



WEATHER FORECAST FOR BN

24 - 27 APR 2020





WEATHER FORECAST – DHAKA

24.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 23	27 / 23	24 / 23	24 / 23
Wind	16 km/h S	15 km/h SSW	7 km/h SE	7 km/h SSE
Humidity	82%	80%	87%	94%
Chance of Precip	54%	35%	61%	53%
Cloud Cover	69%	71%	50%	57%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 30 AM 6: 24 PM			

Conditions

Pressure : 1006 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

24.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 23	29 / 24	26 / 25	26 / 25
Wind	18 km/h SW	15 km/h SSW	10 km/h SSE	10 km/h SSE
Humidity	64%	74%	95%	95%
Chance of Precip.	1%	12%	66%	80%
Cloud Cover	61%	72%	75%	75%
Conditions	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sunrise Sunset	5: 26 AM 6: 17 PM			

Conditions

Pressure : 1007 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

24.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	28 / 26	26 / 25	25 / 24
Wind	16 km/h SW	16 km/h S	8 km/h SSE	10 km/h SSE
Humidity	86%	90%	95%	93%
Chance of Precip.	39%	87%	61%	42%
Cloud Cover	61%	75%	75%	68%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 36 AM 6: 27 PM			

Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	25 Apr 2020	26 Apr 2020	27 Apr 2020
Temperature (C)	30 °C/ 23 °C	29 °C/ 23 °C	30 °C/ 23 °C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h28m42s/18h24m42s	5h27m54s/18h25m00s	5h27m06s/18h25m30s
Day Length	12h56m00s	12h57m06s	12h58m24s
Moon Rise/ Set	6:55AM 8:24PM	7:36AM 9:19PM	8:21AM 10:14PM
Moon Phase/ illu	Waxing Crescent, 6%	Waxing Crescent, 13%	Waxing Crescent, 20%
NauticalTwilight	0437,1915	0436,1916	0435,1916
Civil Twilight	0505,1847	0504,1848	0503,1848
Humidity	D : 81% N : 93%	D : 83% N : 91%	D : 82% N : 93%
Barometer (mb)	1007	1008	1008
Visibility	Good	Good	Good
Precip Chance	80%	80%	60%
Wind (mph)	11 Km/h ESE	10 Km/h ESE	12 Km/h E

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	25 Apr 2020	26 Apr 2020	27 Apr 2020
Temperature (C)	28°C/ 23°C	28°C/ 23°C	29°C/ 23°C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h24m48s/18h17m12s	5h24m00s/18h17m30s	5h23m12s/18h17m54s
Day Length	12h52m24s	12h53m30s	12h54m42s
Moon Rise/ Set	6:51AM 8:15PM	7:33AM 9:105PM	8:17AM 10:05PM
Moon Phase/ illu	Waxing Crescent, 6%	Waxing Crescent, 13%	Waxing Crescent, 20%
NauticalTwilight	0434, 1907	0433, 1907	0432, 1908
Civil Twilight	0501, 1840	0500, 1840	0500, 1840
Humidity	D : 91% N : 95%	D : 91% N : 95%	D : 91% N : 98%
Barometer (mb)	1009	1010	1011
Visibility	Good	Good	Good
Precip Chance	90%	80%	80%
Wind (mph)	16 Km/h SSE	14 Km/h SSE	8 Km/h SE

