



WEATHER FORECAST FOR BN

29 JULY- 01 AUG 2020





WEATHER FORECAST – DHAKA

29.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	29 / 26	29 / 25	29 / 25
Wind	7 km/h S	8 km/h S	9 km/h S	11 km/h S
Humidity	87%	84%	80%	83%
Chance of Precip	22%	45%	33%	30%
Cloud Cover	95%	97%	94%	93%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 26 AM 6: 42 PM			

Conditions

Pressure : 1004 hpa

Visibility : 6.44 km

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



WEATHER FORECAST – CHATTOGRAM

29.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	31 / 26	29 / 26	29 / 27
Wind	8 km/h SSW	7 km/h SSW	7 km/h SSE	7 km/h SE
Humidity	73%	74%	87%	91%
Chance of Precip.	15%	13%	33%	52%
Cloud Cover	83%	85%	86%	85%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 23 AM 6: 34 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

29.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	31 / 27	29 / 27	29 / 27
Wind	5 km/h S	8 km/h S	8 km/h S	7 km/h SSE
Humidity	79%	79%	88%	90%
Chance of Precip.	15%	13%	10%	7%
Cloud Cover	91%	90%	77%	80%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 31 AM 6: 44 PM			

Conditions

Pressure : 1004 hpa

Visibility : 6.66 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	30 July 2020	31 July 2020	01 August 2020
Temperature (C)	32 °C/ 27 °C	32 °C/ 27 °C	34 °C/ 27 °C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h27m00s/18h42m24s	5h27m24s/18h41m54s	5h27m44s/18h41m18s
Day Length	13h15m24s	13h14m30s	13h13m24s
Moon Rise/ Set	2:59PM 1:12AM	4:00PM 2:01AM	4:59PM 2:55AM
Moon Phase/ illu	Waxing Gibbous, 77%	Waxing Gibbous, 85%	Waxing Gibbous, 92%
NauticalTwilight	0433,1935	0434,1934	0434,1933
Civil Twilight	0502,1906	0503,1906	0504,1905
Humidity	D : 77% N : 84%	D : 75% N : 84%	D : 71% N : 81%
Barometer (mb)	1006	1005	1004
Visibility	Good	Good	Good
Precip Chance	80%	50%	40%
Wind (mph)	11 Km/h S	9 Km/h S	7 Km/h SSW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	30 July 2020	31 July 2020	01 August 2020
Temperature (C)	31 °C/ 25 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Cloudy/ Light rain	Cloudy/ Light rain	Cloudy/ Light rain
Sun Rise/Set	5h23m48s/18h34m06s	5h24m06s/18h33m36s	5h24m36s/18h33m00s
Day Length	13h10m18s	13h09m30s	13h08m24s
Moon Rise/ Set	2:50PM 1:08AM	3:51PM 1:58AM	4:50PM 2:52AM
Moon Phase/ illu	Waxing Gibbous, 77%	Waxing Gibbous, 85%	Waxing Gibbous, 92%
Nautical Twilight	0431, 1926	0431, 1925	0432, 1924
Civil Twilight	0459, 1858	0500, 1857	0501, 1856
Humidity	D : 83% N : 93%	D : 83% N : 93%	D : 82% N : 92%
Barometer (mb)	1007	1007	1005
Visibility	Good	Good	Good
Precip Chance	50%	40%	20%
Wind (mph)	11 Km/h S	10 Km/h SSW	9 Km/h WSW

