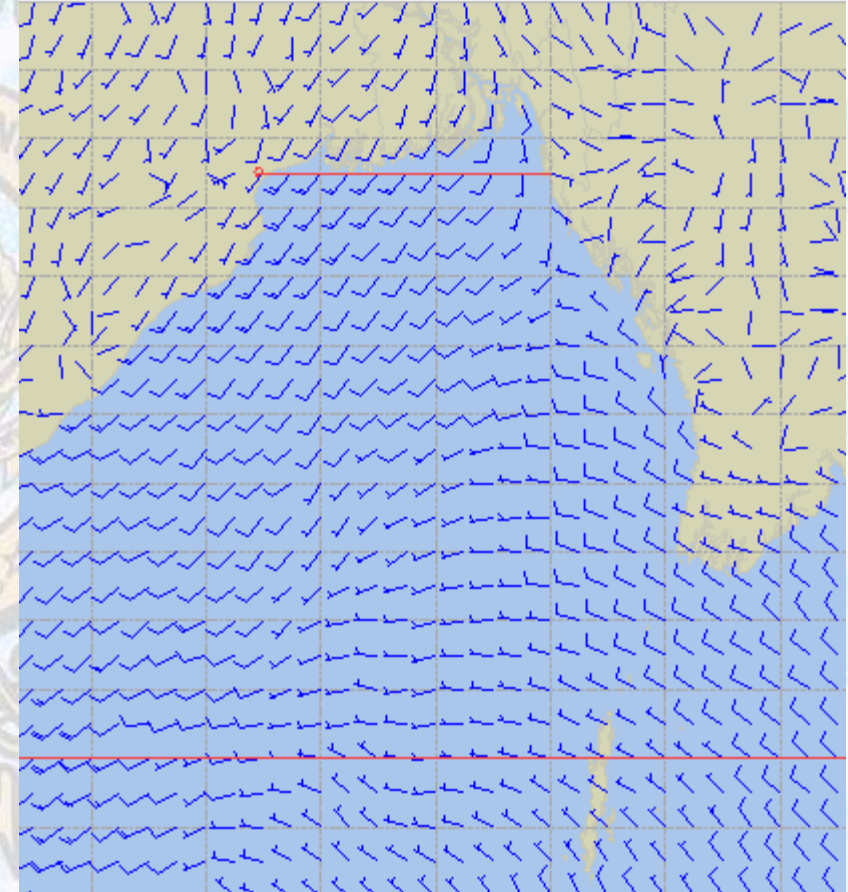
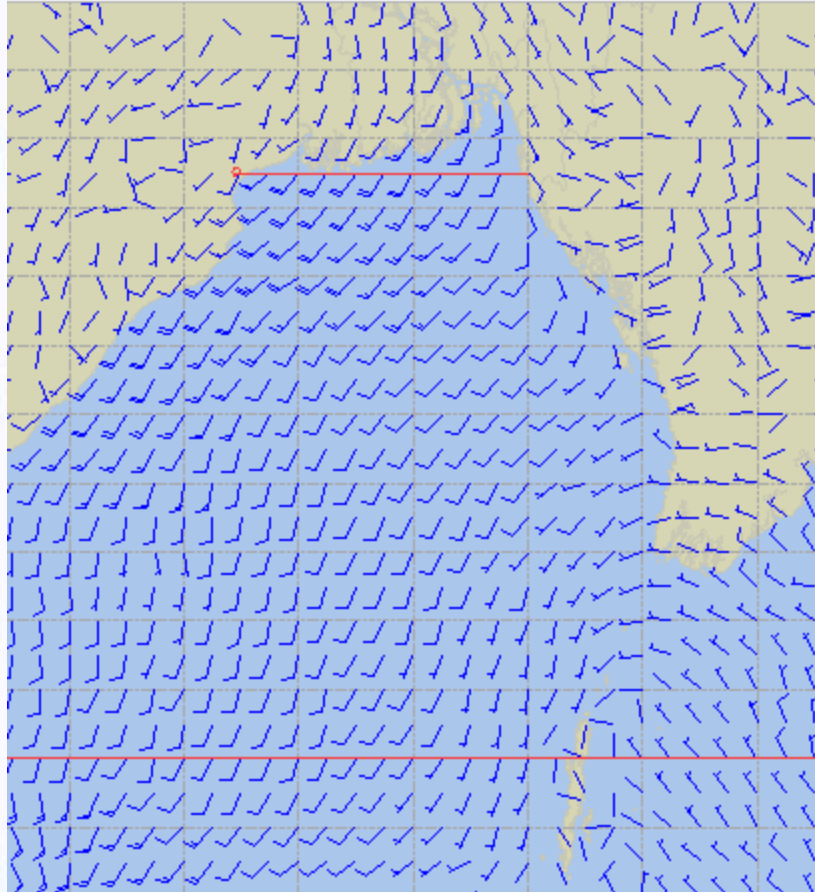
60 Knots



