



WEATHER FORECAST FOR BN

27 JULY - 30 JULY 2020



WEATHER FORECAST – DHAKA

27.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	32 / 26	30 / 26	29 / 26
Wind	6 km/h S	8 km/h S	6 km/h SSE	7 km/h SSE
Humidity	71%	71%	80%	84%
Chance of Precip	40%	62%	44%	50%
Cloud Cover	79%	82%	83%	90%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 25 AM 6: 43 PM			

Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

27.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	31 / 27	29 / 27	29 / 27
Wind	8 km/h SW	8 km/h SW	5 km/h SW	4 km/h SSE
Humidity	78%	78%	86%	90%
Chance of Precip.	8%	7%	10%	11%
Cloud Cover	78%	81%	87%	84%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 22 AM 6: 35 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

27.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 29	32 / 28	30 / 28	29 / 27
Wind	6 km/h S	7 km/h S	6 km/h S	6 km/h S
Humidity	77%	79%	89%	92%
Chance of Precip.	94%	33%	38%	52%
Cloud Cover	80%	81%	86%	90%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 30 AM 6: 45 PM			

Conditions

Pressure : 1006 hpa

Visibility : 3.22 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	28 July 2020	29 July 2020	30 July 2020
Temperature (C)	31°C/ 27°C	32°C/ 27°C	33°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h26m12s/18h43m24s	5h26m36s/18h42m54s	5h27m00s/18h42m24s
Day Length	13h17m12s	13h16m18s	13h15m24s
Moon Rise/ Set	- -	1:56PM 12:26AM	2:59PM 1:12AM
Moon Phase/ illu	Waxing Gibbous, 3%	Waxing Gibbous, 66%	Waxing Gibbous, 77%
NauticalTwilight	0432,1936	0433,1936	0433,1935
Civil Twilight	0501,1907	0502,1907	0502,1906
Humidity	D : 78% N : 84%	D : 75% N : 83%	D : 73% N : 82%
Barometer (mb)	1004	1004	1006
Visibility	Good	Good	Good
Precip Chance	80%	60%	60%
Wind (mph)	11 Km/h SSW	14 Km/h S	11 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	28 July 2020	29 July 2020	30 July 2020
Temperature (C)	31°C/ 26°C	31°C/ 26°C	31°C/ 26°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h23m06s/18h35m06s	5h23m24s/18h34m36s	5h23m48s/18h34m06s
Day Length	13h12m00s	13h11m12s	13h10m18s
Moon Rise/ Set	- -	1:48PM 12:22AM	2:50PM 1:08AM
Moon Phase/ illu	Waxing Gibbous, 3%	Waxing Gibbous, 66%	Waxing Gibbous, 77%
NauticalTwilight	0430, 1927	0430, 1927	0431, 1926
Civil Twilight	0459, 1859	0459, 1858	0459, 1858
Humidity	D : 81% N : 89%	D : 81% N : 91%	D : 81% N : 92%
Barometer (mb)	1005	1006	1007
Visibility	Good	Good	Good
Precip Chance	40%	50%	50%
Wind (mph)	10 Km/h SSW	11 Km/h S	10 Km/h SSW