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



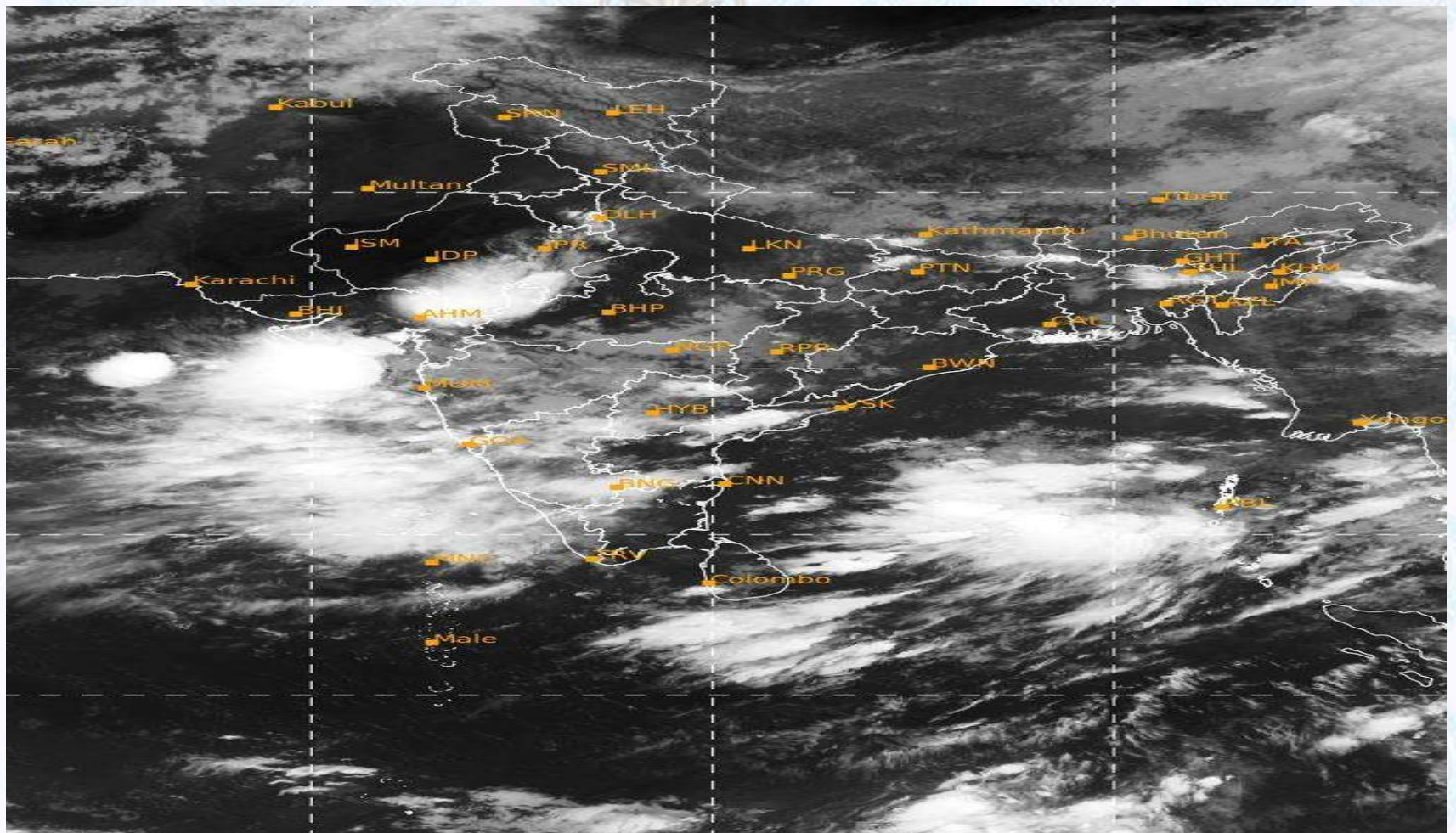
GENERAL WEATHER FORECAST – KHULNA

Description	30 July 2020	31 July 2020	01 August 2020
Temperature(C)	32°C/ 27°C	33°C/ 27°C	34°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h32m06s/18h44m06s	5h32m24s/18h43m36s	5h32m54s/18h43m00s
Day Length	13h12m00s	13h11m12s	13h10m06s
Moon Rise/Set	3:01PM 1:18AM	4:02PM 2:08AM	5:00PM 3:02AM
Moon Phase/illu	Waxing Gibbous, 77%	Waxing Gibbous, 85%	Waxing Gibbous, 92%
Nautical Twilight	0439, 1936	0440, 1936	0441, 1935
Civil Twilight	0508, 1908	0508, 1907	0509, 1906
Humidity	D : 79% N : 88%	D : 77% N : 87%	D : 73% N : 85%
Barometer (mb)	1006	1005	1004
Visibility	Good	Good	Good
Precip Chance	80%	50%	30%
Wind (mph)	13 km/h S	9 km/h S	8 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

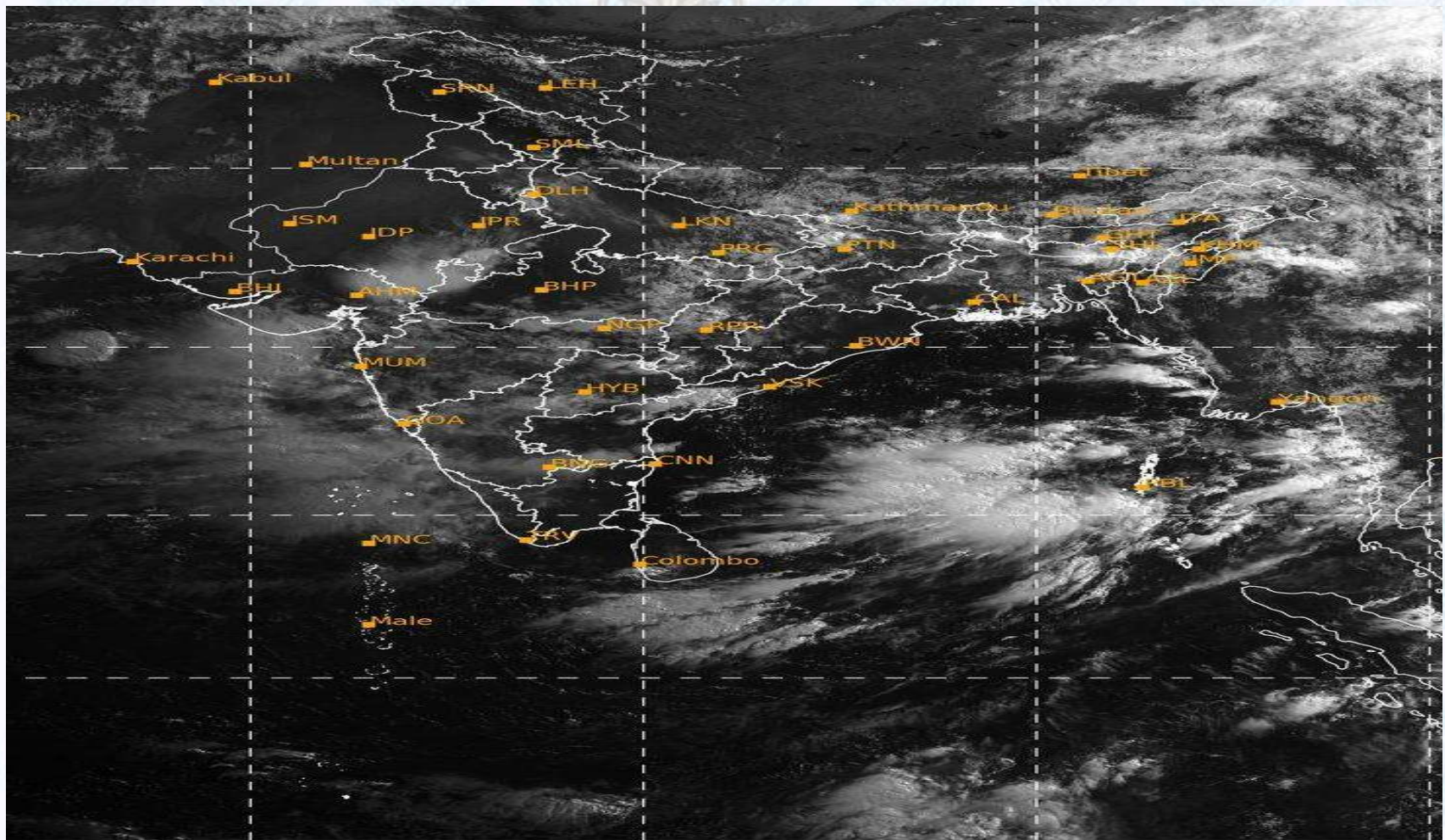


29/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



29/07/2020, 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 29.07.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK TO MODERATE OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH /SOUTH-WESTERLY, 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