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



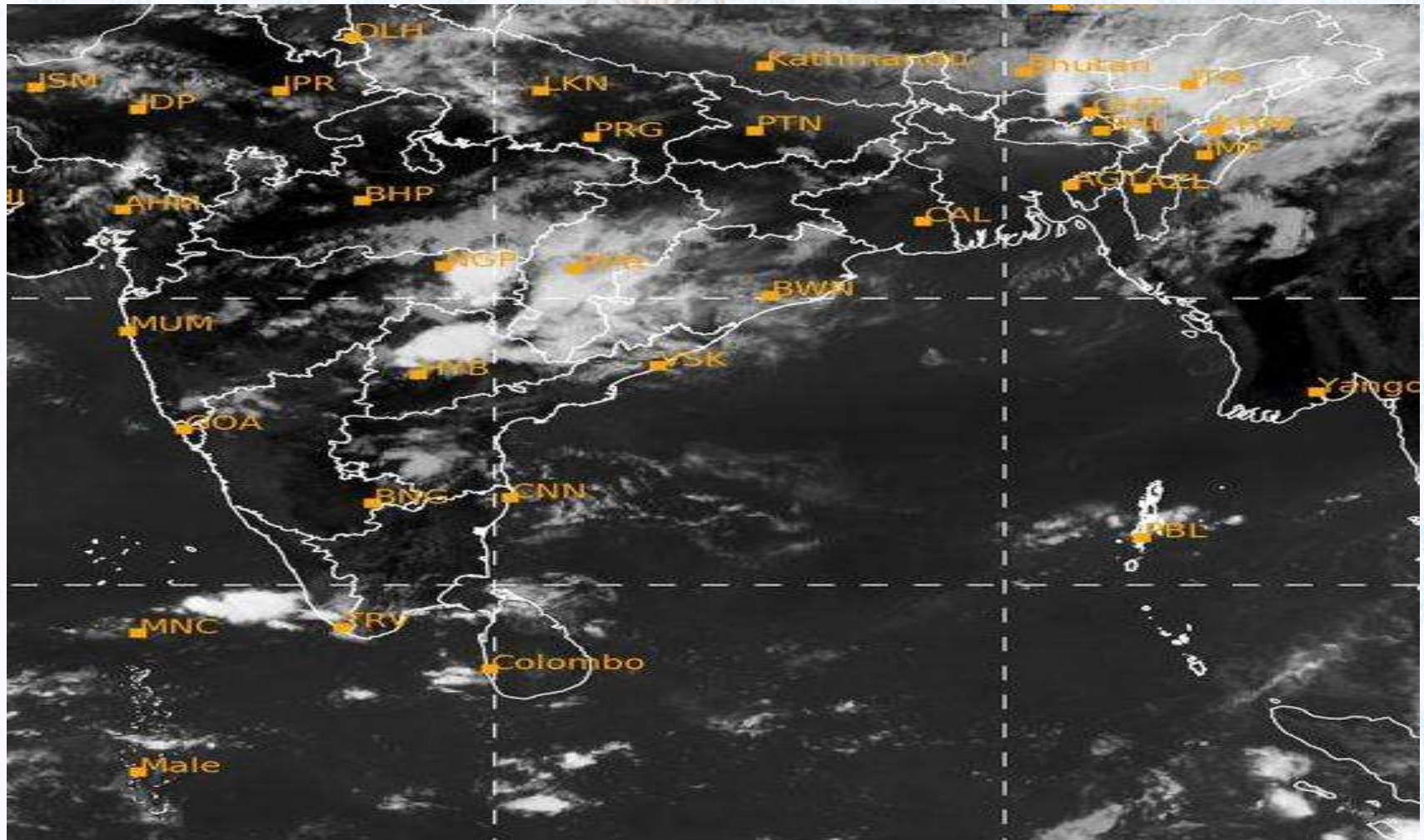
GENERAL WEATHER FORECAST – KHULNA

Description	25 Apr 2020	26 Apr 2020	27 Apr 2020
Temperature(C)	30°C/ 23°C	29°C/ 23°C	30°C/ 23°C
Summary	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
Sun Rise/Set	5h33m18s/18h26m54s	5h32m30s/18h27m12s	5h31m48s/18h27m36s
Day Length	12h53m36s	12h54m42s	12h55m48s
Moon Rise/Set	7:01AM 8:26PM	7:43AM 9:21PM	8:27AM 10:16PM
Moon Phase/illu	Waxing Crescent, 6%	Waxing Crescent, 13%	Waxing Crescent, 21%
Nautical Twilight	0442, 1917	0441, 1917	0440, 1918
Civil Twilight	0510, 1849	0509, 1850	0508, 1850
Humidity	D : 84% N : 93%	D : 89% N : 95%	D : 86% N : 94%
Barometer (mb)	1007	1008	1010
Visibility	Good	Good	Good
Precip Chance	80%	80%	60%
Wind (mph)	11 km/h ESE	11 km/h E	12 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL



