



WEATHER FORECAST FOR BN

29 APR -02 MAY 2020





WEATHER FORECAST – DHAKA

29.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 23	26 / 23	25 / 23	24 / 23
Wind	6 km/h SE	7 km/h SE	6 km/h SSE	6 km/h SSE
Humidity	74%	81%	86%	91%
Chance of Precip	39%	67%	43%	72%
Cloud Cover	82%	75%	74%	75%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 26 AM 6: 27 PM			

Conditions

Pressure : 1009 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

29.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 22	29 / 23	27 / 25	26 / 25
Wind	9 km/h WSW	8 km/h SW	6 km/h S	5 km/h SSE
Humidity	63%	67%	91%	94%
Chance of Precip.	1%	1%	43%	61%
Cloud Cover	72%	60%	70%	75%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 22 AM 6: 18 PM			

Conditions

Pressure : 1010 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

29.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 25	28 / 25	25 / 24	24 / 23
Wind	10 km/h SSE	10 km/h SSE	5 km/h SSE	6 km/h SSE
Humidity	83%	87%	95%	95%
Chance of Precip.	48%	46%	23%	30%
Cloud Cover	72%	74%	52%	35%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 32 AM 6: 30 PM			

Conditions

Pressure : 1008 hpa

Visibility : 12.87 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	30 Apr 2020	01 May 2020	02 May 2020
Temperature (C)	30 °C/ 23 °C	30 °C/ 23 °C	31 °C/ 23 °C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h24m36s/18h26m42s	5h23m54s/18h27m24s	5h22m54s/18h27m24s
Day Length	13h02m06s	13h03m30s	13h04m30s
Moon Rise/ Set	11:04 AM 12:03 PM	12:06 PM 12:53 AM	1:07 PM 1:41 AM
Moon Phase/ illu	First Quarter, 40%	Waxing Gibbous, 52%	Waxing Gibbous, 63%
NauticalTwilight	0433,1918	0432,1919	0432,1919
Civil Twilight	0501,1850	0500,1850	0500,1849
Humidity	D : 78% N : 90%	D : 79% N : 88%	D : 72% N : 89%
Barometer (mb)	1010	1009	1009
Visibility	Good	Good	Good
Precip Chance	50%	50%	50%
Wind (mph)	7 Km/h ESE	7 Km/h ESE	8 Km/h ESE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	30 Apr 2020	01 May 2020	02 May 2020
Temperature (C)	29°C/ 23°C	30°C/ 23°C	31°C/ 23°C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h20m48s/18h18m54s	5h20m12s/18h19m30s	5h19m12s/18h19m30s
Day Length	12h58m06s	12h59m18s	12h59m55s
Moon Rise/ Set	- -	12:01 PM 12:44 AM	1:07 PM 1:41 AM
Moon Phase/ illu	First Quarter, %	Waxing Gibbous, 52%	Waxing Gibbous, 63%
NauticalTwilight	0430, 1910	0429, 1910	0429, 1909
Civil Twilight	0457, 1842	0457, 1842	0456, 1841
Humidity	D : 86% N : 96%	D : 83% N : 96%	D : 76% N : 91%
Barometer (mb)	1011	1010	1010
Visibility	Good	Good	Good
Precip Chance	60%	50%	50%
Wind (mph)	10 Km/h SSW	10 Km/h SSW	10 Km/h SSW