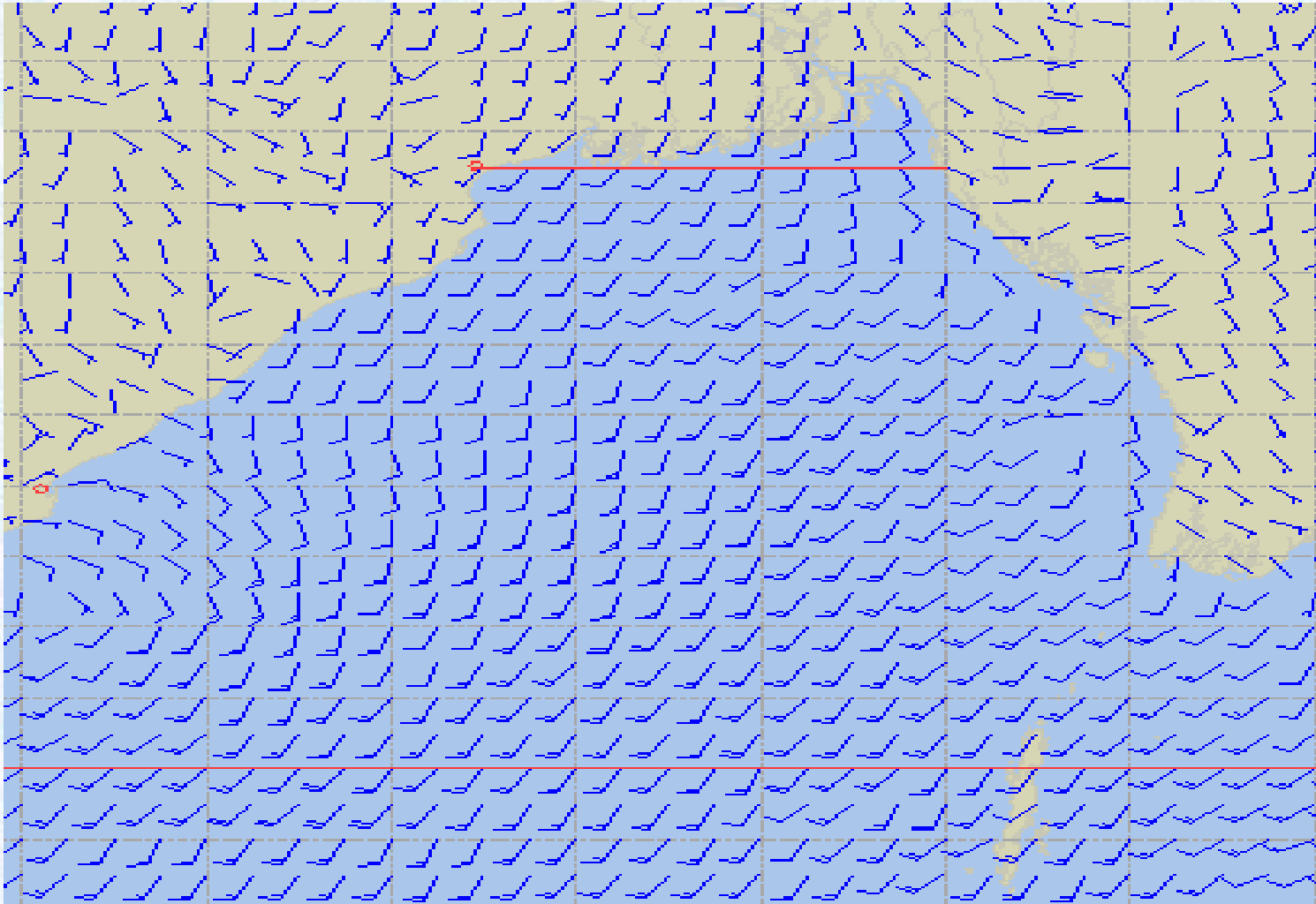
Inland River Port Warning **(VALID TILL 07 PM OF 29.07.2020)**

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 RANGPUR, DINAJPUR, RAJSHAHI, 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 @ ONE.

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



Surface Wind Forecast- 30 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



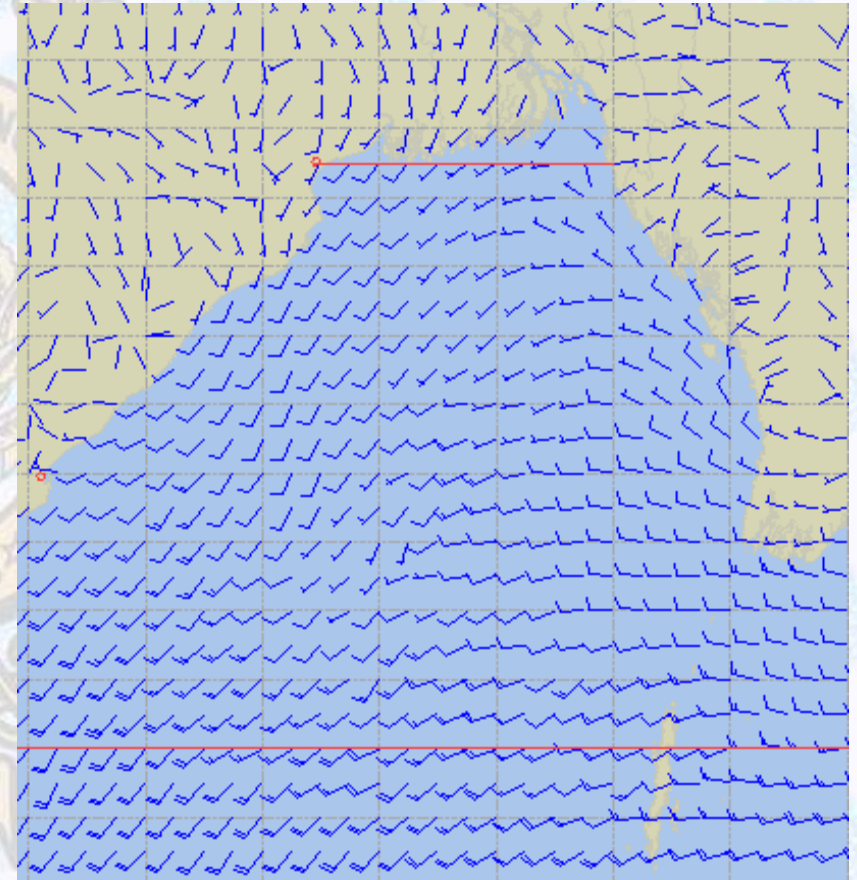
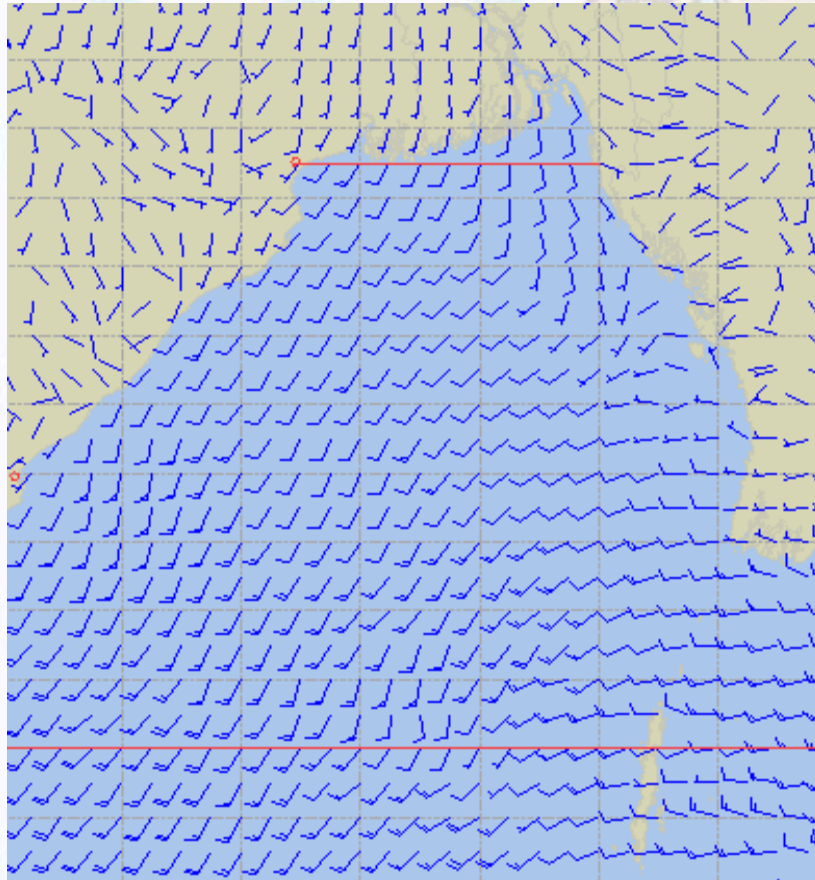
60 Knots