Surface Wind Forecast – 24 & 25 July - 2020

24 July 2020 Friday

25 July 2020 Saturday



Legend:



**Calm
Winds**



5 Knots



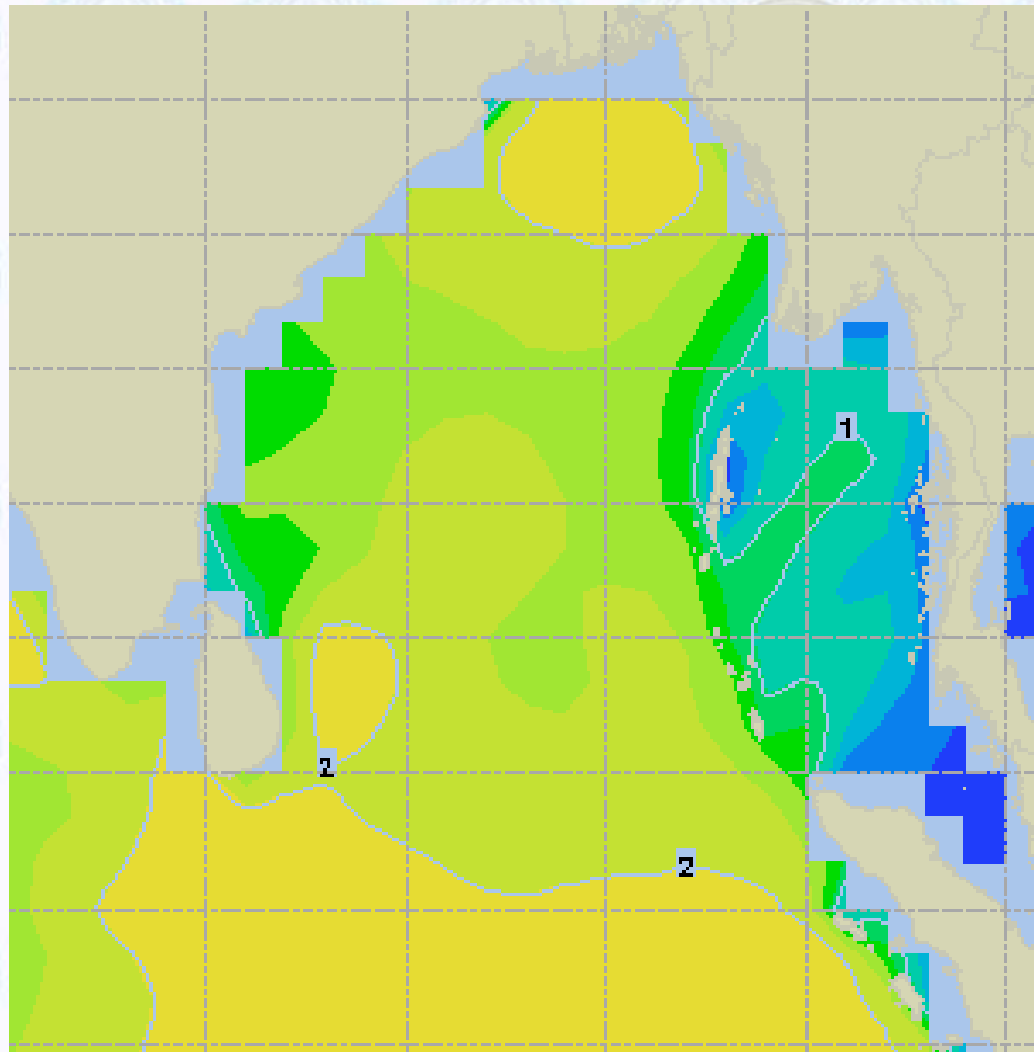
10 Knots