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



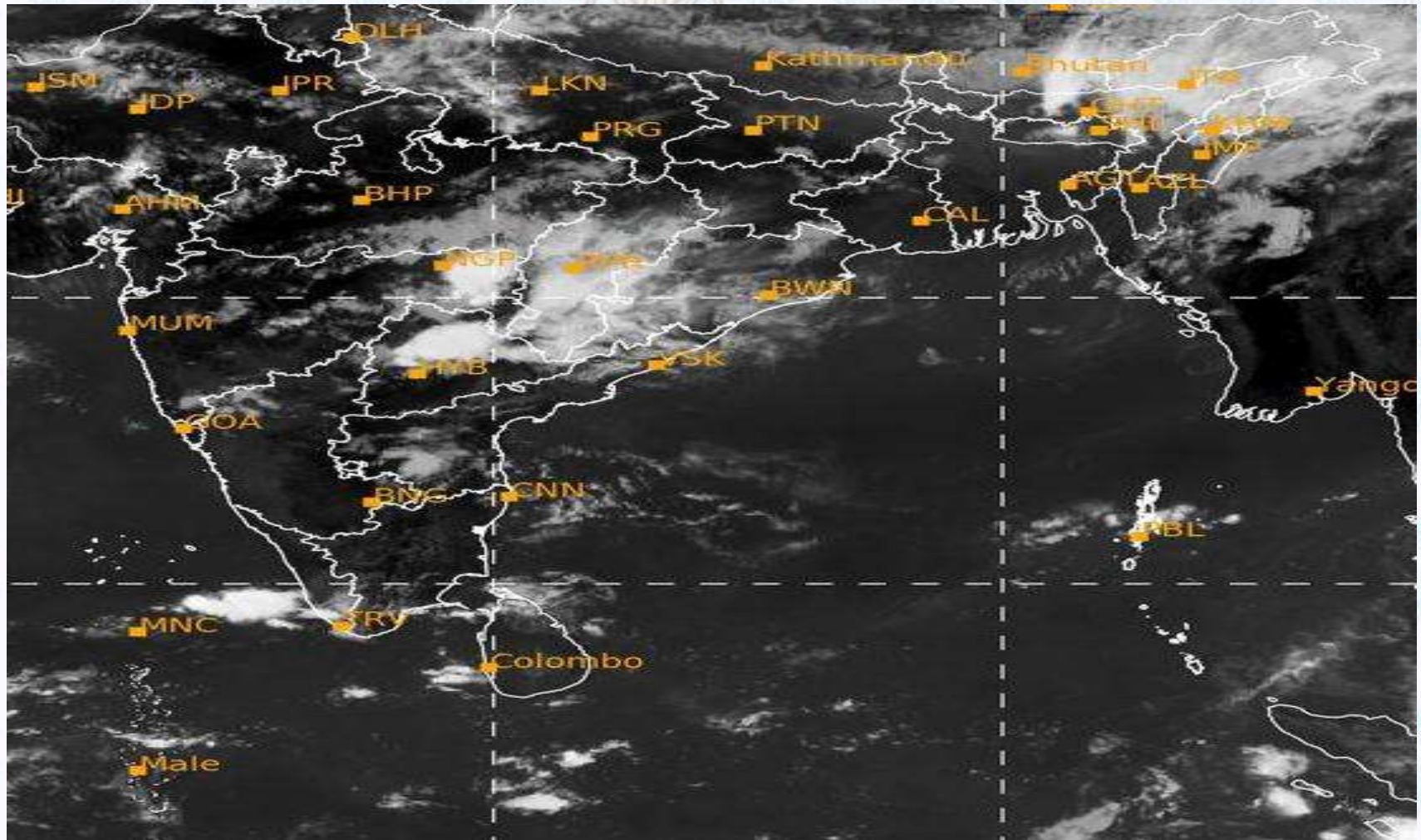
GENERAL WEATHER FORECAST – KHULNA

Description	30 Apr 2020	01 May 2020	02 May 2020
Temperature(C)	30°C/ 23°C	30°C/ 23°C	31°C/ 23°C
Summary	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
Sun Rise/Set	5h29m18s/18h28m48s	5h28m36s/18h29m18s	5h27m36s/18h29m18s
Day Length	12h59m30s	13h00m42s	13h01m42s
Moon Rise/Set	11:10AM 12:04PM	12:11 PM 12:55 AM	1:07 PM 1:41 AM
Moon Phase/illu	First Quarter, 40%	Waxing Gibbous, 52%	Waxing Gibbous, 63%
Nautical Twilight	0438, 1920	0437, 1920	0437, 1919
Civil Twilight	0506, 1852	0505, 1852	0505, 1851
Humidity	D : 83% N : 92%	D : 84% N : 93%	D : 81% N : 91%
Barometer (mb)	1009	1009	1009
Visibility	Good	Good	Good
Precip Chance	60%	60%	60%
Wind (mph)	7 km/h E	8 km/h E	8 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

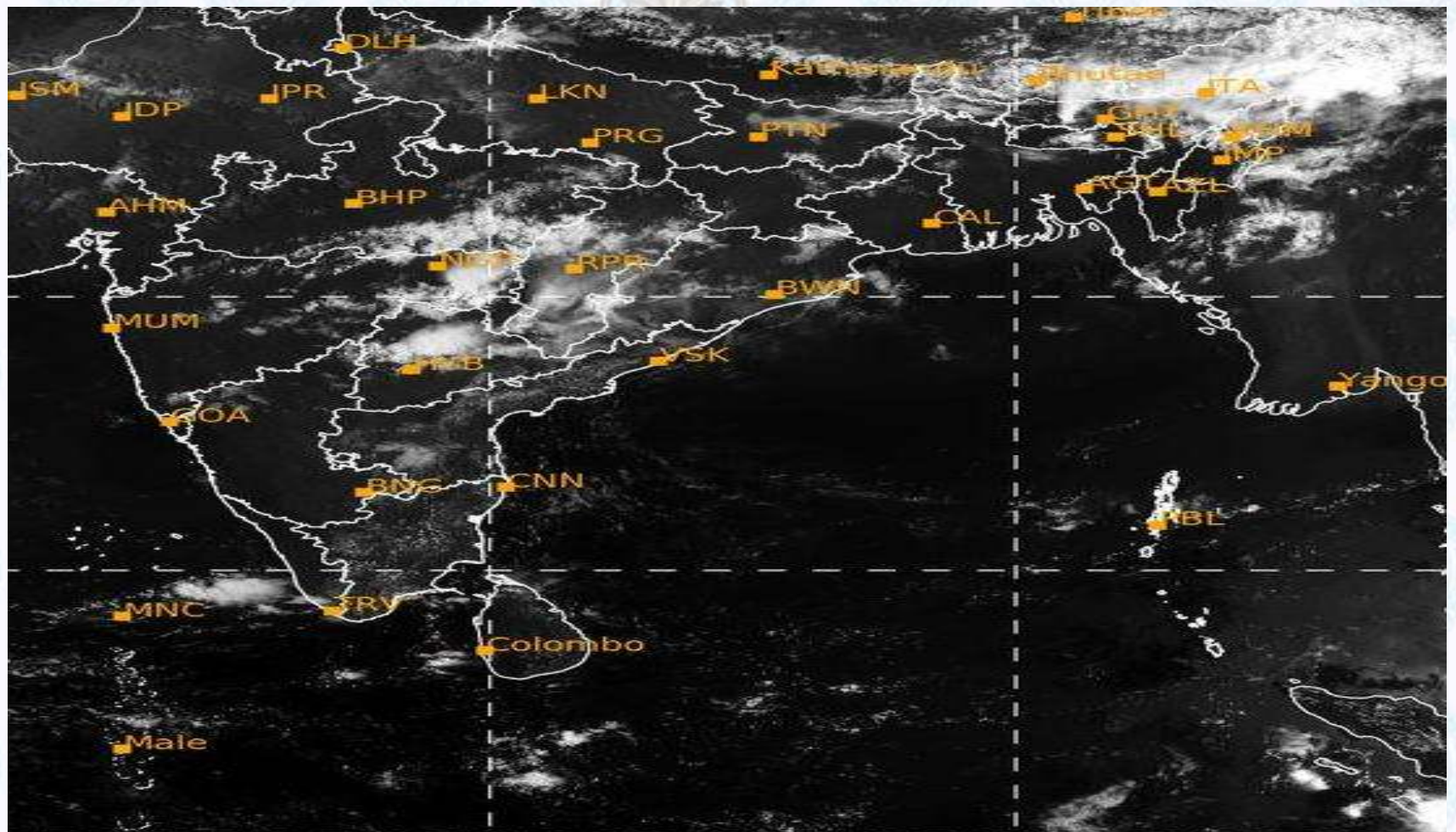


29/04/2020, 12:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



29/04/2020, 12:00 MATSAT-VIS

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 29.04.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY, 10-15 KTS, TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =29,0000 UTC. CHATTOGRAM =1010 HPA