Surface Wind Forecast – 31 July & 01 Aug - 2020

31 July 2020 Friday

01 August 2020 Saturday



Legend:



Calm
Winds



5 Knots



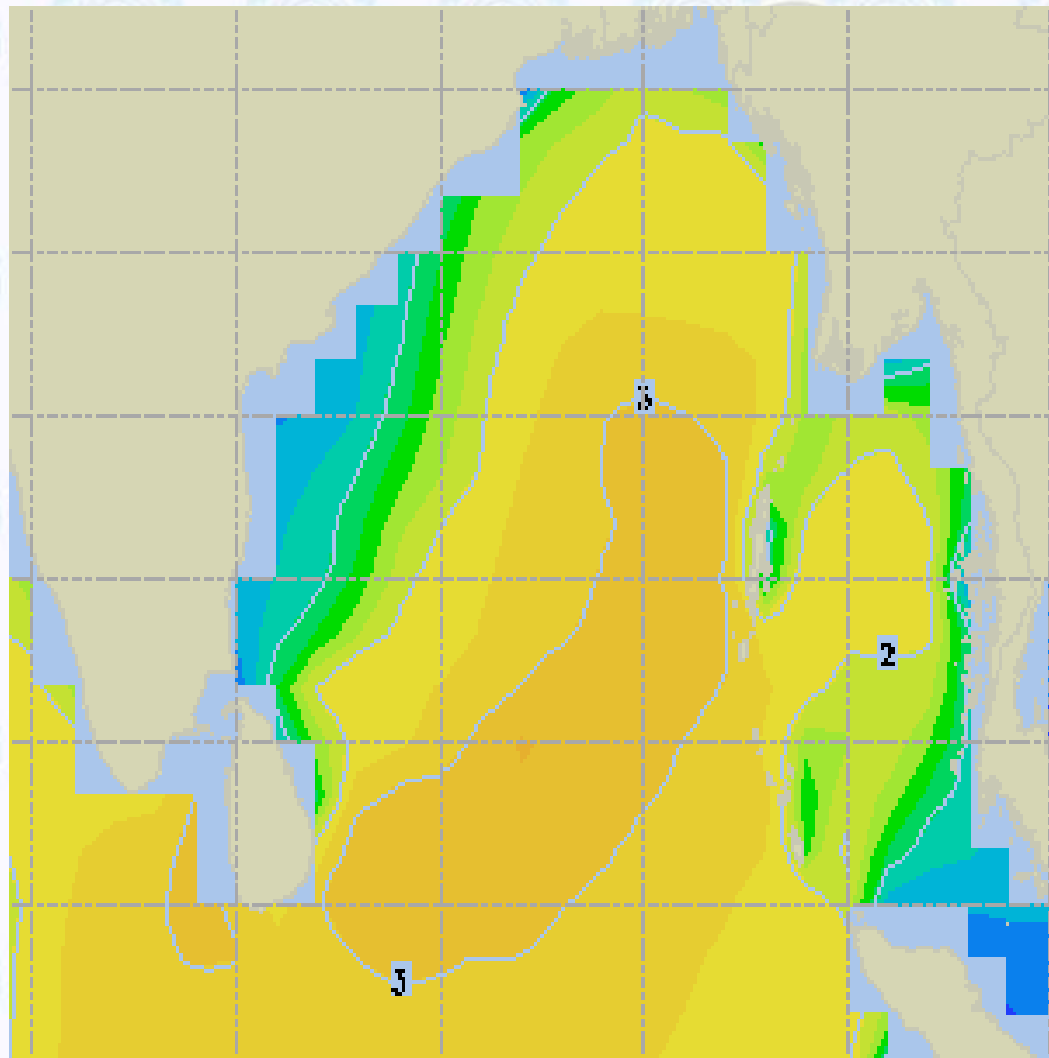
10 Knots



60 Knots



Sea State Forecast – 30 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

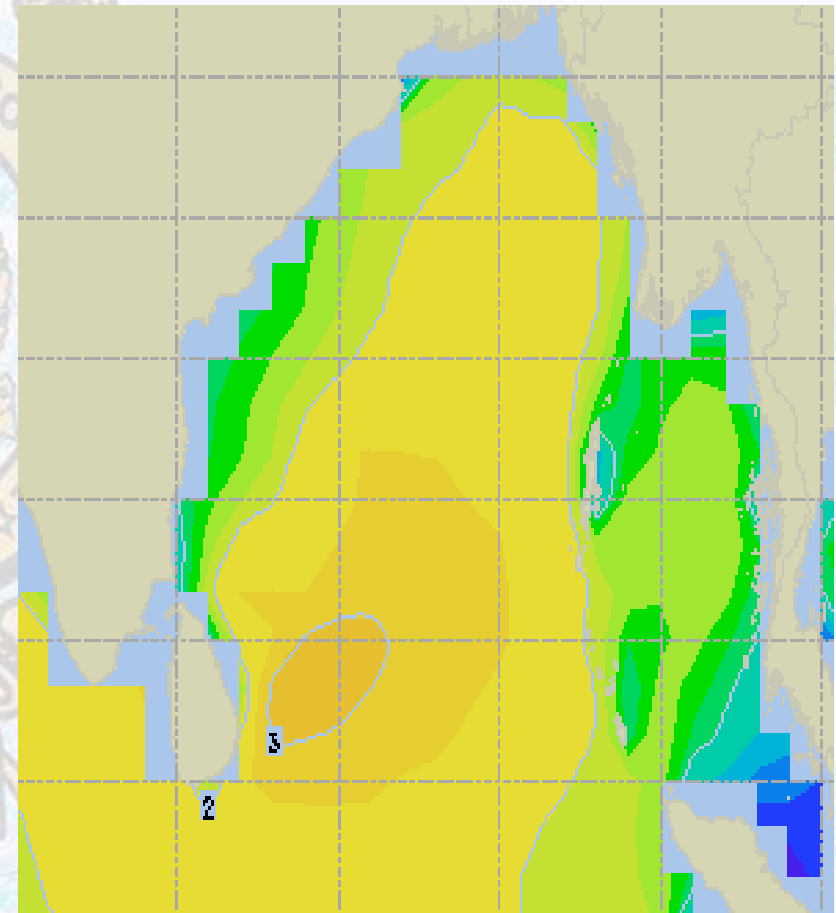
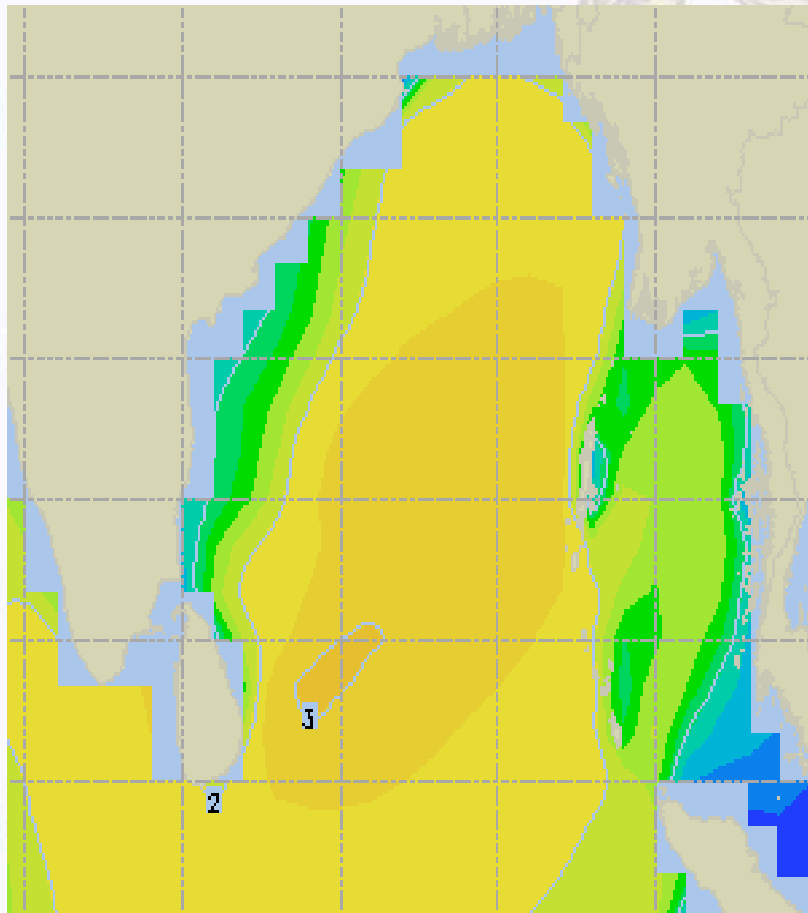