60 Knots



Sea State Forecast – 23 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

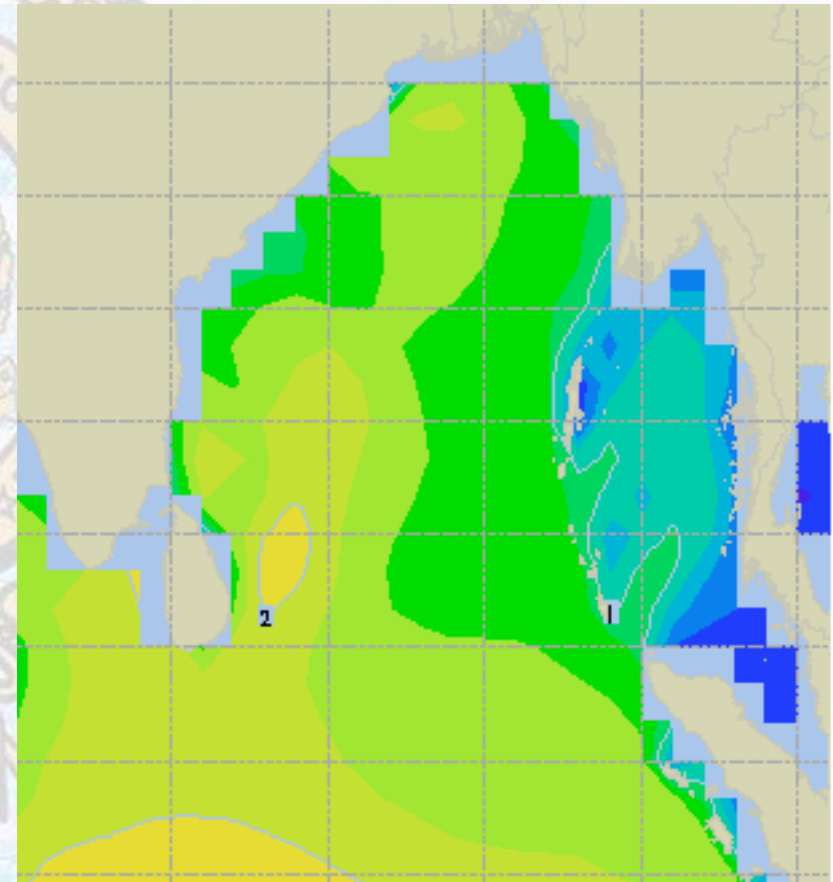
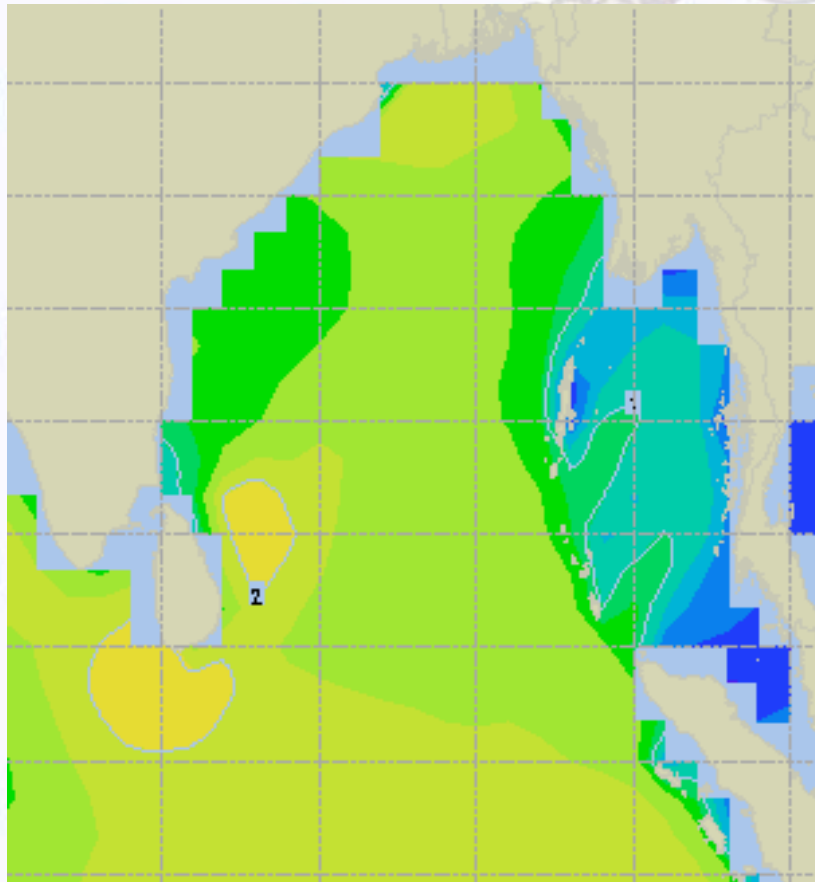