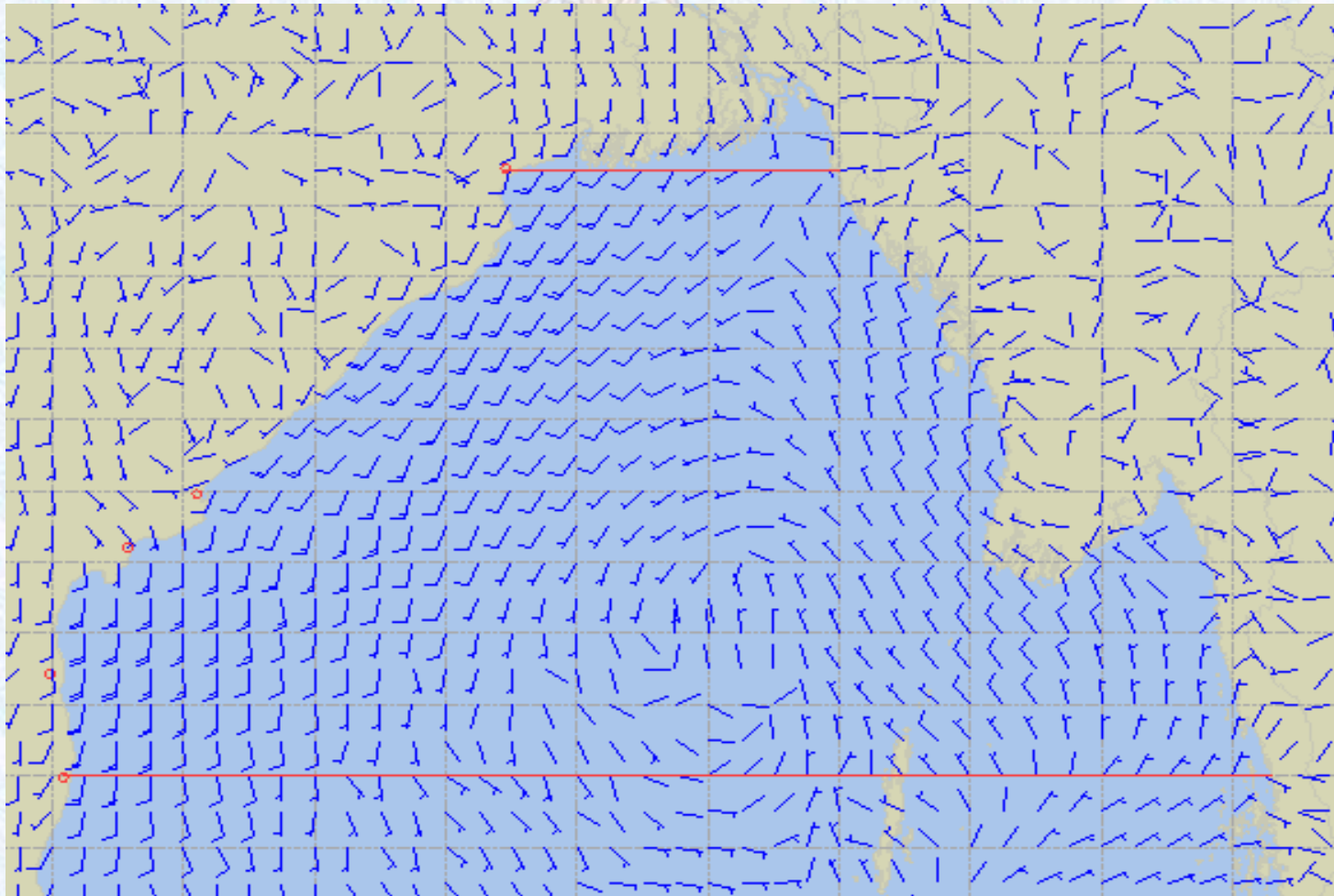
Inland River Port Warning (VALID TILL 06 PM OF 29.04.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORAR **WEST/NORTH-WESTERLY**, GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA, FARIDPUR, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COX'S BAZAR, WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 30 Apr - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



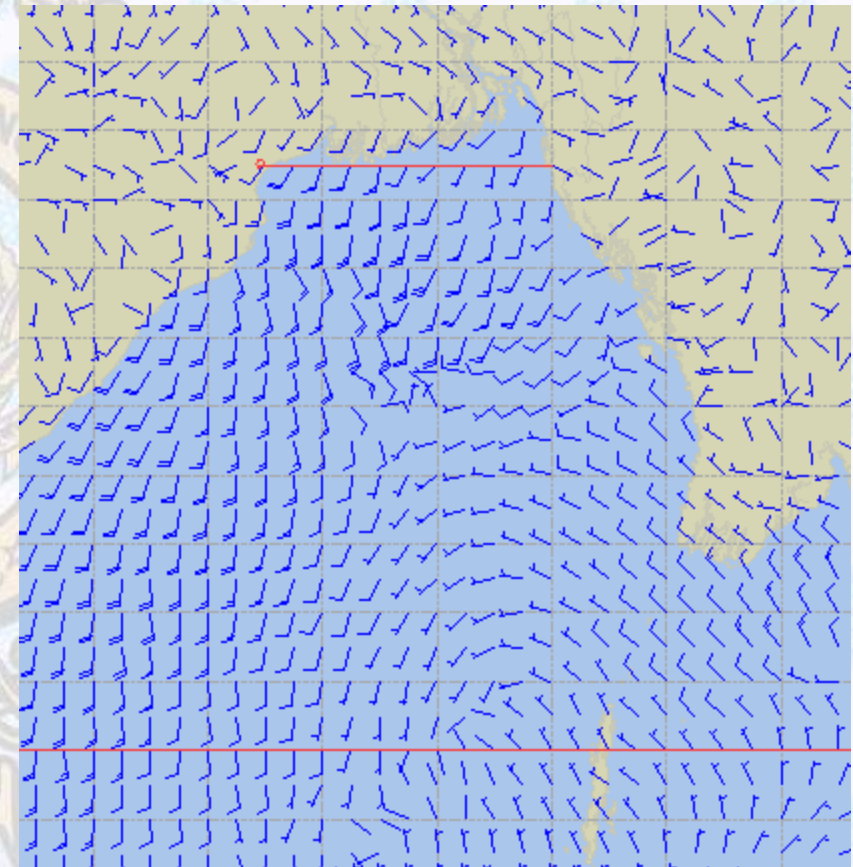
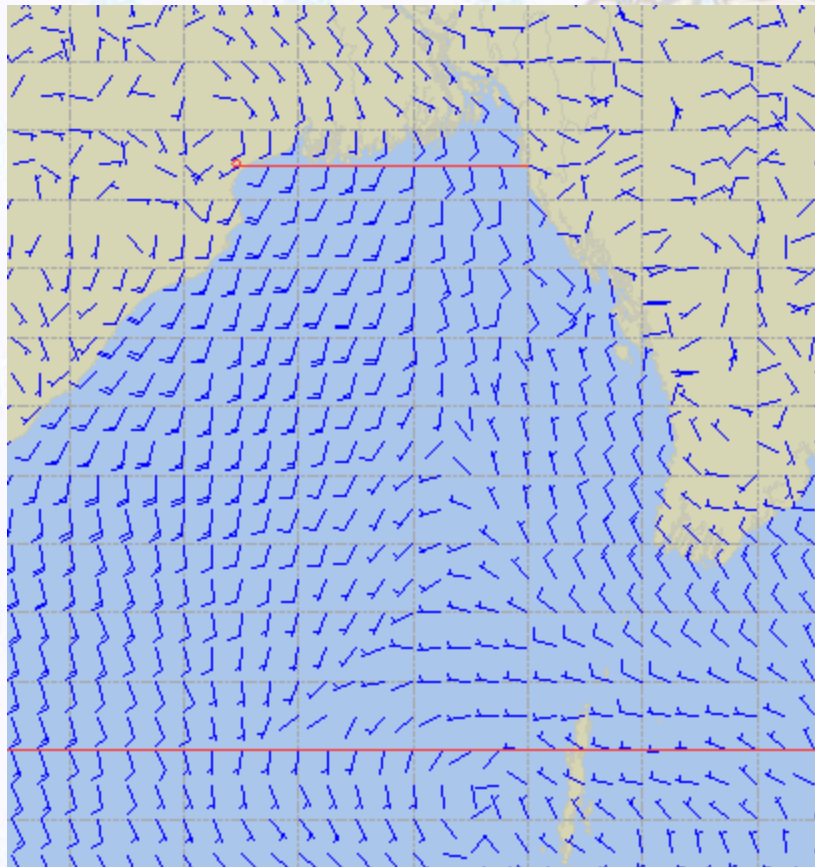
60 Knots