Sea State Forecast – 31 July & 01 Aug - 2020

31 July 2020 Friday

01 August 2020 Saturday

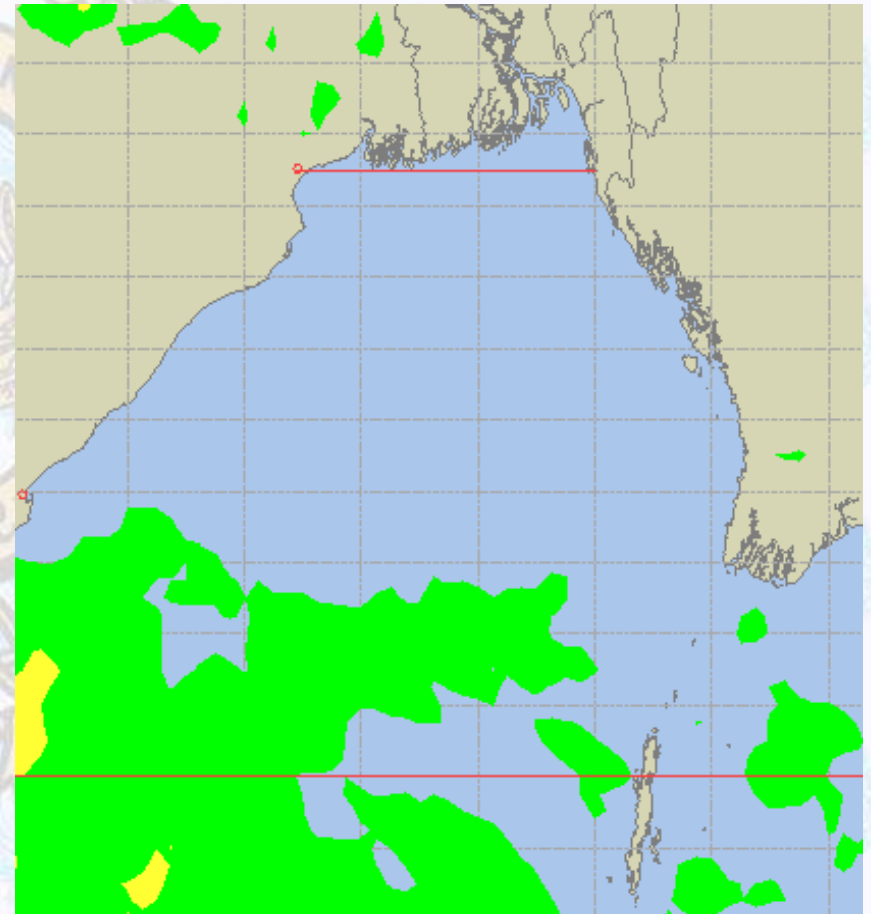
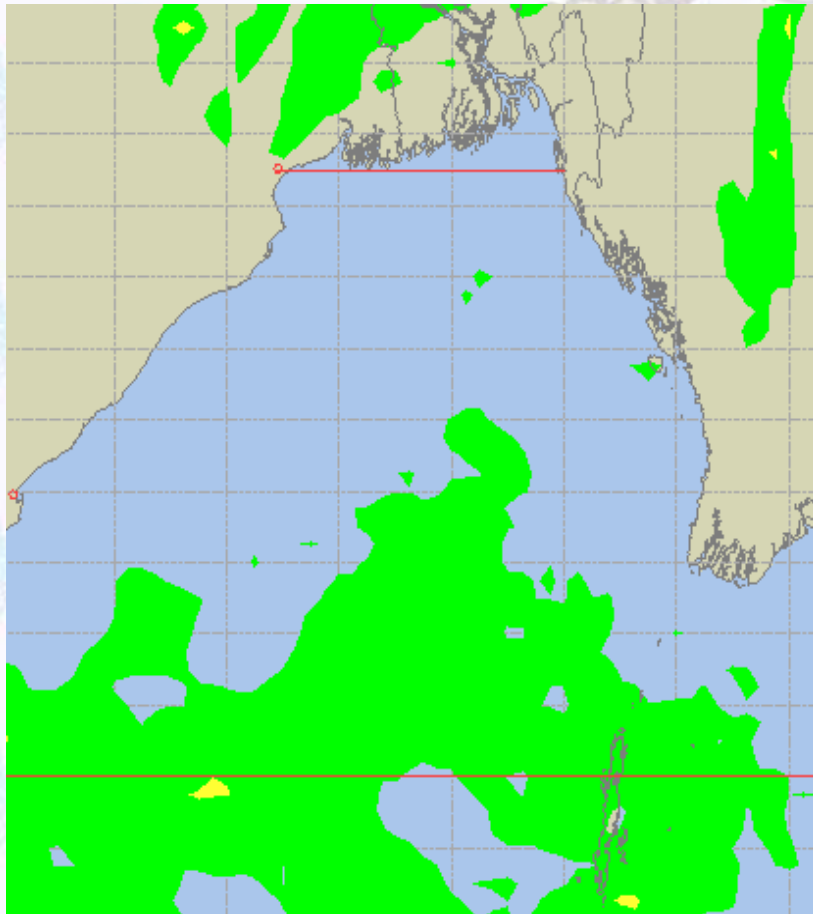