24/04/2020, 12:00 UTC MATSAT-IR

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 24.04.2020)

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/WESTERLY, 10-15 KTS. TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =24,0000 UTC. CHATTOGRAM =1010 HPA



Inland River Port Warning **(VALID TILL 06 PM OF 24.04.2020)**

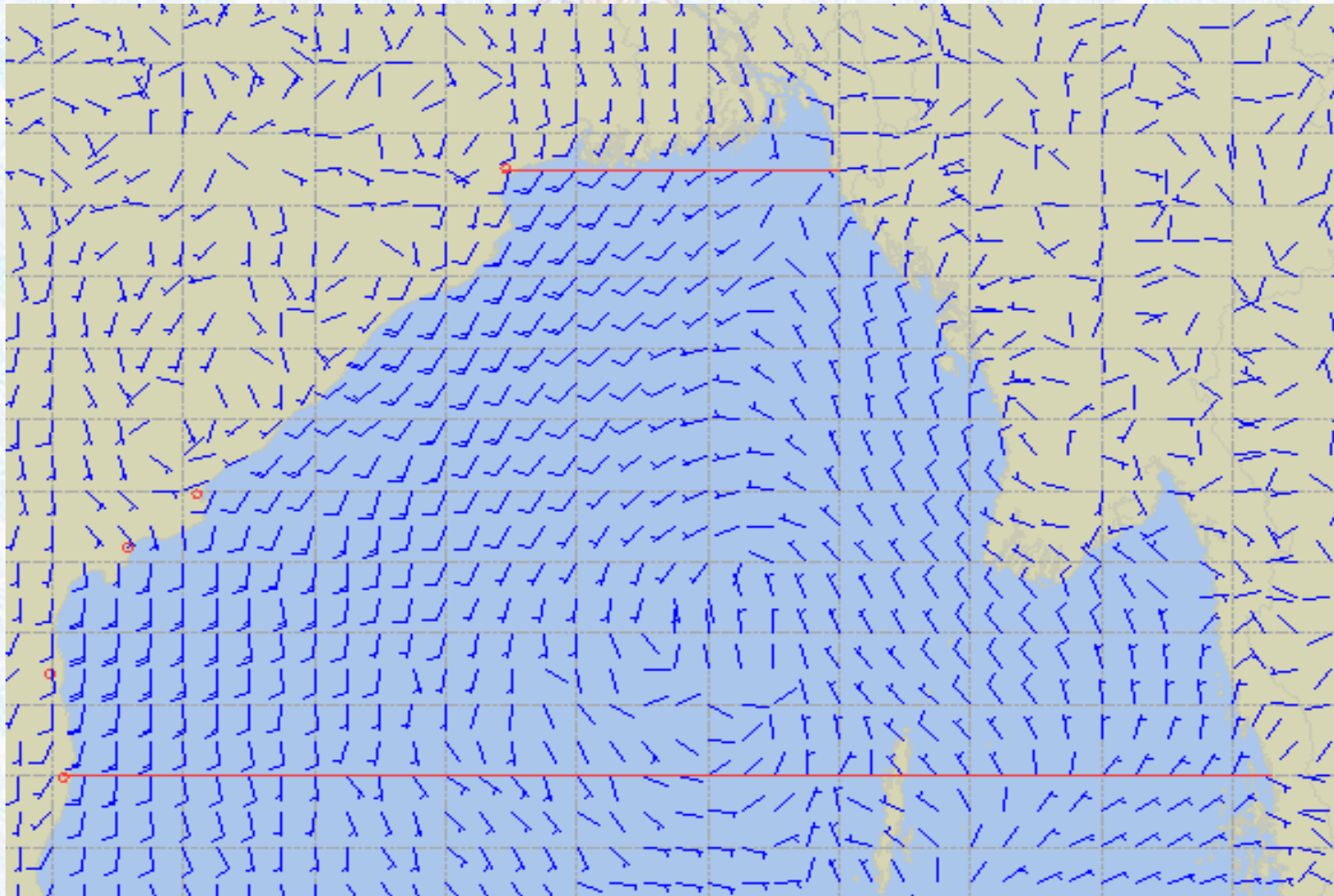
RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **WEST/ NORTH-WESTERLY**, SQUALLS **SPEED 60-80 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF MYMENSINGH AND SYLHET **WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. TWO (R) TWO.**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **WEST/NORTH-WESTERLY** GUSTY/SQUALLY WIND **SPEED 45-60 KPH** IS LIKELY TO OCCUR OVER THE COUNTRY **WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.**