Surface Wind Forecast –01 May & 02 May- 2020

01 May 2020 Friday

02 May 2020 Saturday



Legend:



Calm
Winds



5 Knots



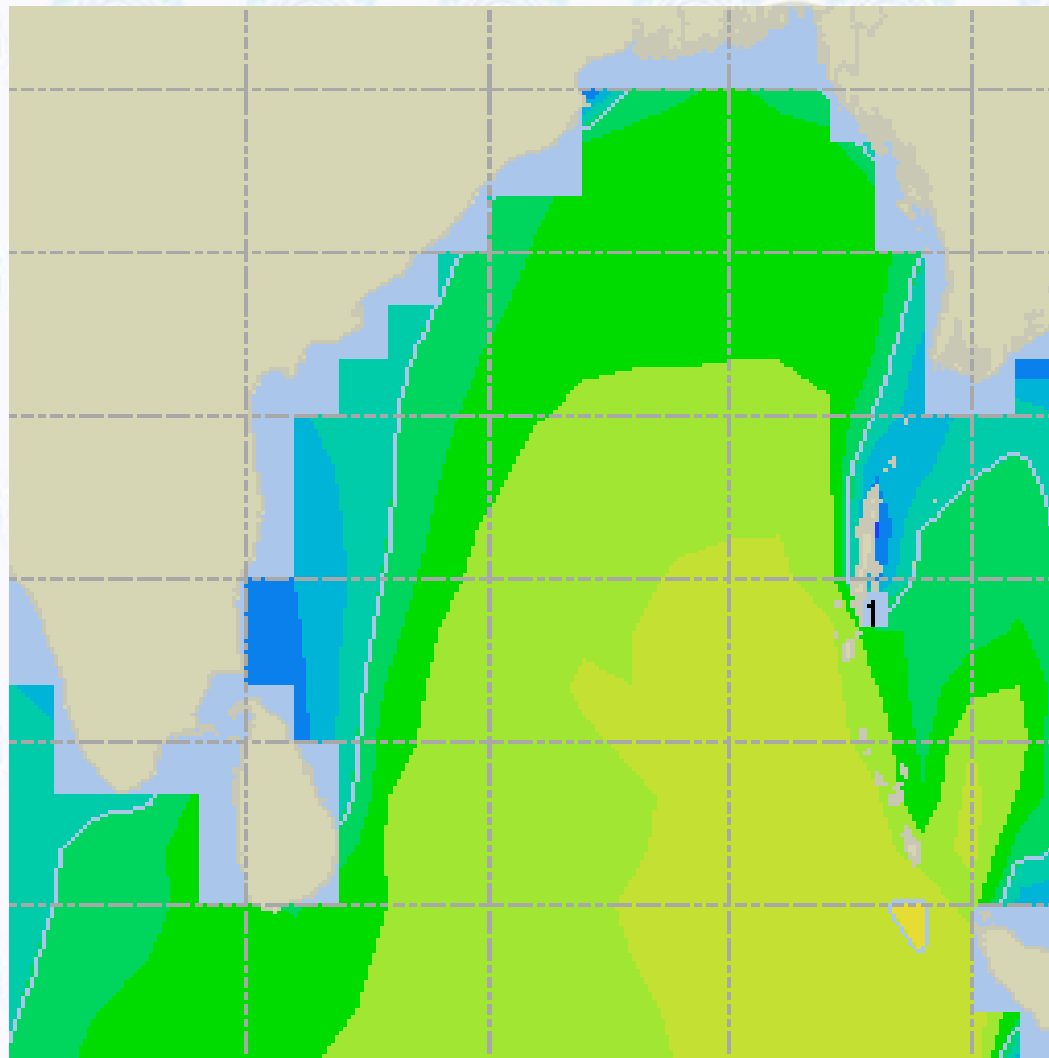
10 Knots



60 Knots



Sea State Forecast - 30 Apr - 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