Sea State Forecast – 24 & 25 July - 2020

24 July 2020 Friday

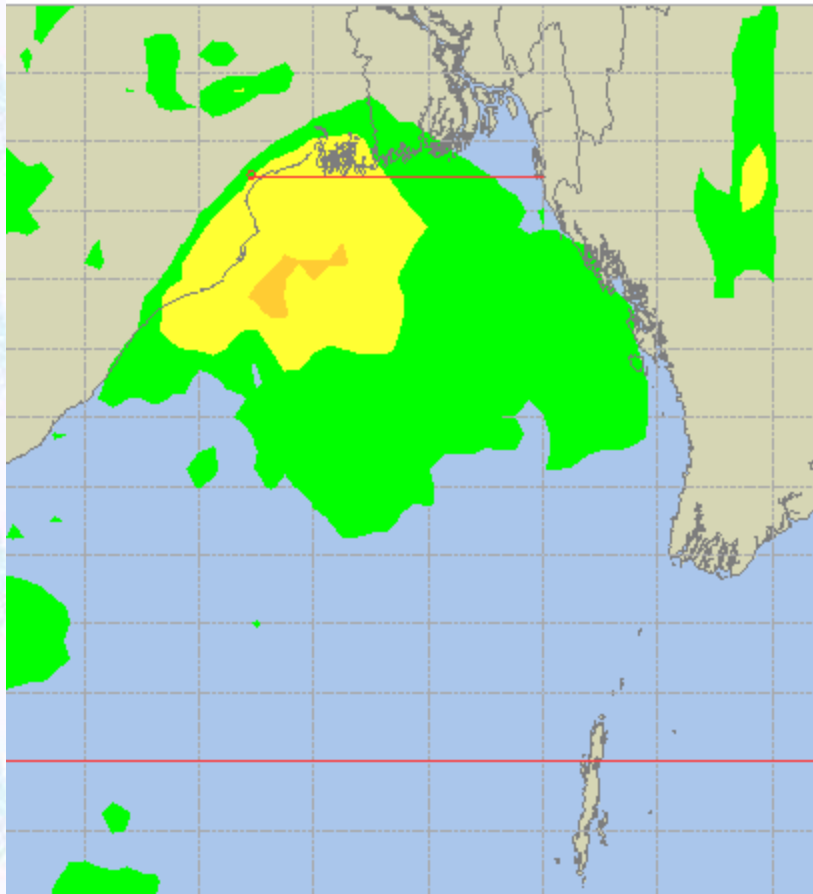
25 July 2020 Saturday



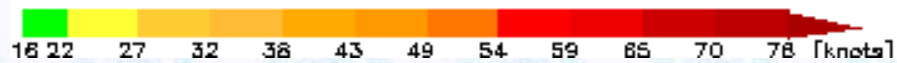
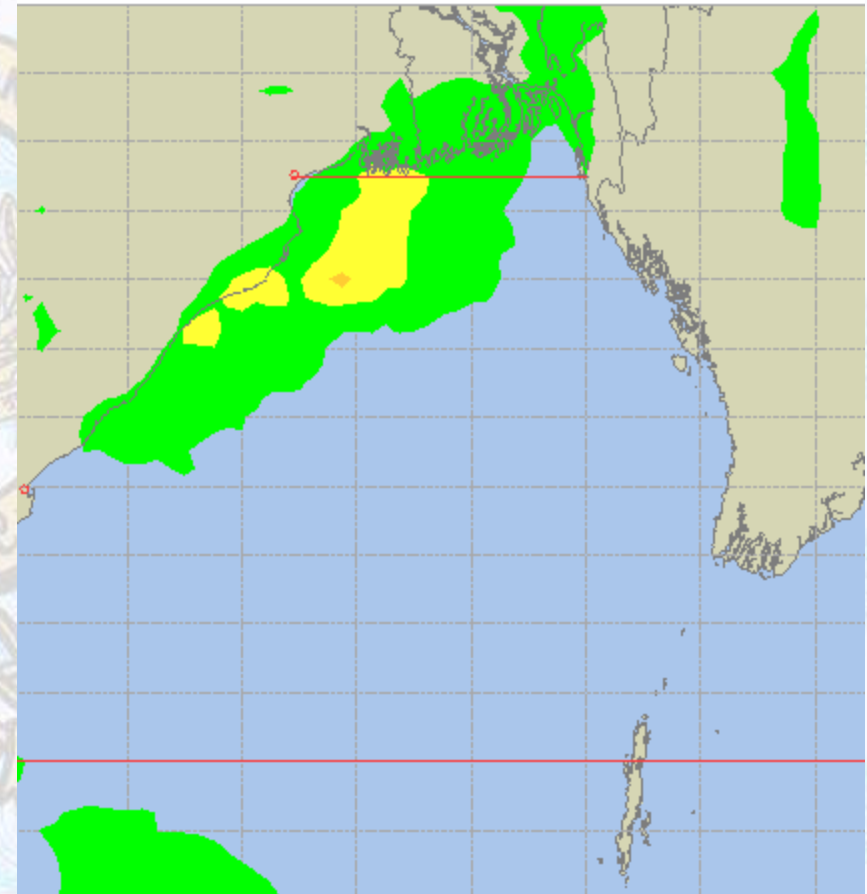