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



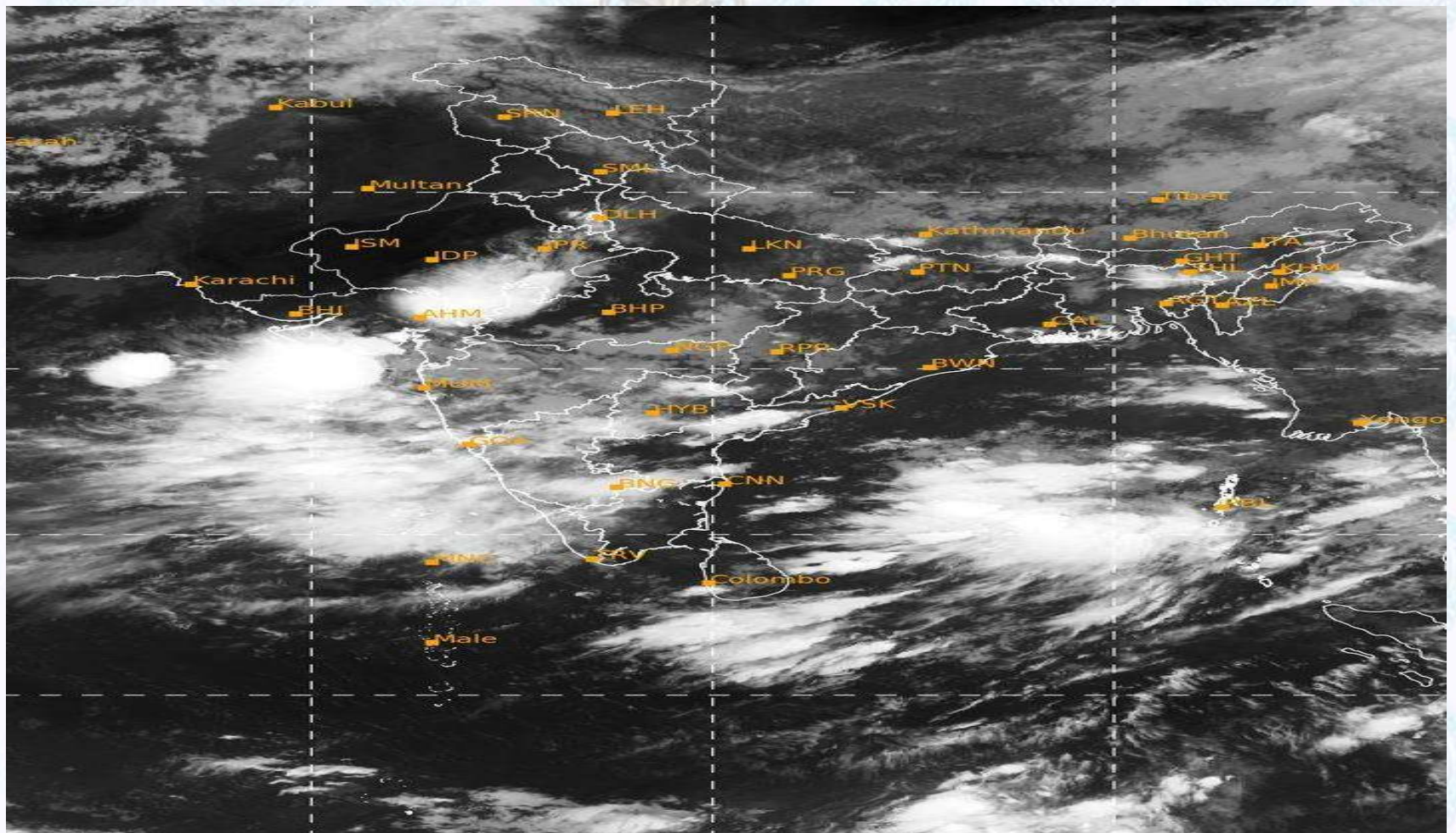
GENERAL WEATHER FORECAST – KHULNA

Description	28 July 2020	29 July 2020	30 July 2020
Temperature(C)	31°C/ 27°C	33°C/ 26°C	33°C/ 26°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h31m18s/18h45m06s	5h31m36s/18h44m36s	5h32m06s/18h44m06s
Day Length	13h13m48s	13h13m00s	13h12m00s
Moon Rise/Set	- -	1:59PM 12:32AM	3:01PM 1:18AM
Moon Phase/illu	Waxing Gibbous, 3%	Waxing Gibbous, 66%	Waxing Gibbous, 77%
Nautical Twilight	0438, 1937	0438, 1937	0439, 1936
Civil Twilight	0507, 1909	0507, 1908	0508, 1908
Humidity	D : 82% N : 88%	D : 78% N : 87%	D : 76% N : 86%
Barometer (mb)	1004	1004	1006
Visibility	Good	Good	Good
Precip Chance	80%	60%	80%
Wind (mph)	12 km/h S	15 km/h S	12 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL

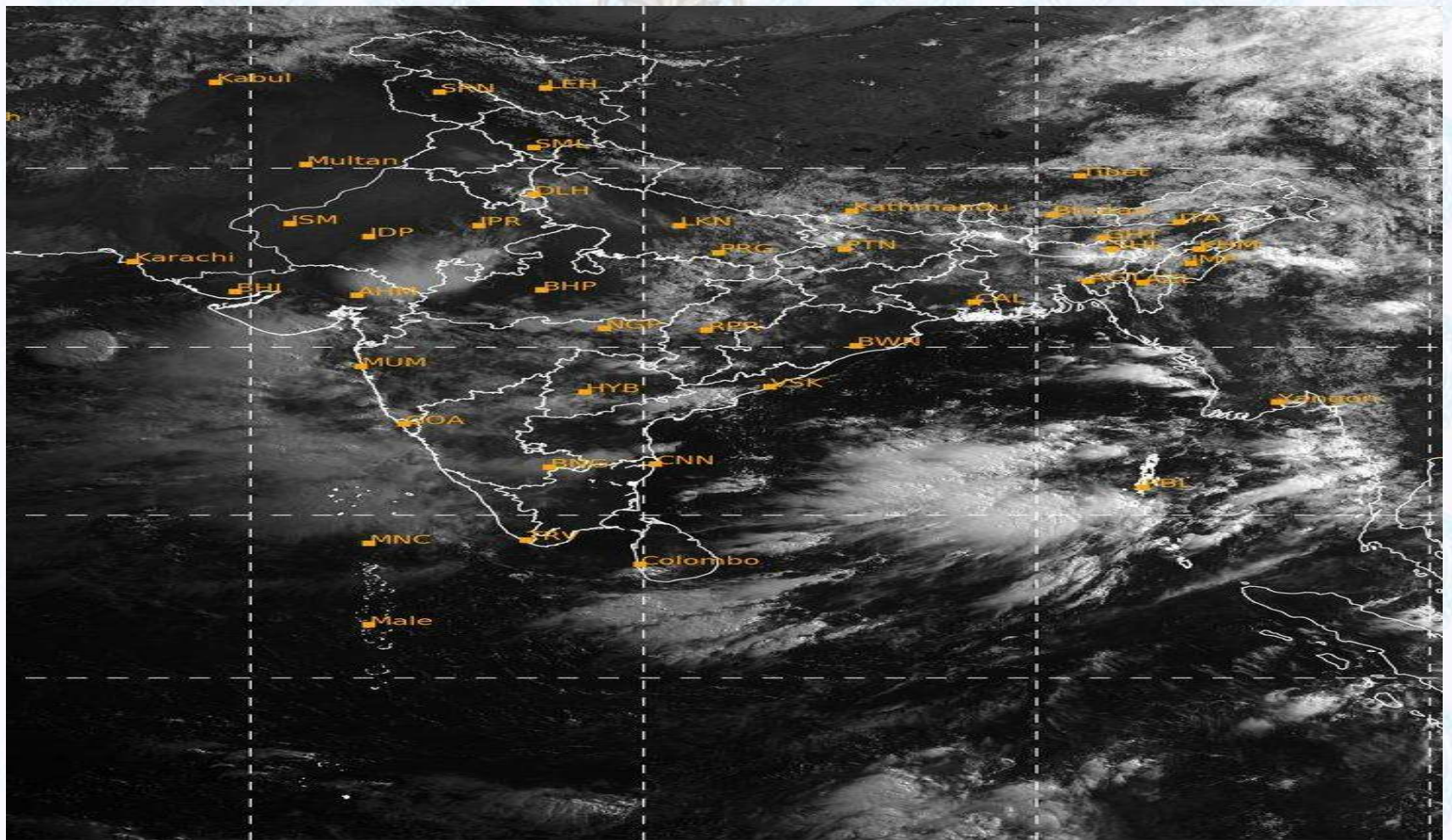


27/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



27/07/2020, 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 27.07.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY . MONSOON IS WEAK OVER NORTH BAY.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	S /SW'LY, 08-12 KTS 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 =1006 HPA