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



Surface Wind Forecast- 25 Apr - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



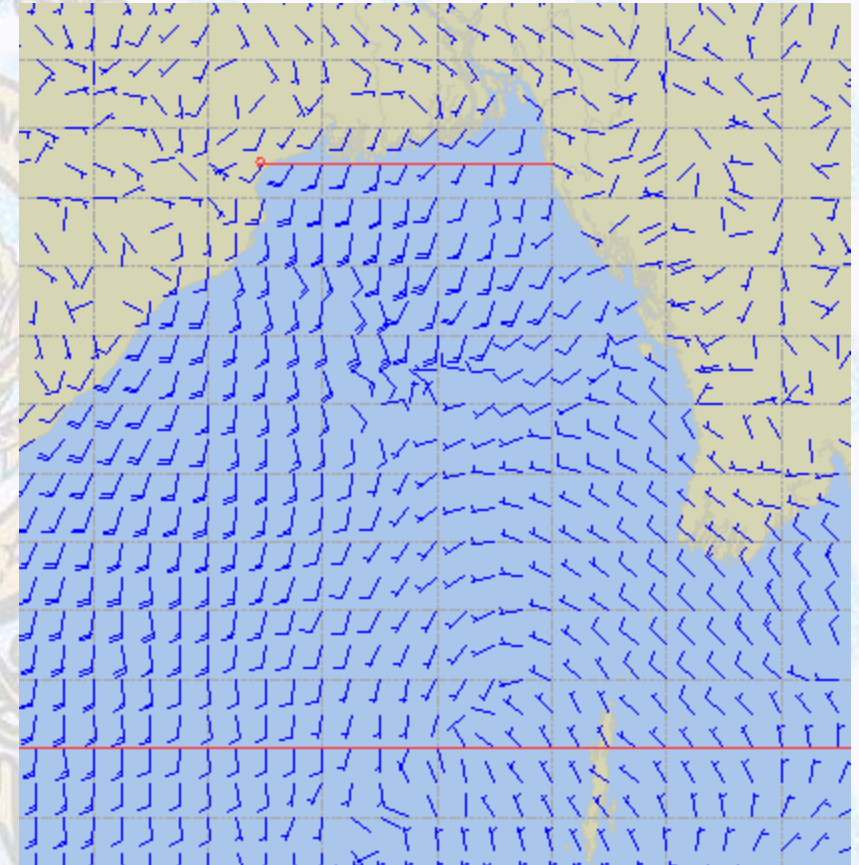
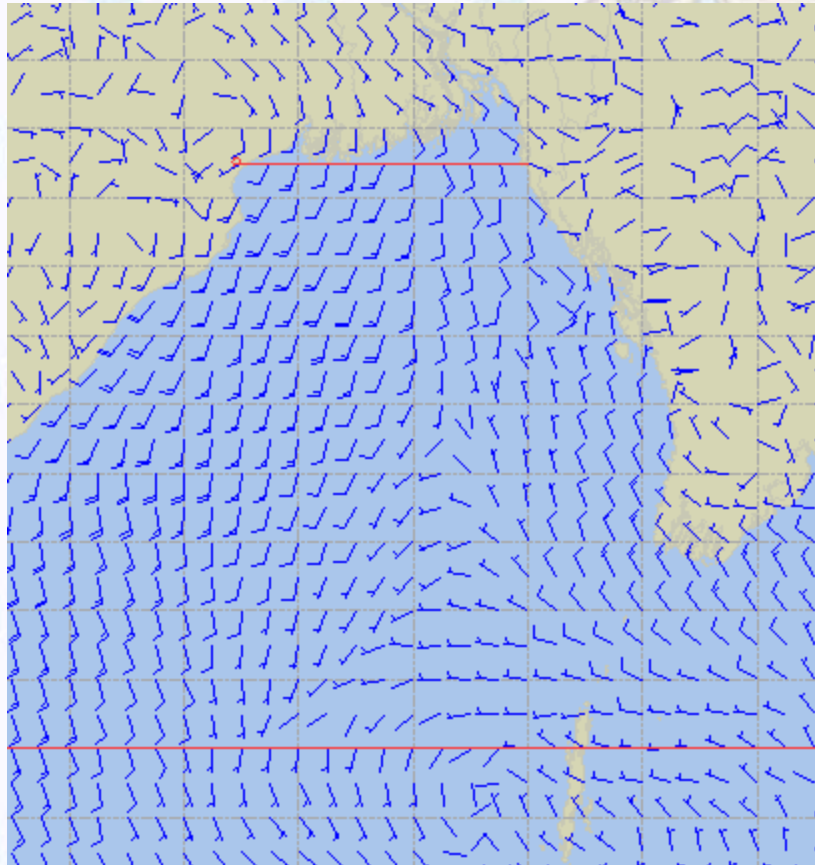
60 Knots