Peak Gusting Possibilities— 30 & 31 July 2020

30 July 2020 Thursday

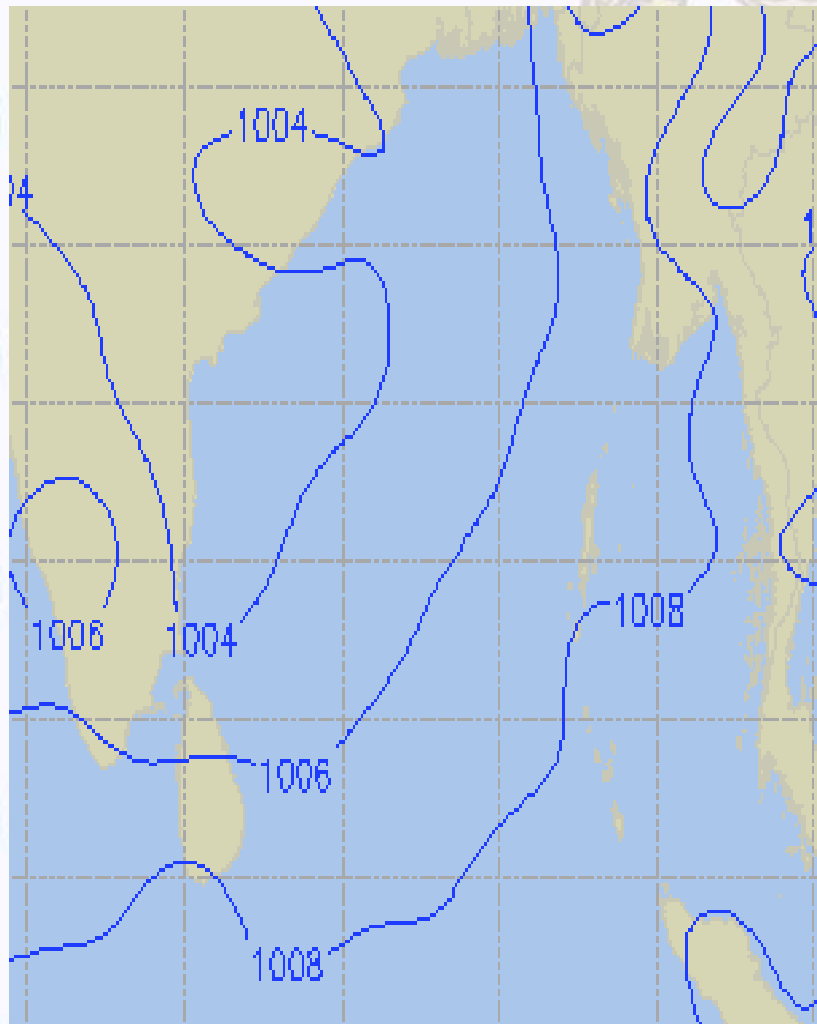
31 July 2020 Friday



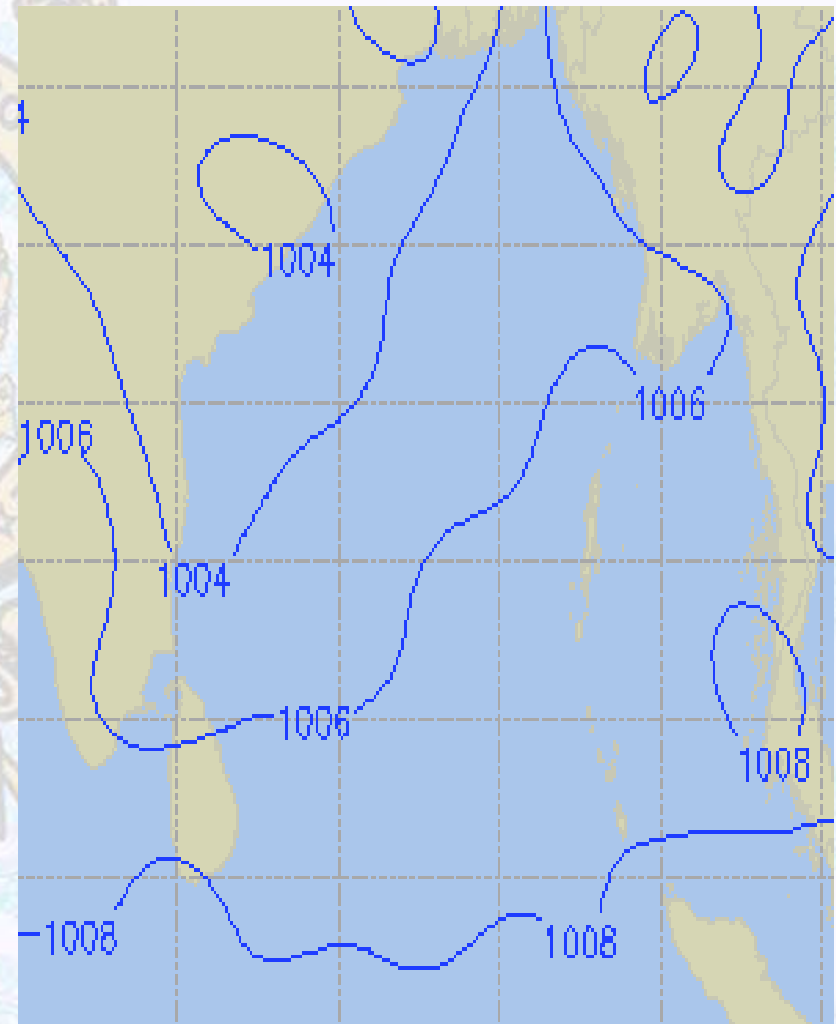