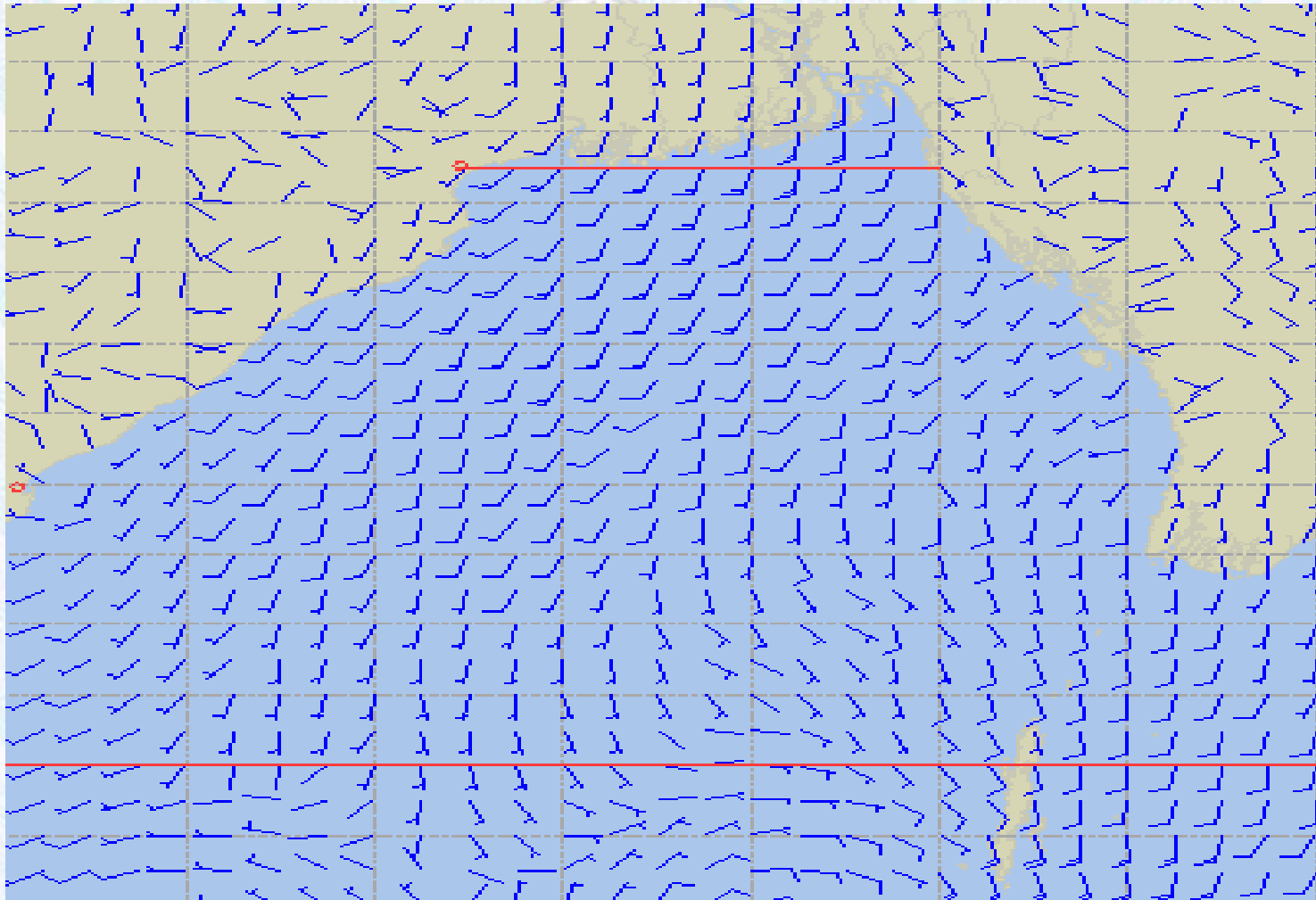
Inland River Port Warning **(VALID TILL 07 PM OF 27.07.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-WESTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS RAJSHAHI, RANGPUR PABNA, BOGURA, TANGAI, MYMENSING, DHAKA, SYLHET AND CUMILLA WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 28 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



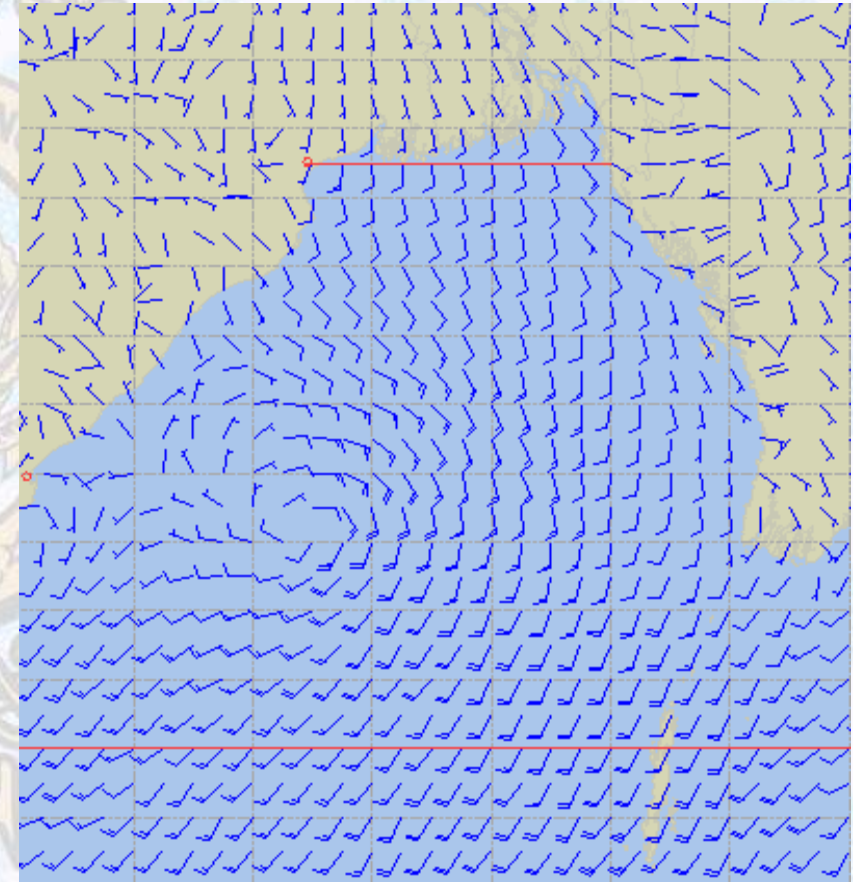
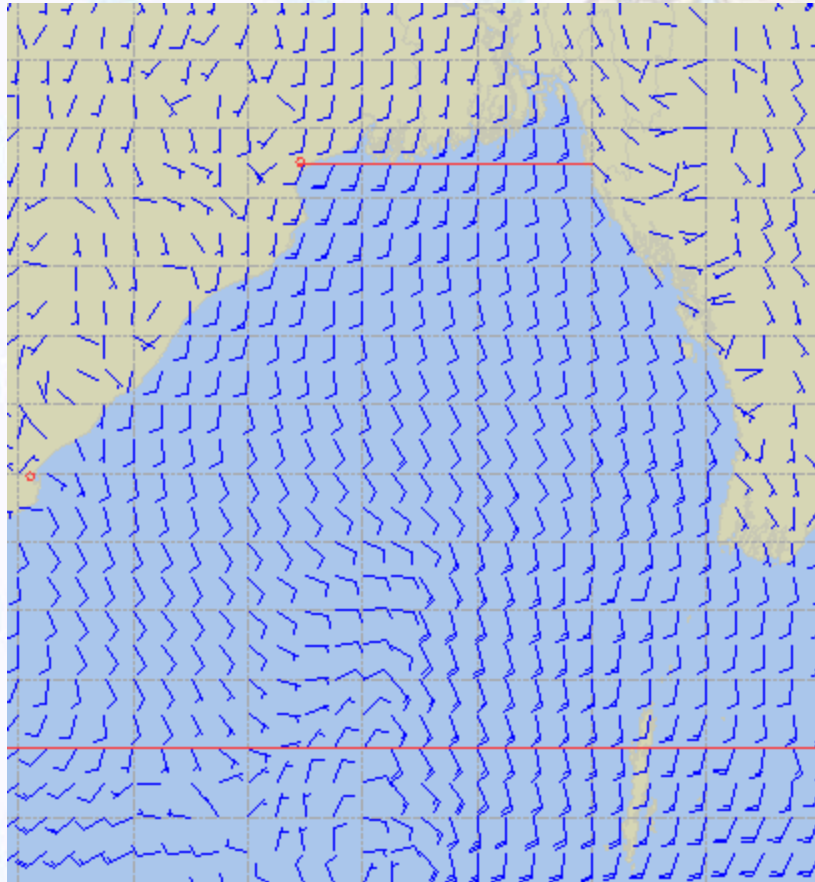
60 Knots