Surface Wind Forecast –26 & 27 Apr- 2020

26 Apr 2020 Sunday

27 Apr 2020 Monday



Legend:



Calm
Winds



5 Knots



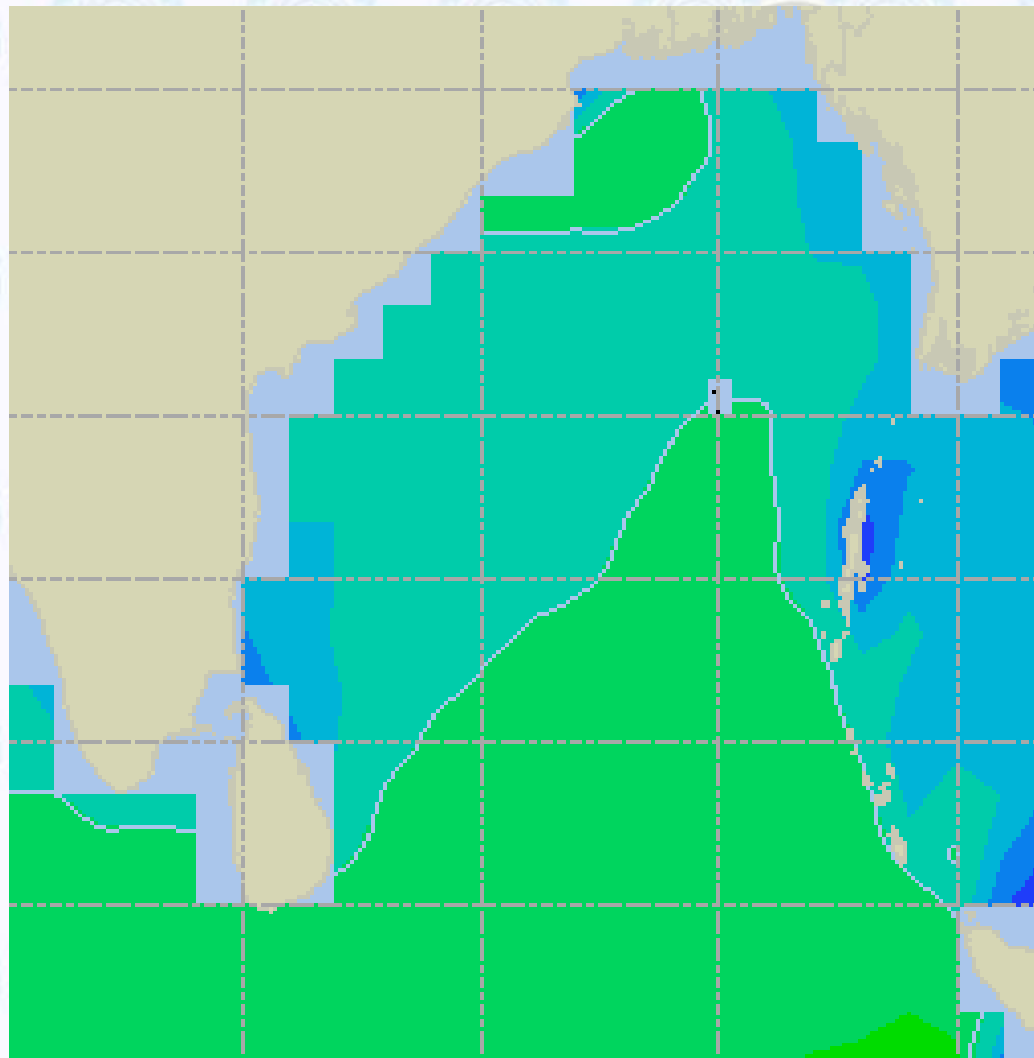
10 Knots



60 Knots



Sea State Forecast - 25 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

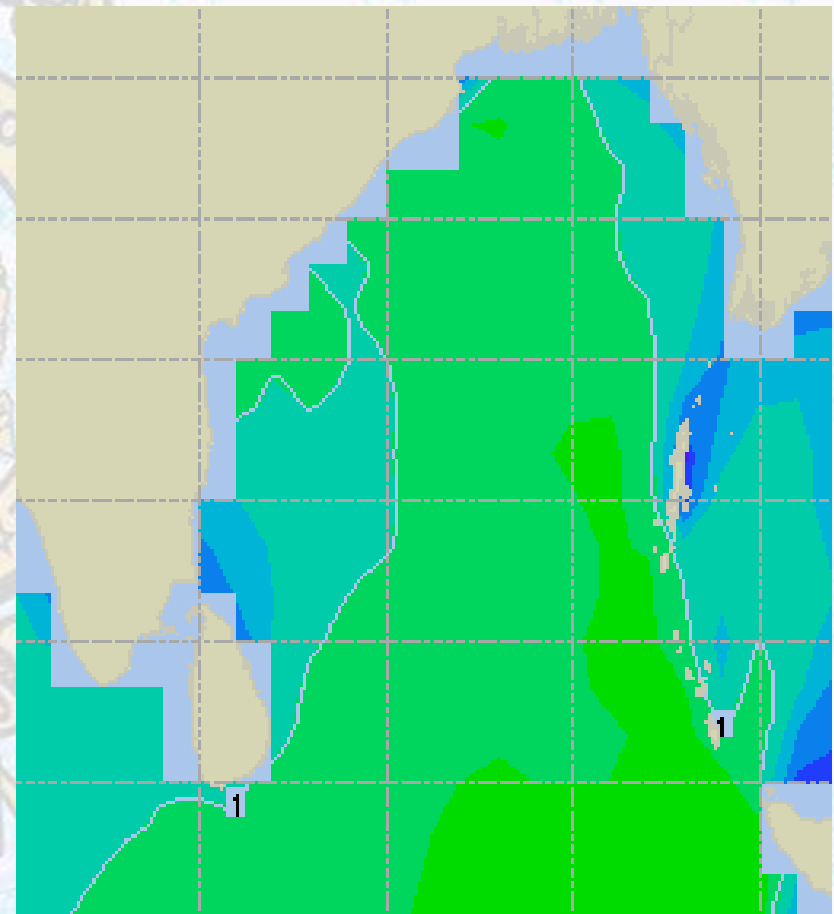
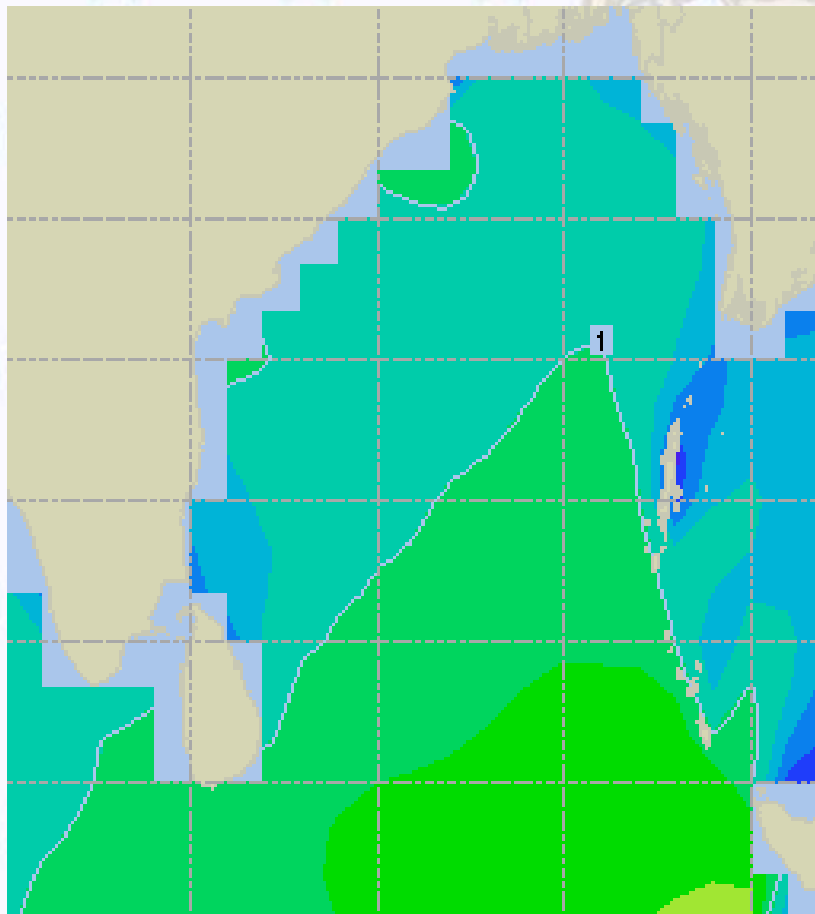