Surface Pressure forecast— 30 & 31 July 2020

30 July 2020 Thursday



31 July 2020 Friday

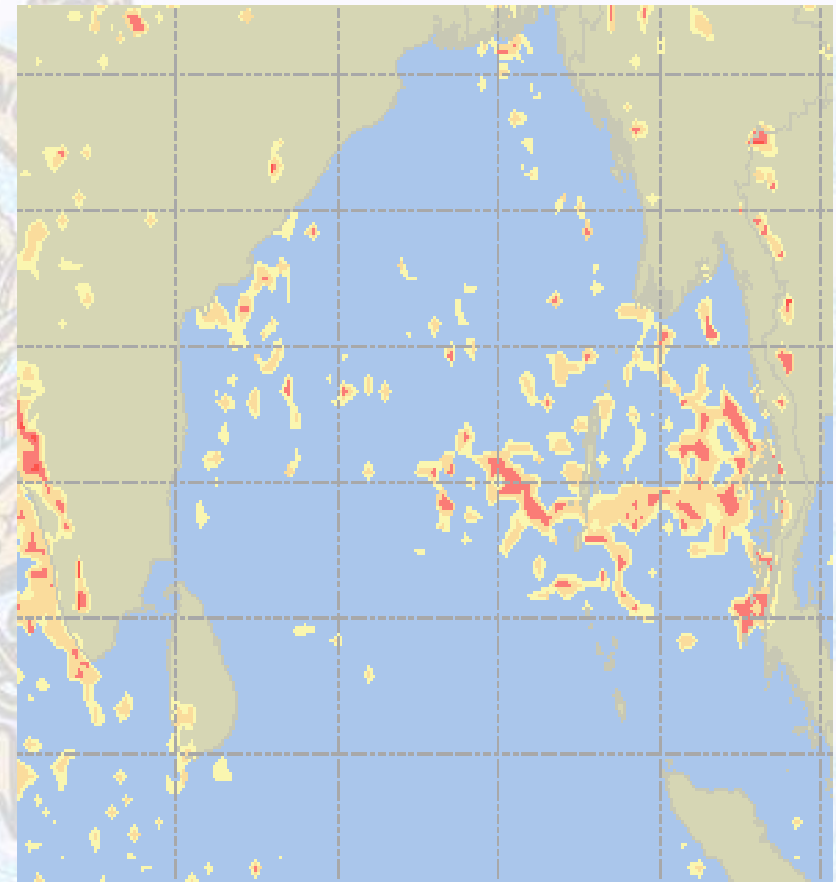
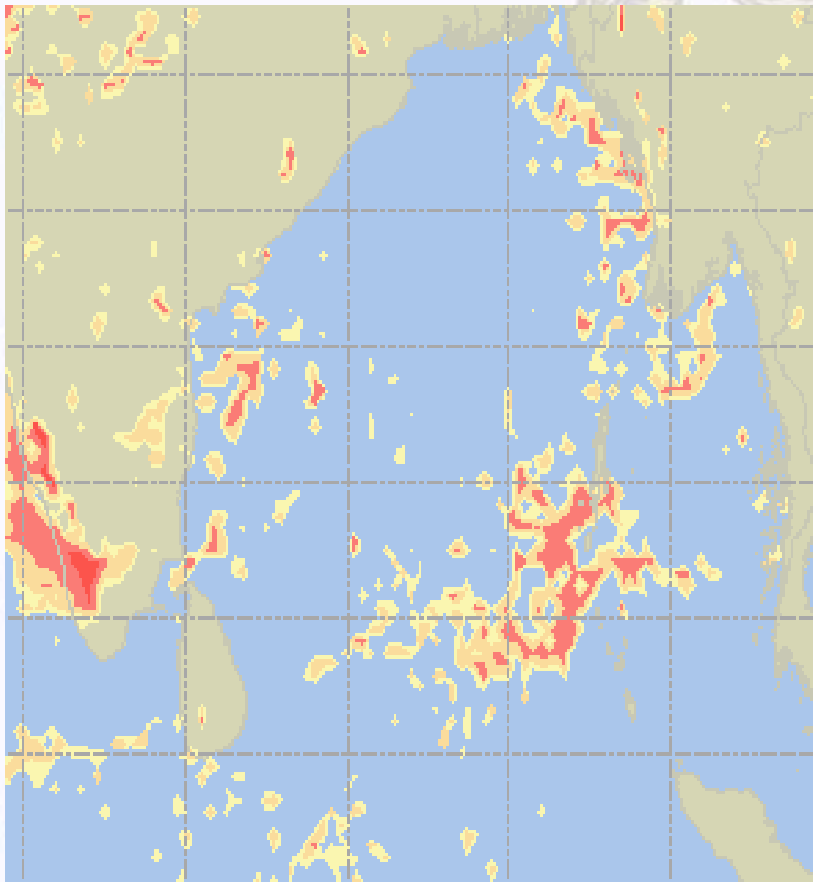