Surface Wind Forecast – 29 & 30 July - 2020

29 July 2020 Wednesday

30 July 2020 Thursday



Legend:



Calm
Winds



5 Knots



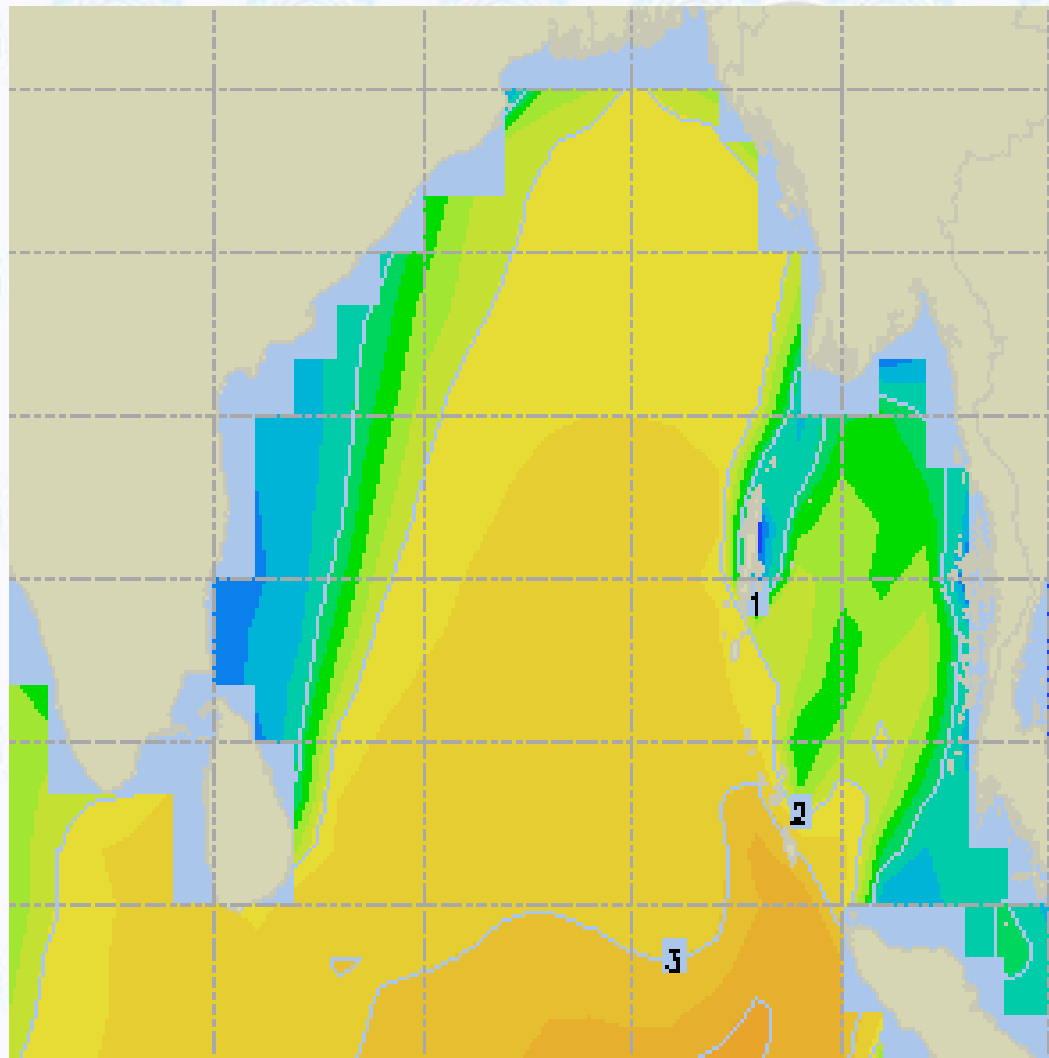
10 Knots



60 Knots



Sea State Forecast – 28 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

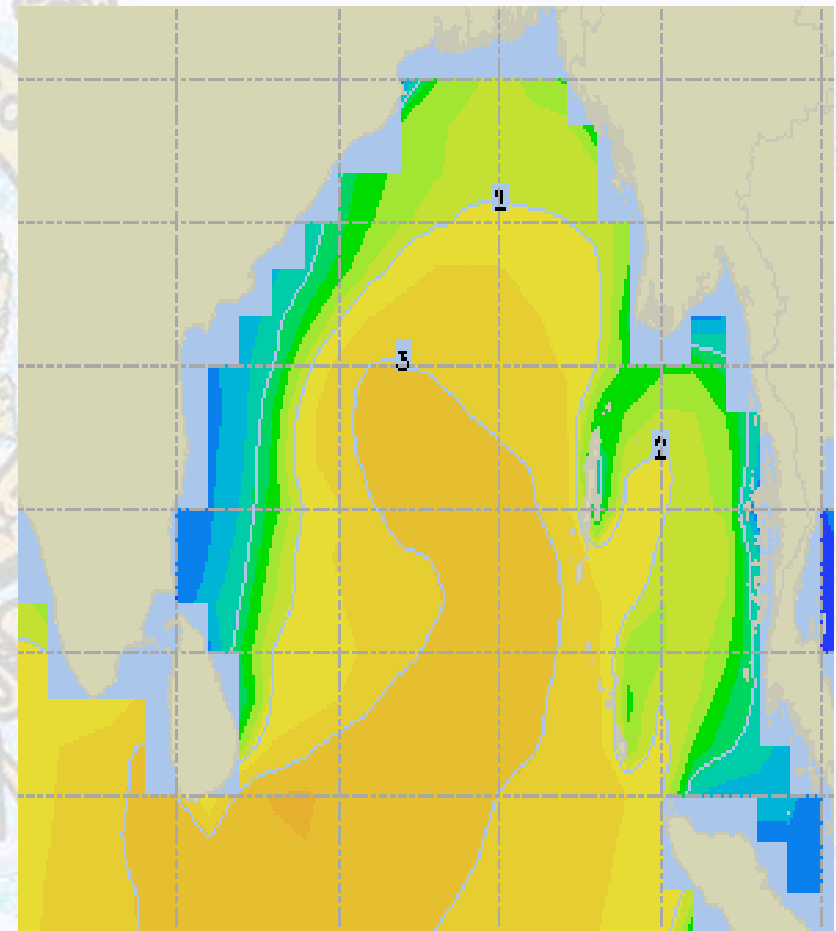
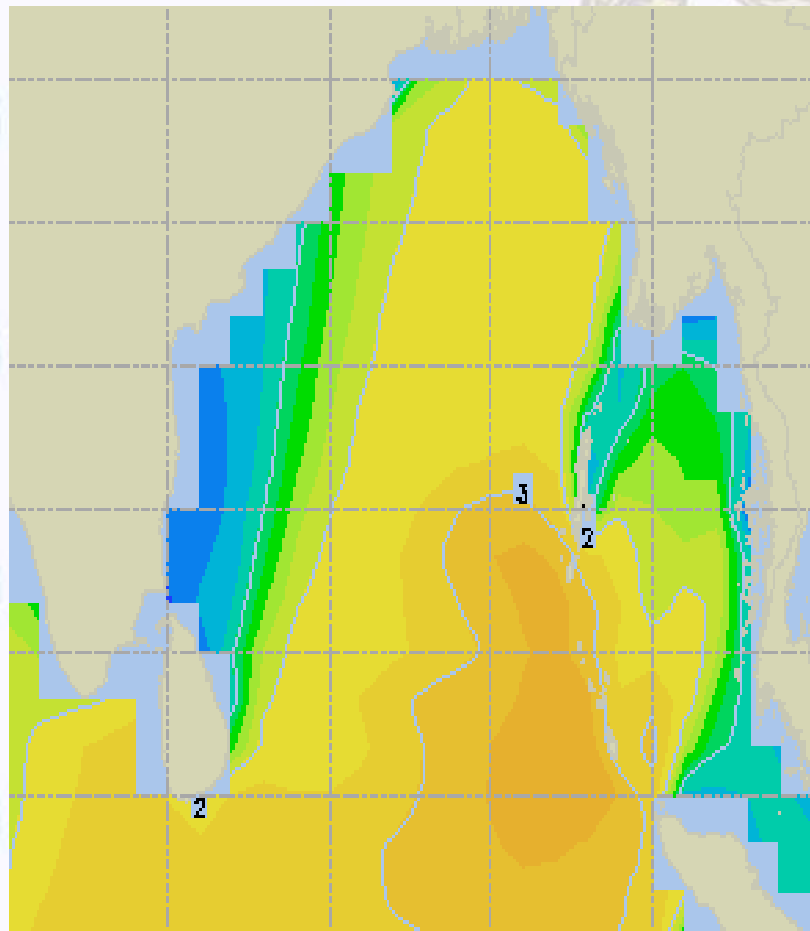