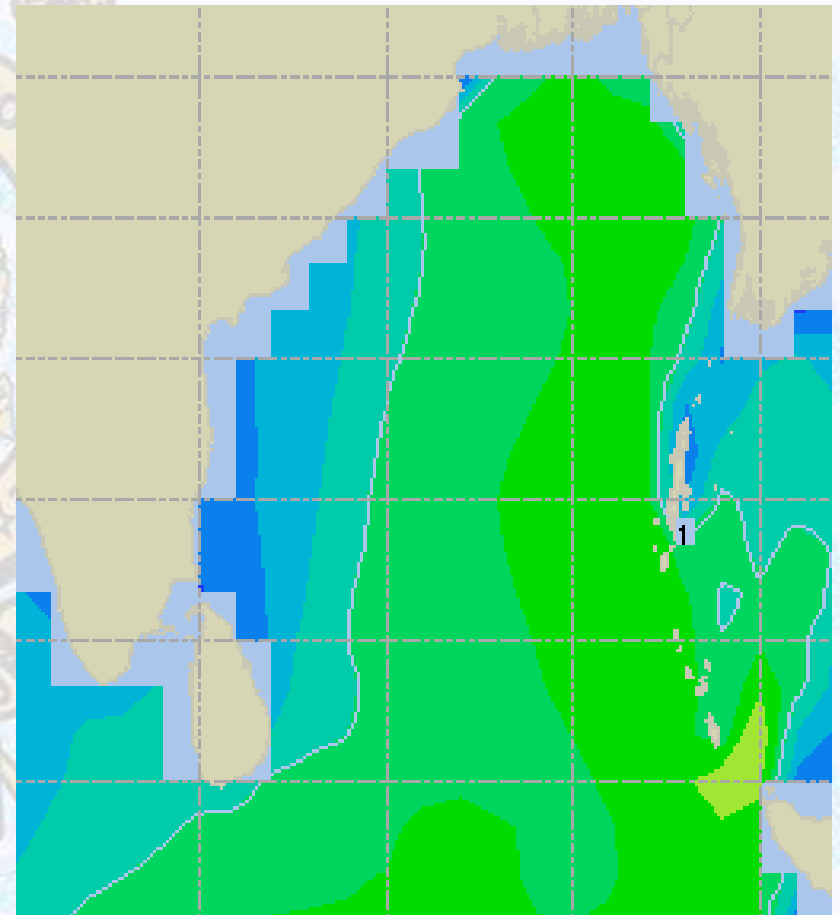
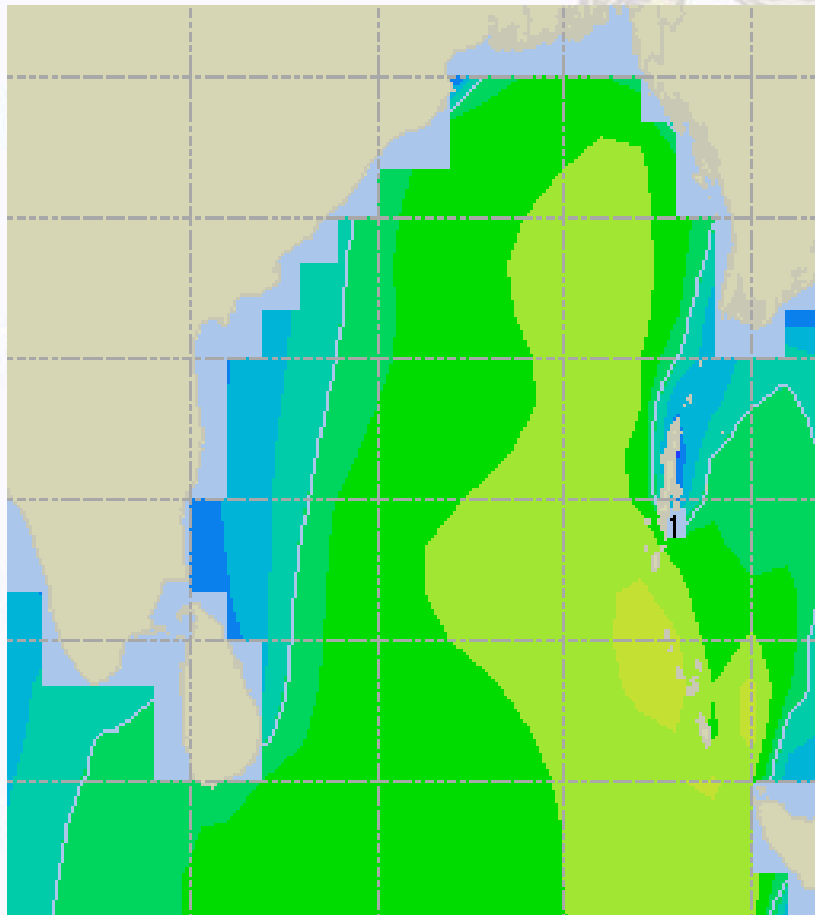