Sea State Forecast – 26 & 27 Apr- 2020

26 Apr 2020 Sunday

27 Apr 2020 Monday

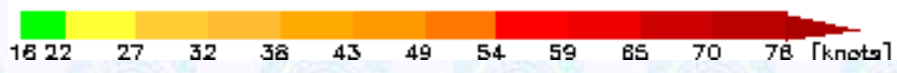
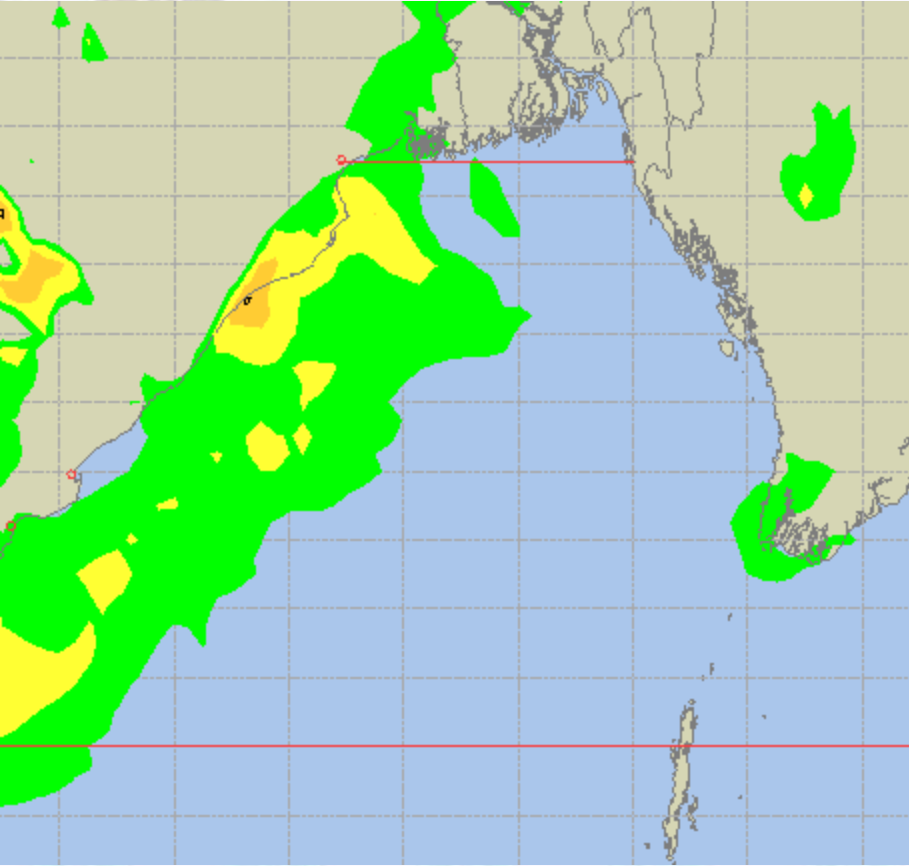
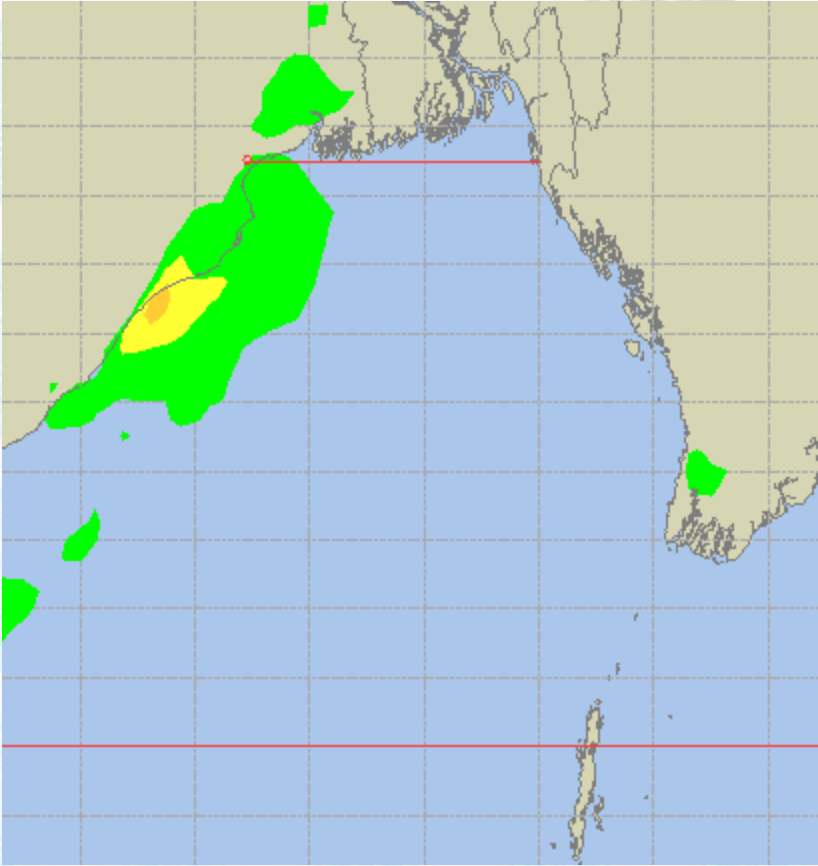