Sea State Forecast – 29 & 30 July - 2020

29 July 2020 Wednesday

30 July 2020 Thursday

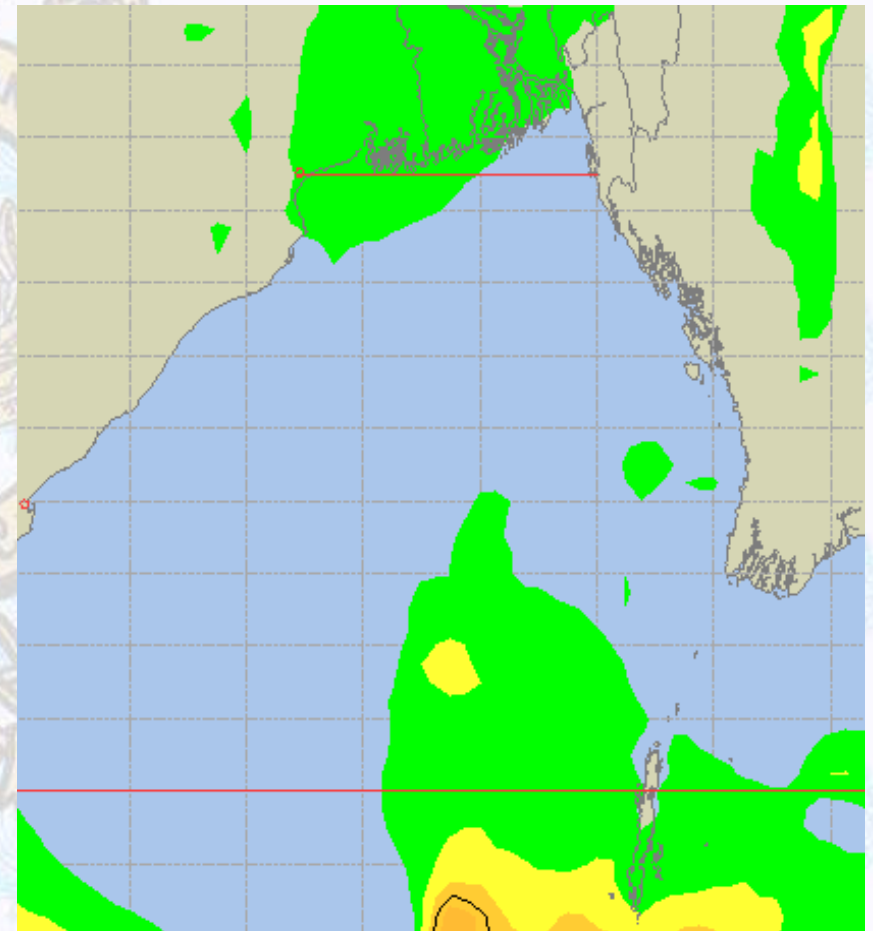
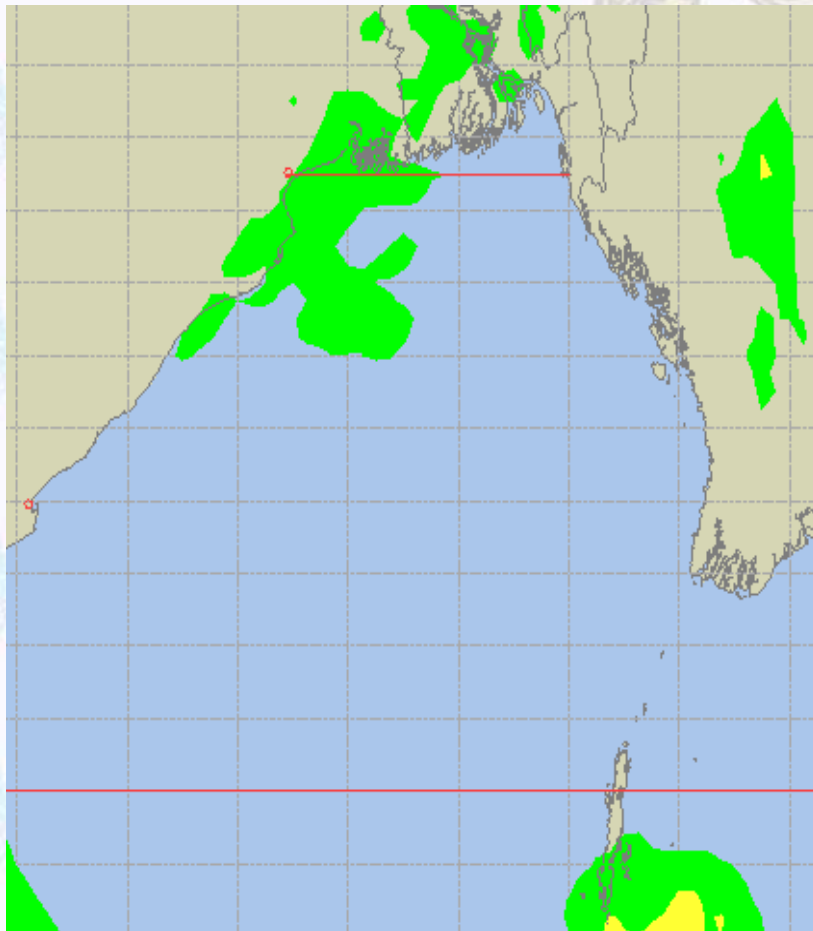