Visibility at Sea Forecast – 30 & 31 July 2020

30 July 2020 Thursday

31 July 2020 Friday



Visibility Scale:

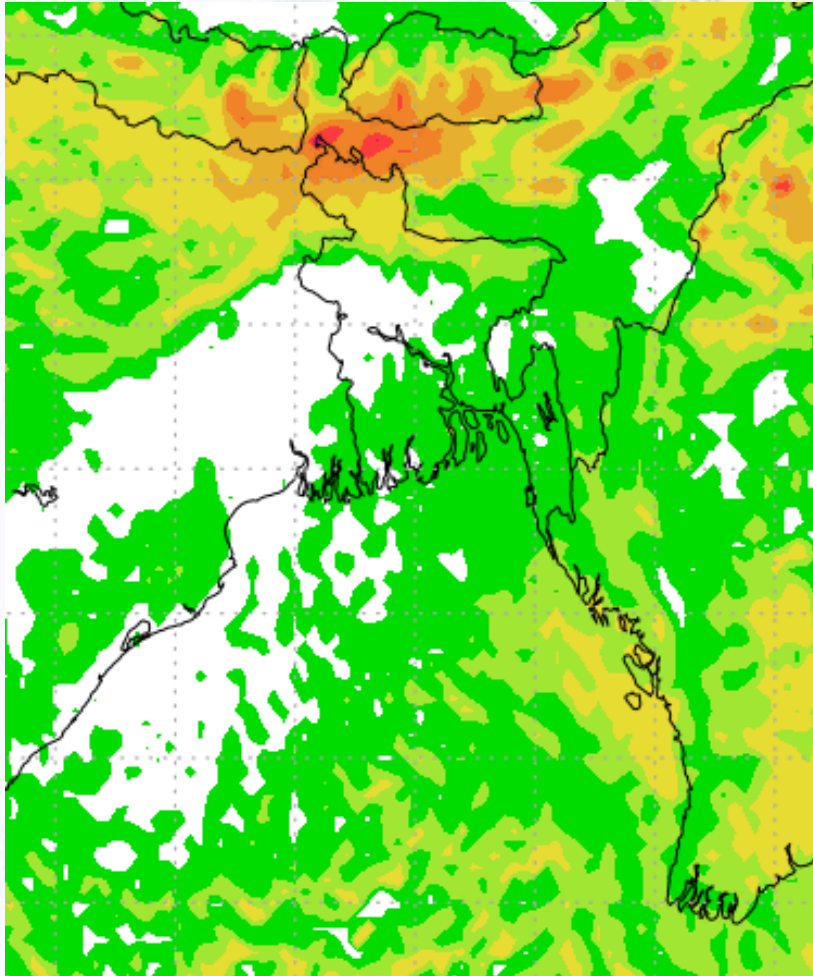


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

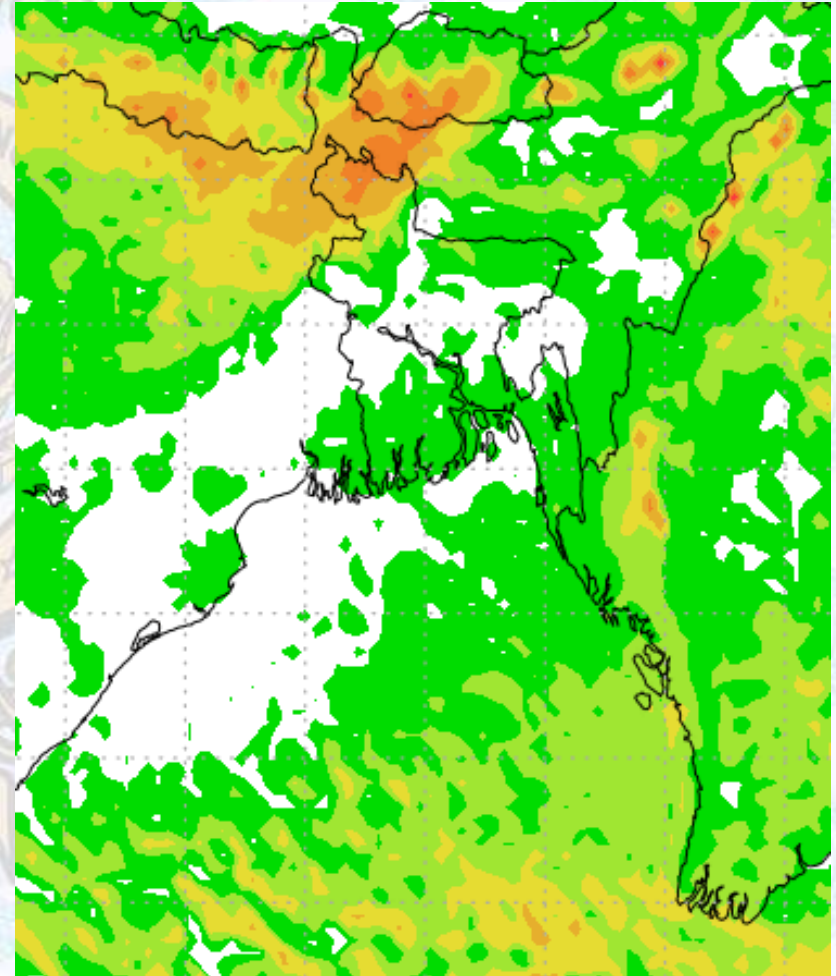


Precipitation

Rain(mm) 30 & 31 July 2020



Rain(mm) 31 July & 01 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
30 July 2020	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
31 July 2020	Time	Height		Time	Height		Time	Height
	0417	1.28		0151	1.33		0127	1.39
	1031	4.89		0752	3.29		0800	3.04
	1709	1.21		1435	1.30		1434	1.50
	2309	4.52		2022	3.08		2031	2.74
01 Aug 2020	Time	Height		Time	Height		Time	Height
	0520	1.18		0256	1.23		0236	1.31
	1128	5.03		0850	3.46		0900	3.17
	1805	1.07		1535	1.21		1533	1.36
	-	-		2117	3.22		2128	2.87