Peak Gusting Possibilities – 25 & 26 Apr 2020

25 Apr 2020 Saturday

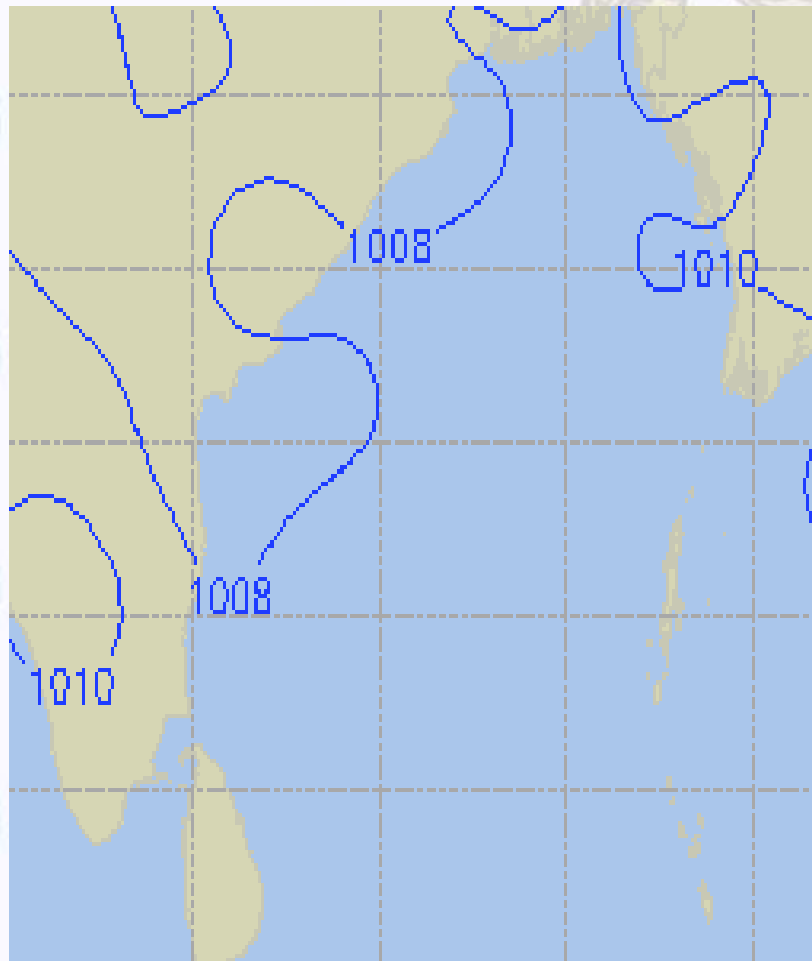
26 Apr 2020 Sunday



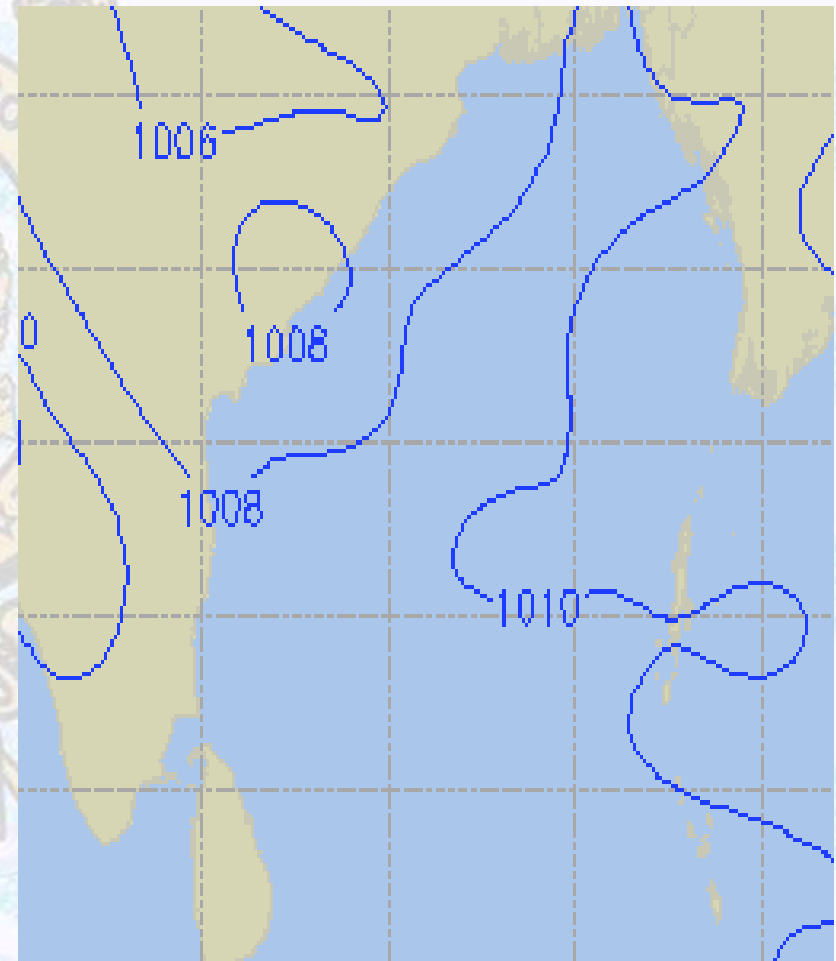


Surface Pressure forecast – 25 & 26 Apr 2020

25 Apr 2020 Saturday



26 Apr 2020 Sunday