Peak Gusting Possibilities— 28 & 29 July 2020

28 July 2020 Tuesday

29 July 2020 Wednesday

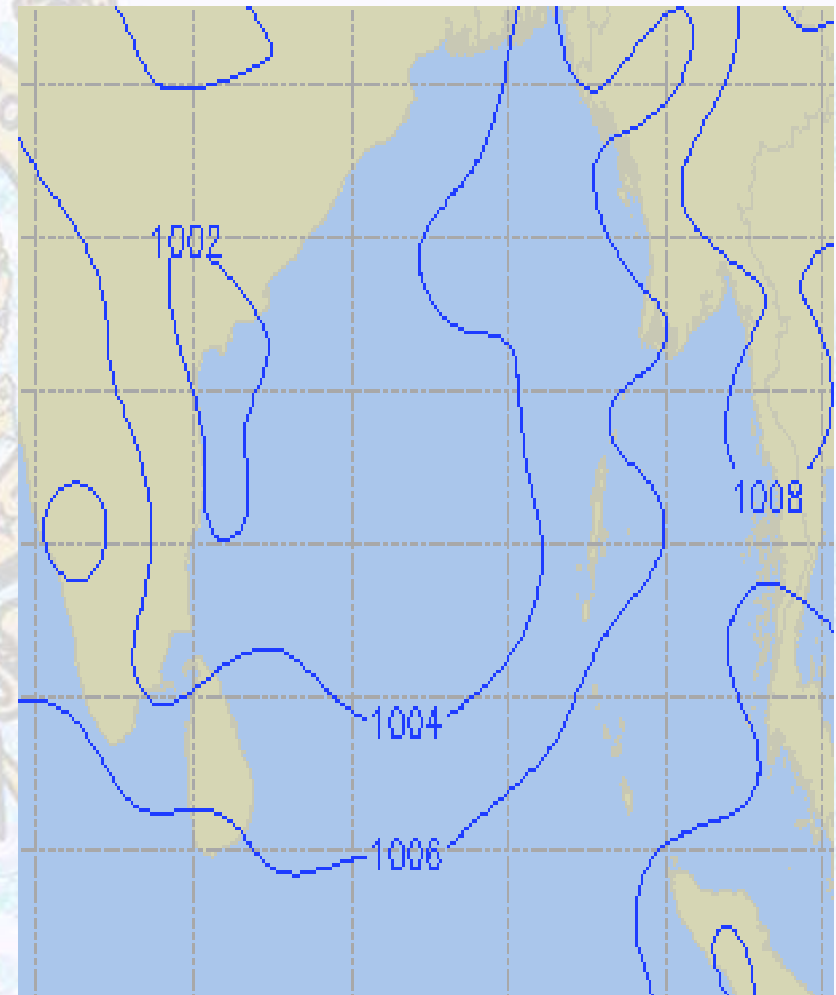
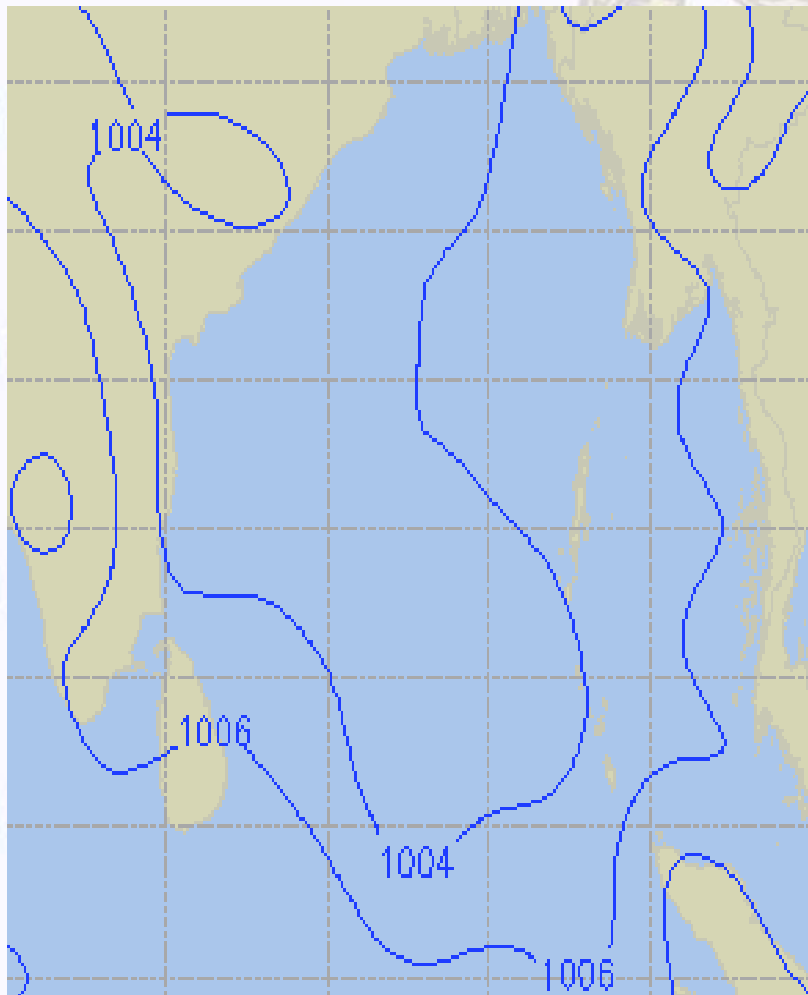