Sea State Forecast—01 May & 02 May- 2020

01 May 2020 Friday

02 May 2020 Saturday

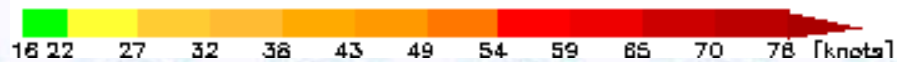
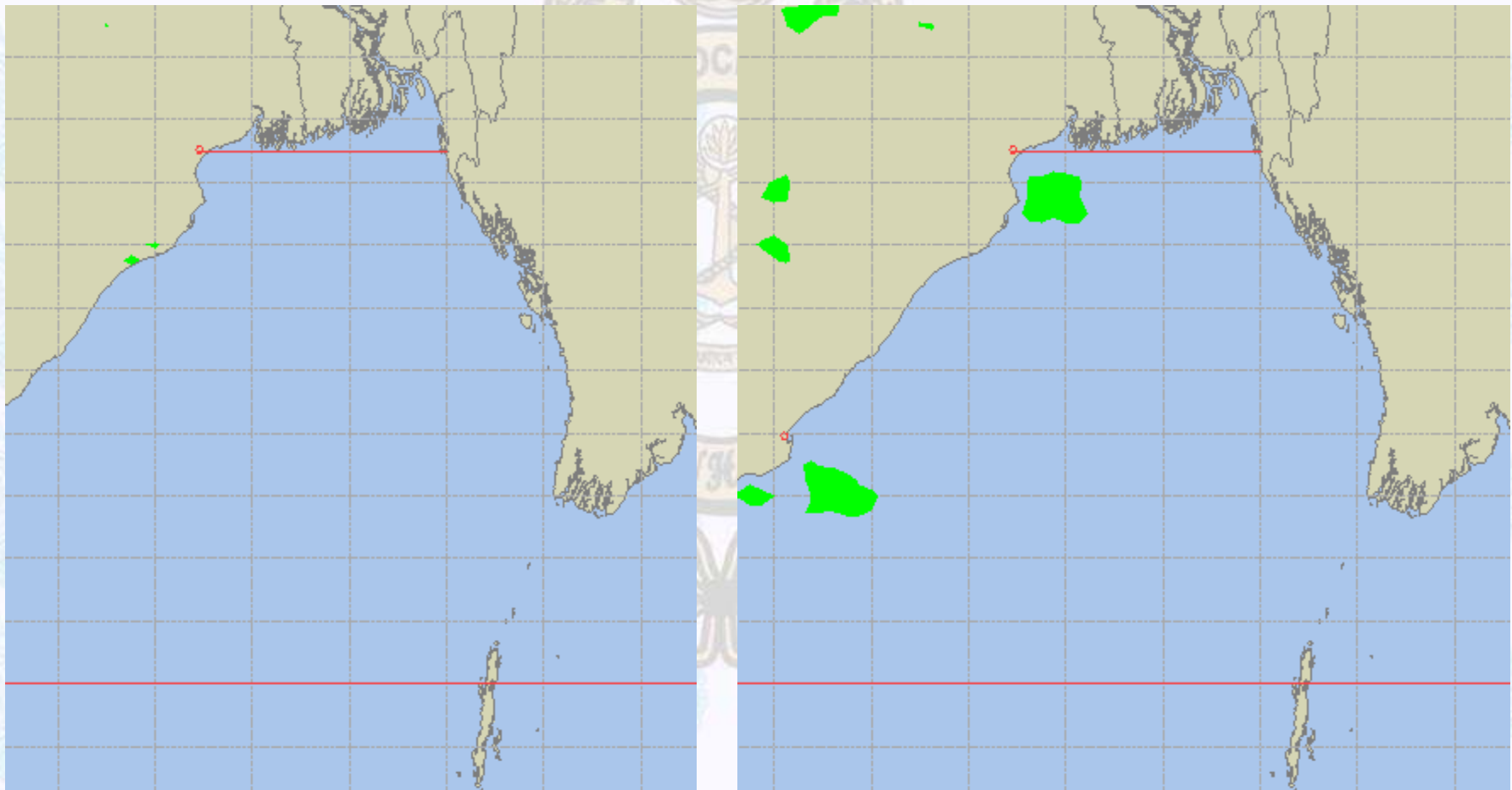