Peak Gusting Possibilities— 23 & 24 July 2020

23 July 2020 Thursday



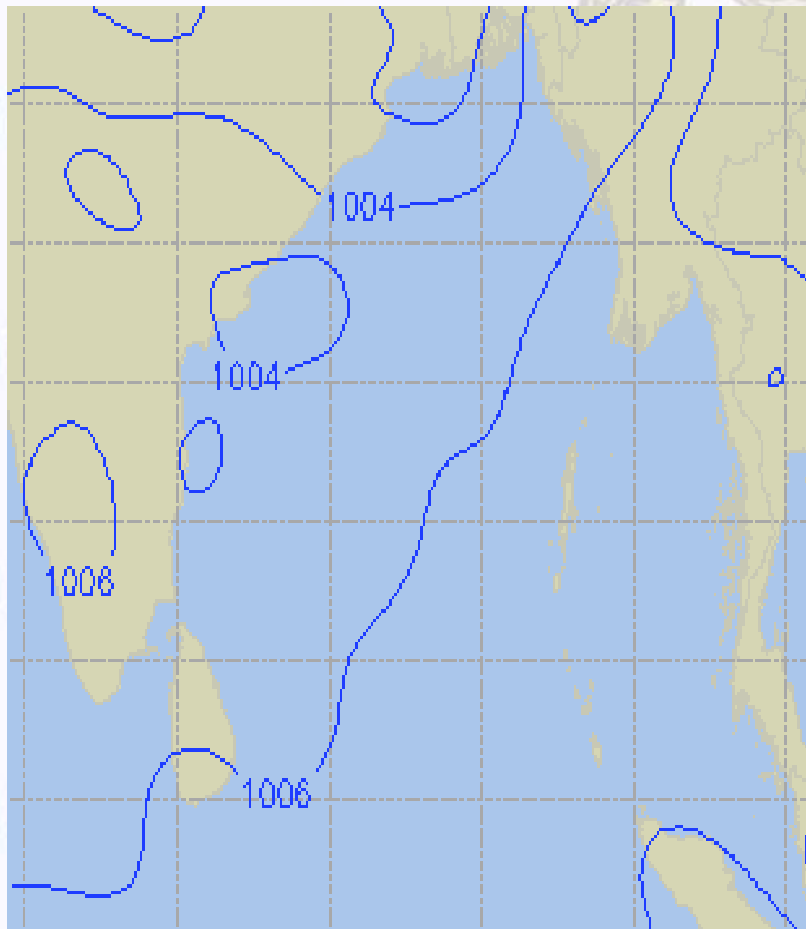
24 July 2020 Friday



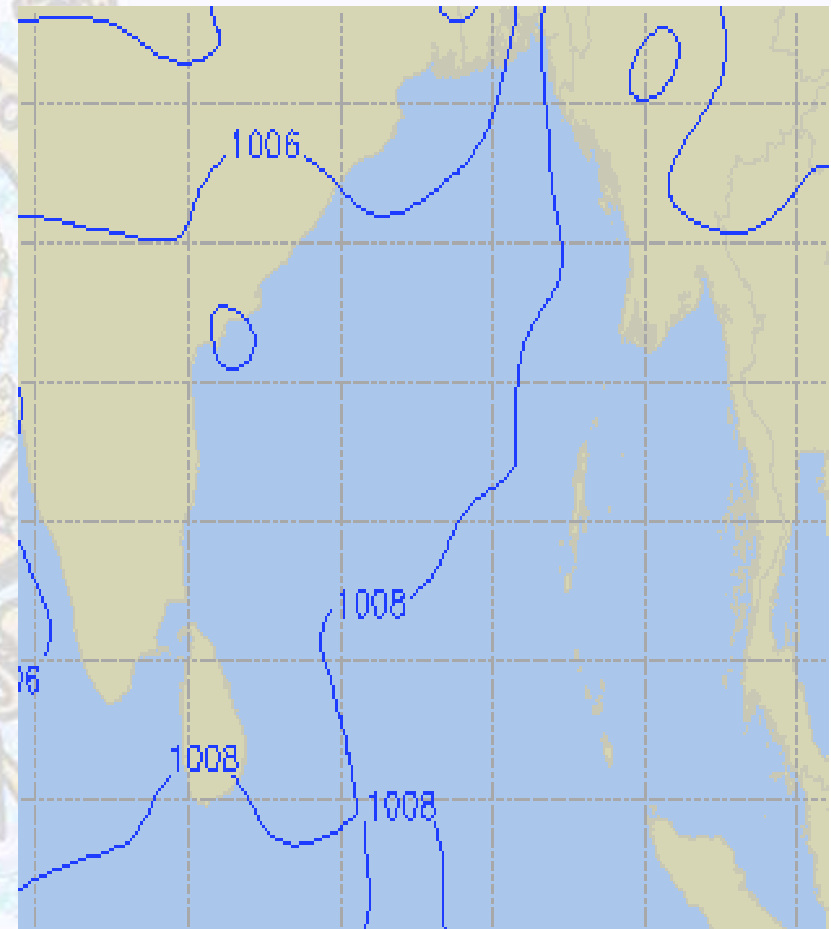


Surface Pressure forecast— 23 & 24 July 2020