Surface Pressure forecast— 28 & 29 July 2020

28 July 2020 Tuesday

29 July 2020 Wednesday

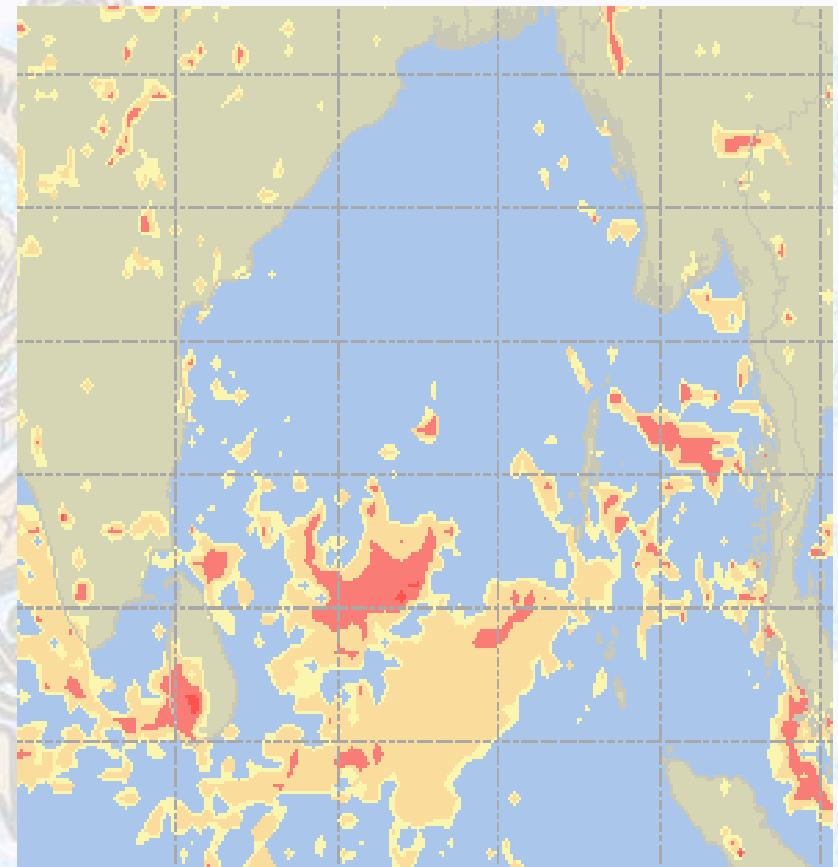
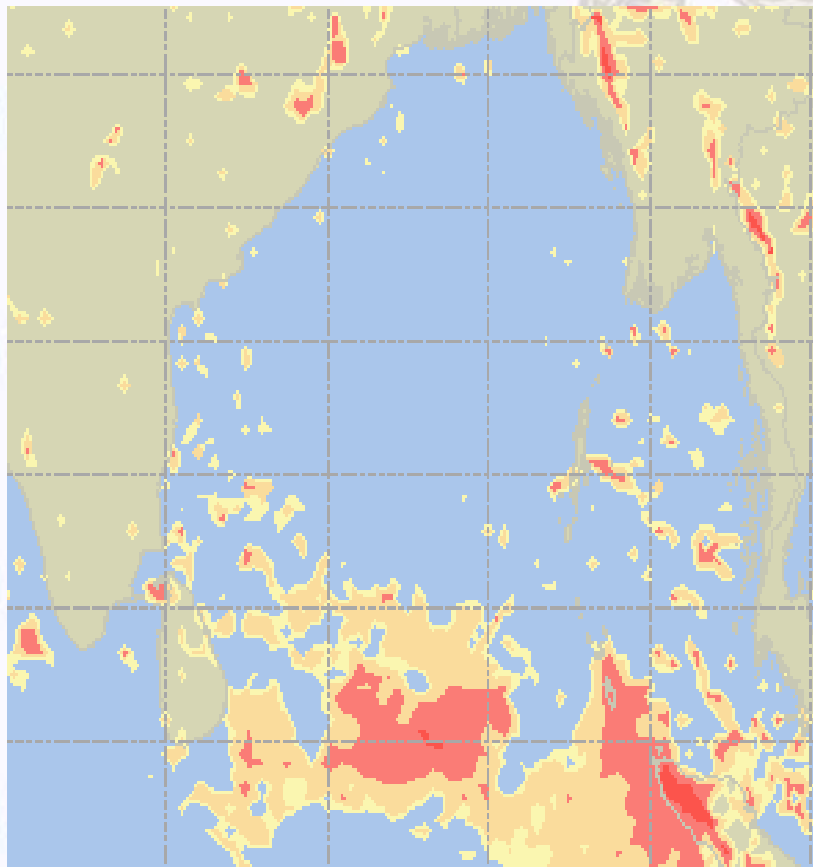