Peak Gusting Possibilities – 30Apr-01 May 2020

30 Apr 2020 Thursday

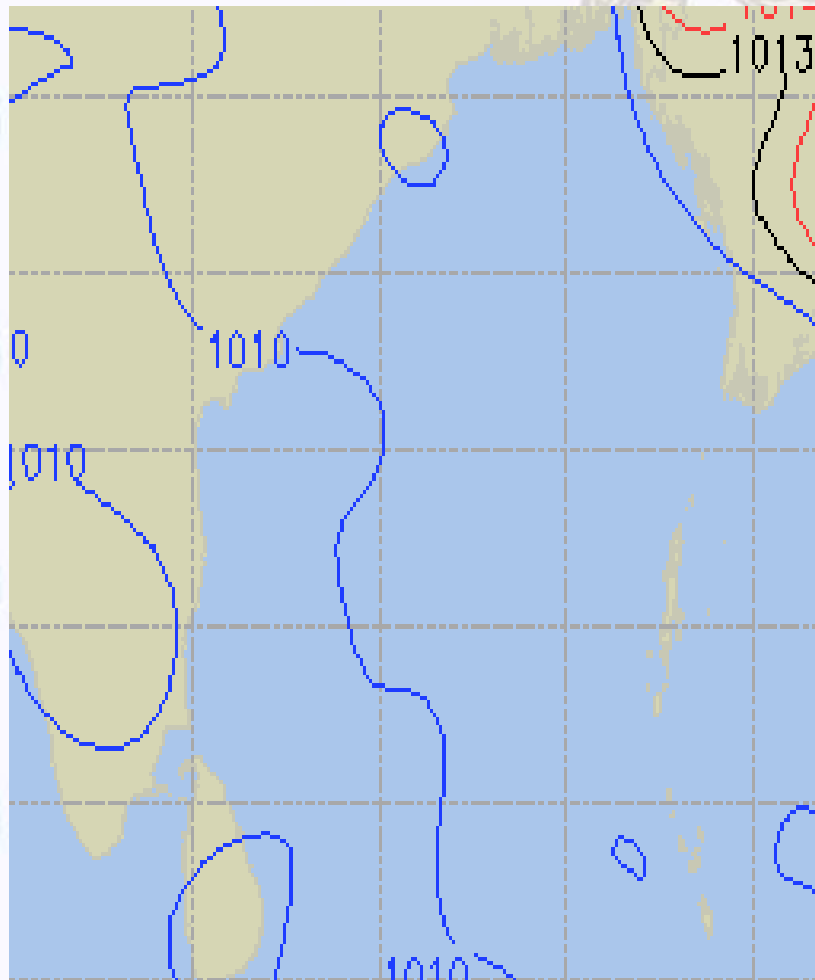
01 May 2020 Friday



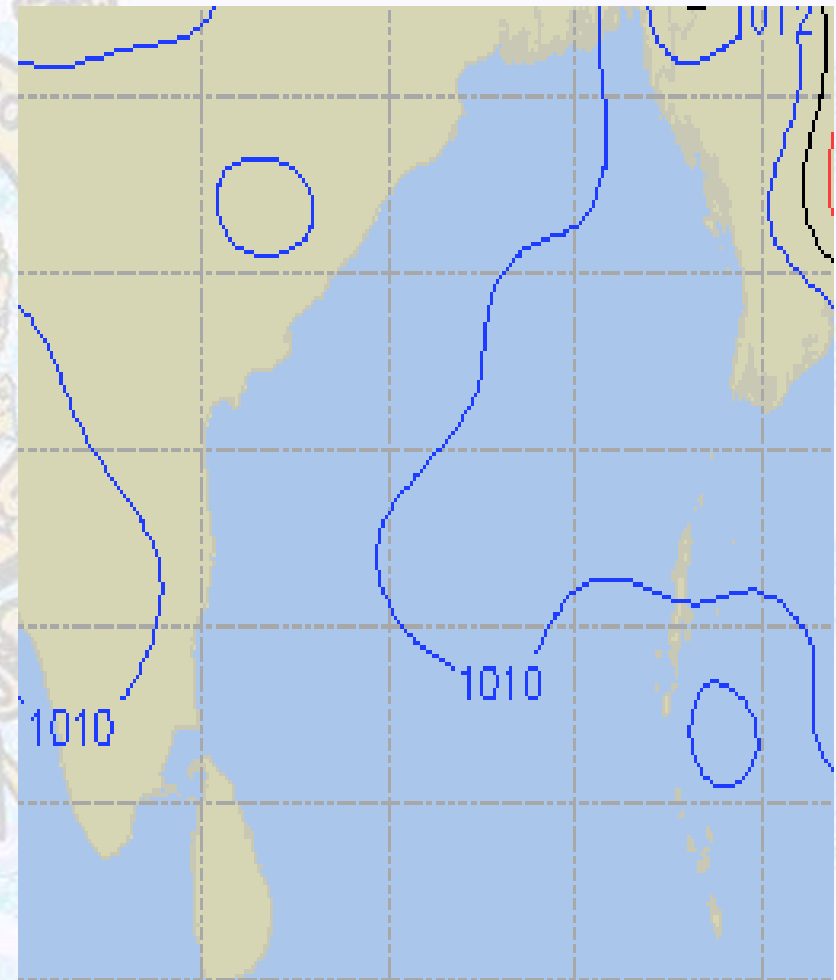


Surface Pressure forecast – 30Apr-01 May 2020

30 Apr 2020 Thursday



01 May 2020 Friday

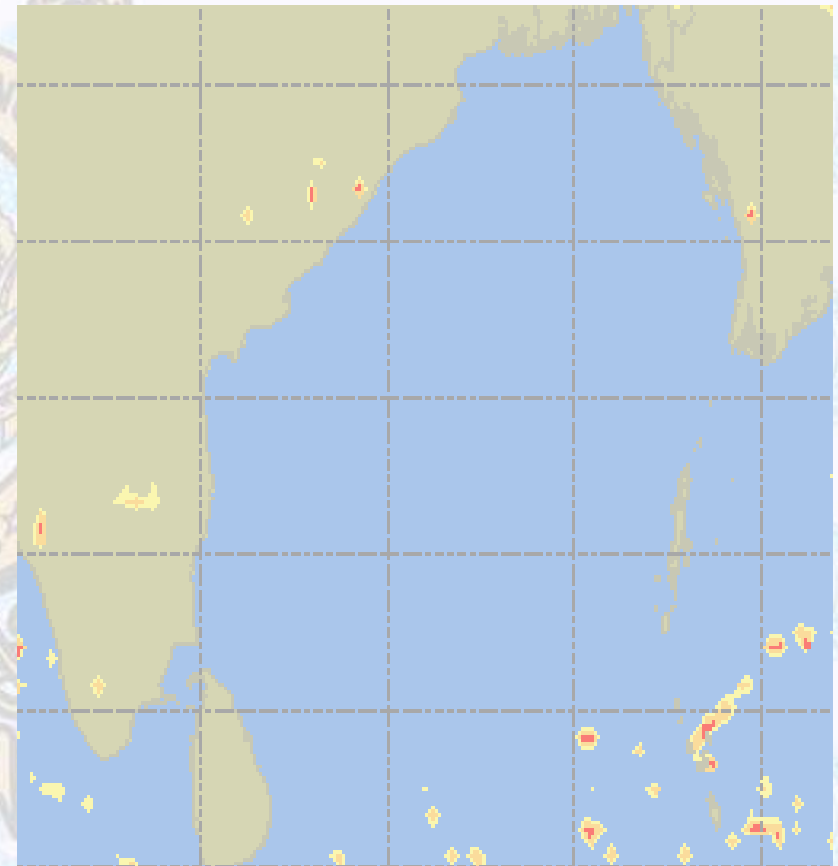
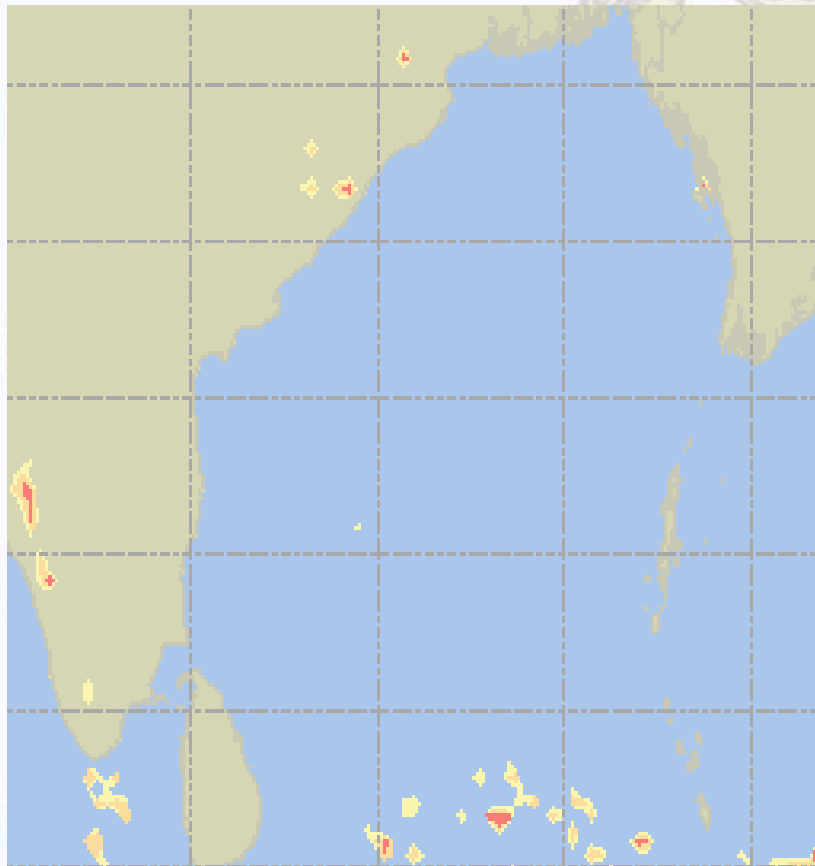