23 July 2020 Thursday



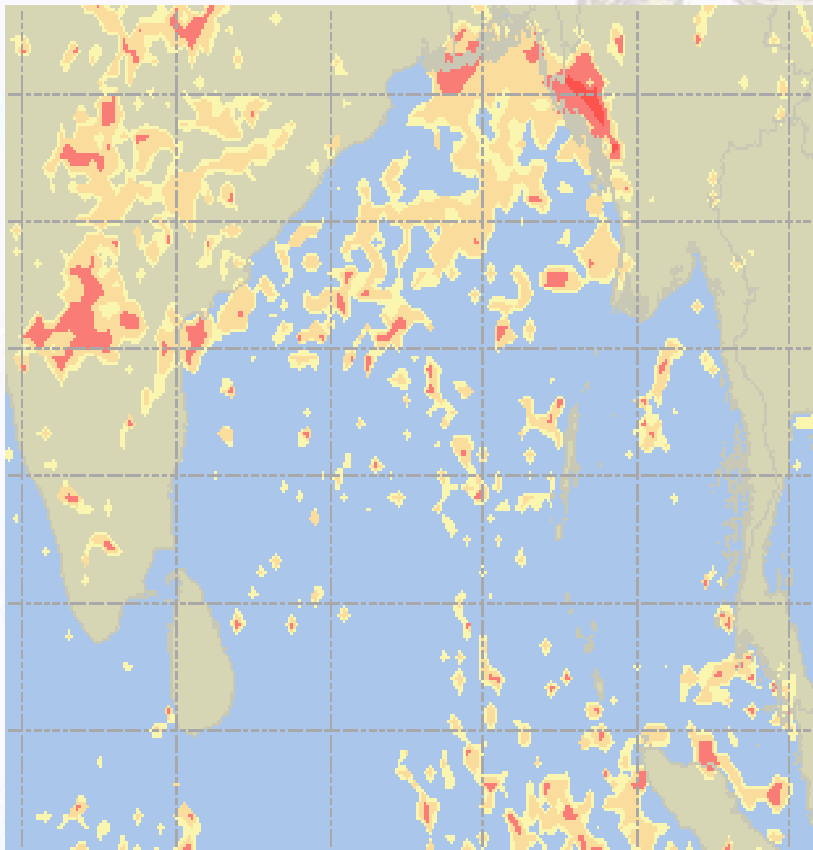
24 July 2020 Friday



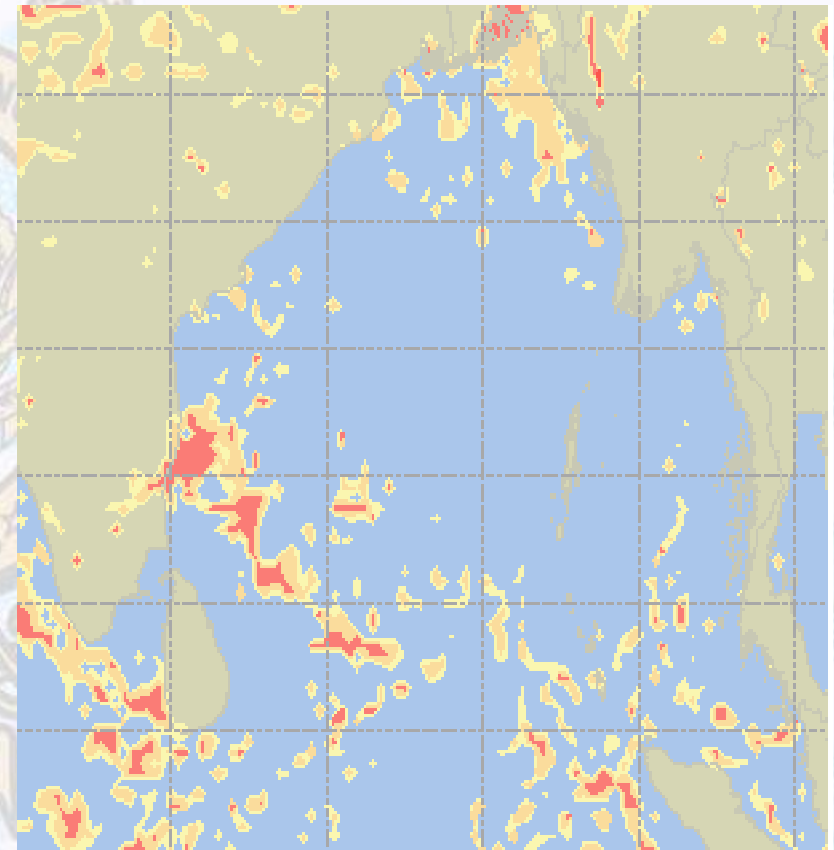


Visibility at Sea Forecast – 23 & 24 July 2020

23 July 2020 Thursday



24 July 2020 Friday



Visibility Scale:

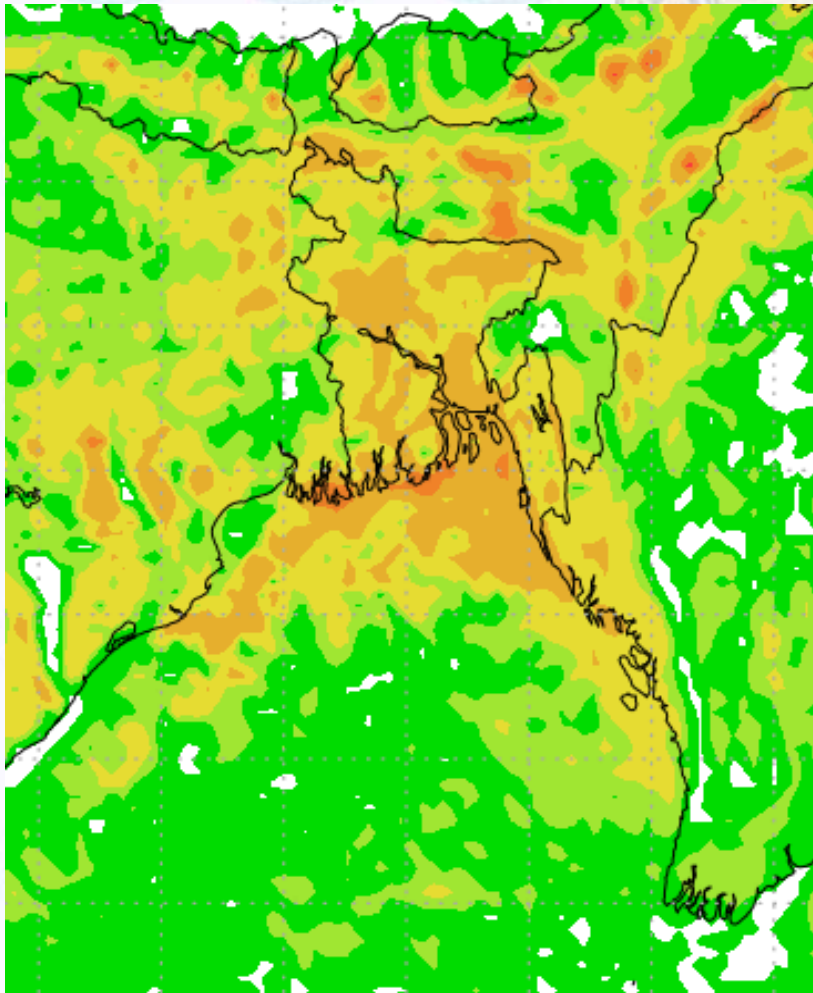


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

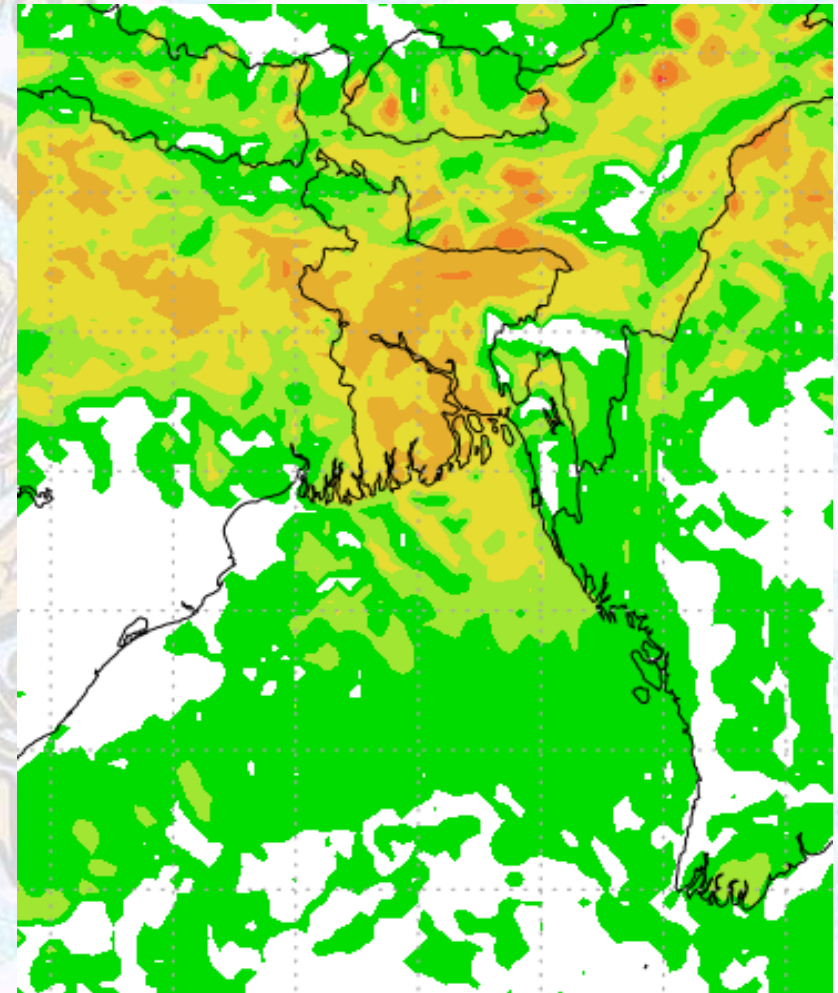


Precipitation

Rain(mm) 23 & 24 July 2020



Rain(mm) 24 & 25 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
23 July 2020	0222	5.12		0637	0.96		0609	0.88
	0849	0.83		1223	3.96		1211	3.51
	1434	5.54		1904	1.02		1848	0.89
	2125	0.82		-	-		-	-
24 July 2020	Time	Height		Time	Height		Time	Height
	0302	5.17		0037	3.60		0038	3.24
	0932	0.84		0718	0.98		0651	0.93
	1517	5.49		1305	3.87		1251	3.46
	2206	0.78		1945	1.05		1926	0.89
25 July 2020	Time	Height		Time	Height		Time	Height
	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