Visibility at Sea Forecast – 28 & 29 July 2020

28 July 2020 Tuesday

29 July 2020 Wednesday



Visibility Scale:

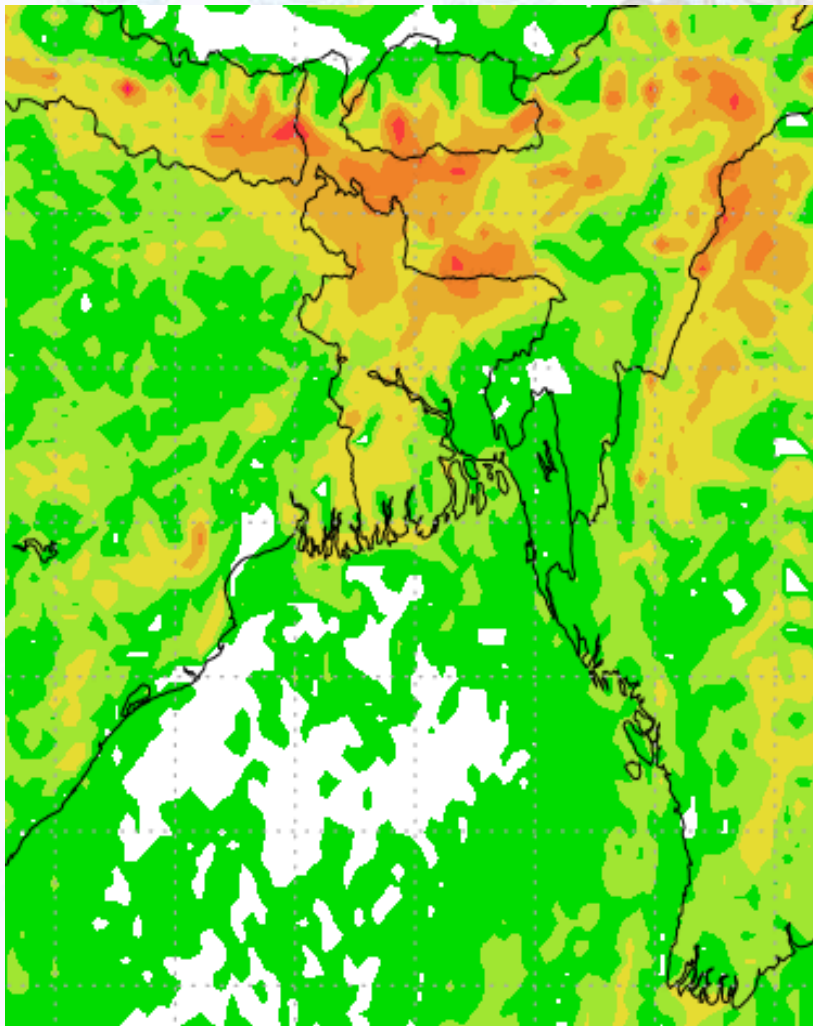


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

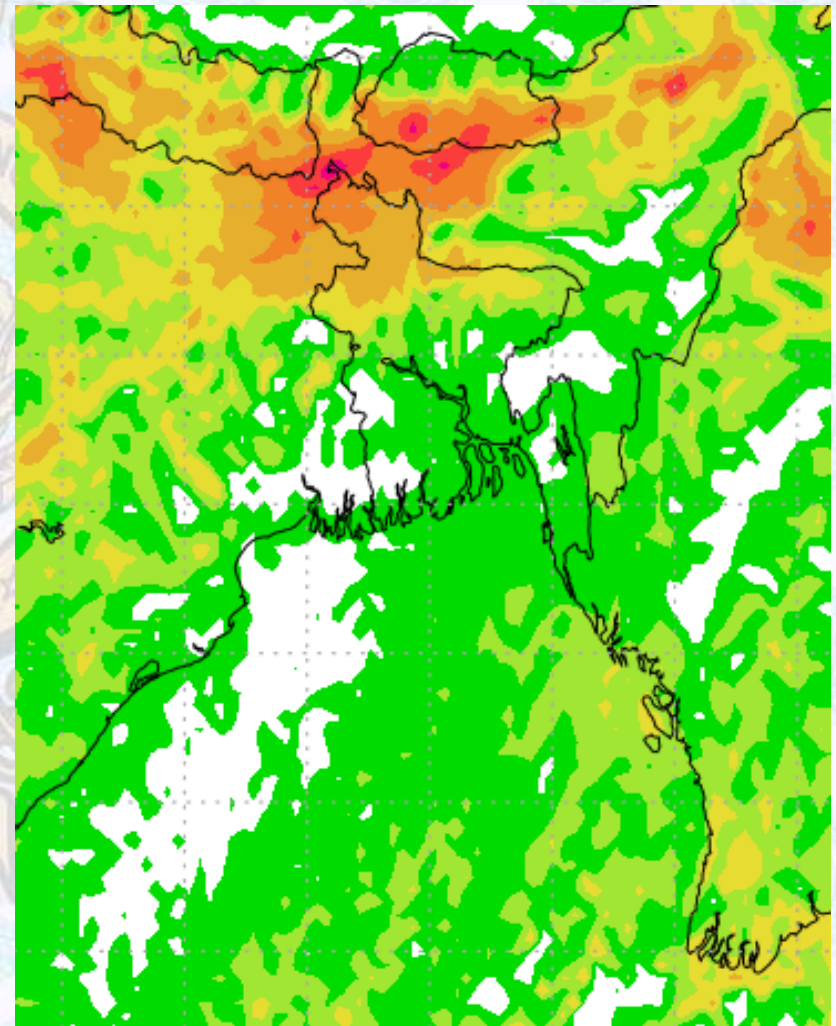


Precipitation

Rain(mm) 28 & 29 July 2020



Rain(mm) 29 & 30 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
28 July 2020	0041	1.09		0410	3.17		0401	3.00
	0652	4.82		1047	1.33		1017	1.51
	1319	1.37		1643	3.10		1612	2.81
	1921	4.53		2323	1.38		2247	1.34
29 July 2020	Time	Height		Time	Height		Time	Height
	0151	1.25		0525	3.11		0517	2.93
	0808	4.75		1203	1.39		1142	1.63
	1441	1.43		1758	2.99		1737	2.67
	2043	4.37		-	-		-	-
30 July 2020	Time	Height		Time	Height		Time	Height
	0306	1.32		0039	1.39		0008	1.41
	0924	4.78		0643	3.16		0644	2.95
	1600	1.35		1324	1.37		1316	1.62
	2203	4.39		1915	2.99		1913	2.65