Visibility at Sea Forecast – 30Apr-01 May - 2020

30 Apr 2020 Thursday

01 May 2020 Friday



Visibility Scale:

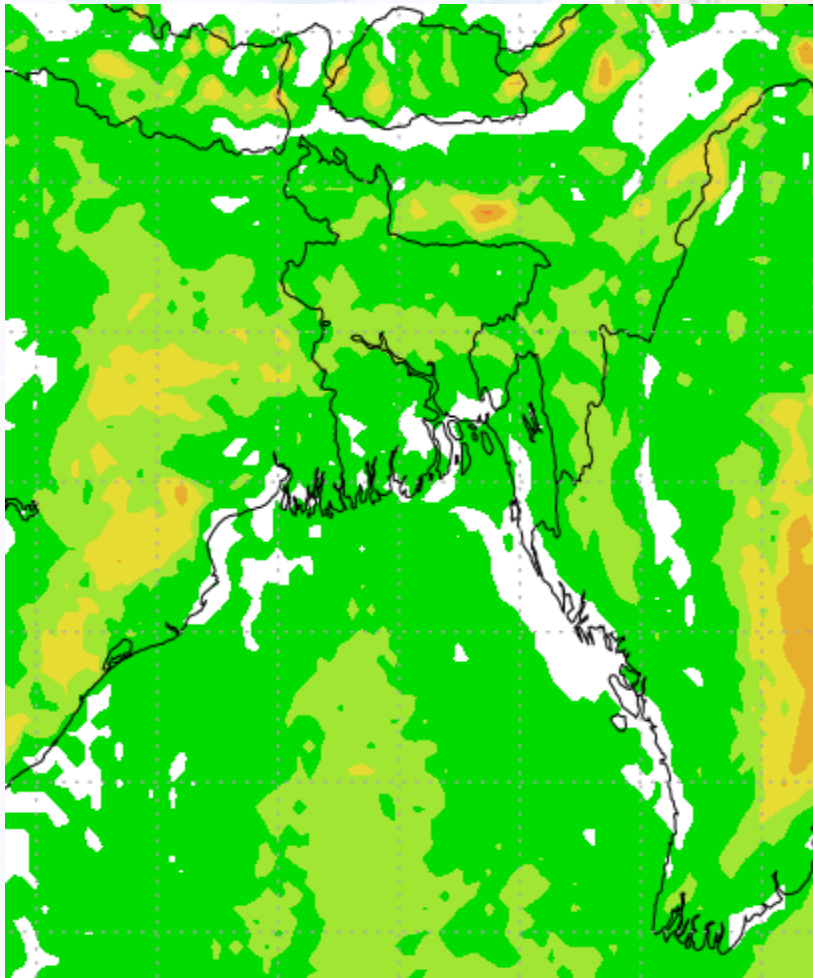


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

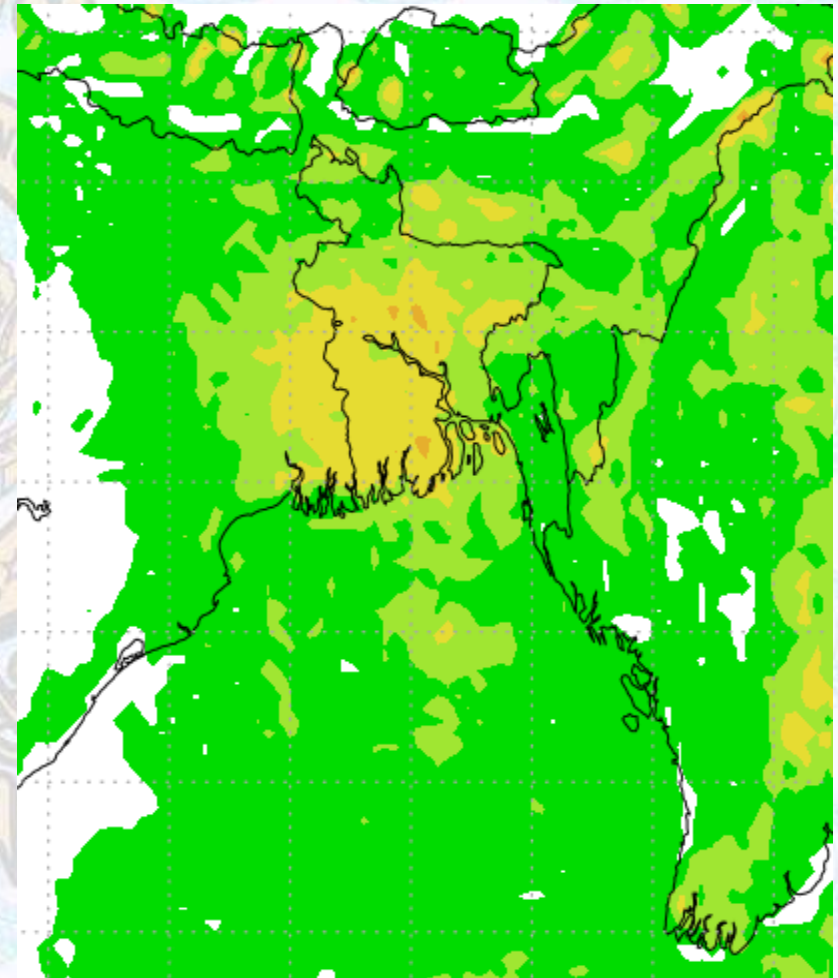


Precipitation

Rain(mm) 30 Apr & 01 May 2020



Rain(mm) 01 & 02 May 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0525		3.66			0256	2.52
30 Apr 2020	1139	1.26		0913	0.96		0851	1.11
	1758	4.00		1533	2.77		1522	2.62
	-	-		2203	1.03		2207	1.24
	Time	Height		Time	Height		Time	Height
		0042		1.28			0406	2.43
01 May 2020	0647	3.58		1024	1.10		0828	0.89
	1302	1.44		1649	2.71		1427	2.39
	1922	3.97		2328	1.08		2025	1.08
	Time	Height		Time	Height		Time	Height
		0211		1.26			0536	2.49
02 May 2020	0816	3.71		1158	1.14		1148	1.25
	1436	1.42		1815	2.79		1807	2.64
	2042	4.09		-	-		-	-