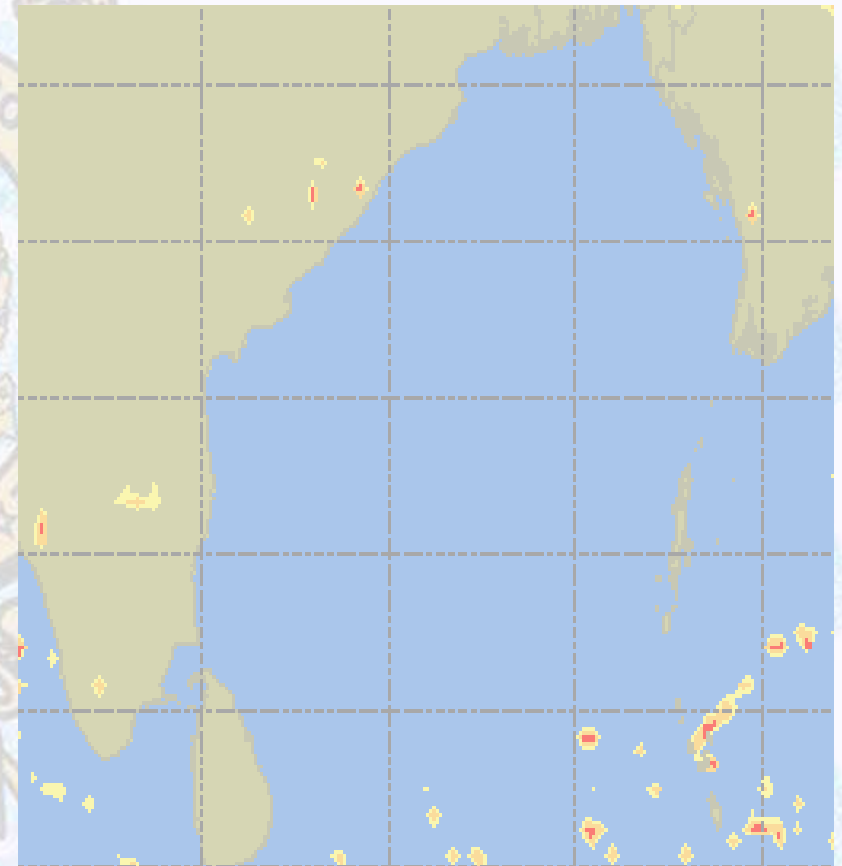
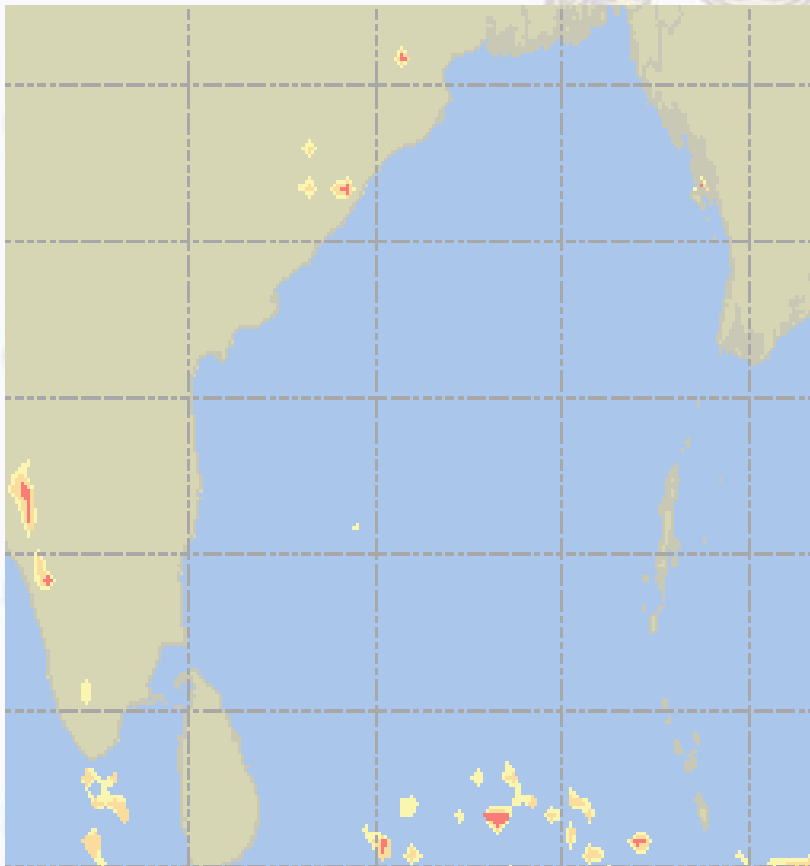




Visibility at Sea Forecast – 25 & 26 Apr - 2020

25 Apr 2020 Saturday

26 Apr 2020 Sunday



Visibility Scale:

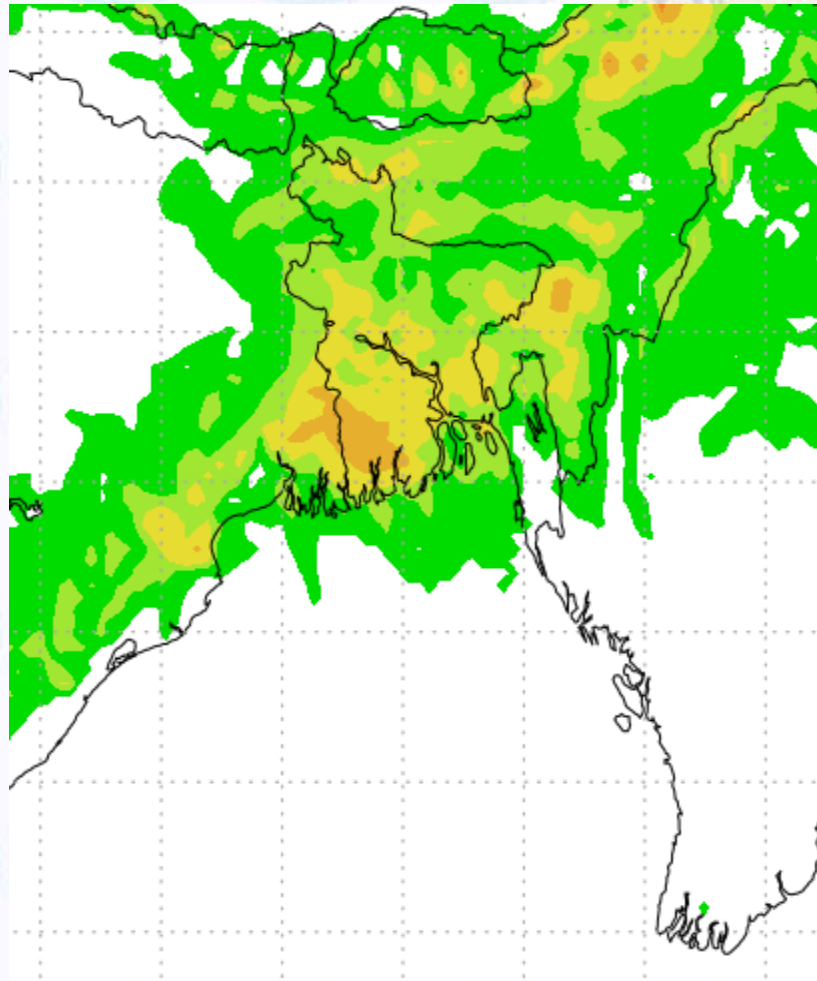


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

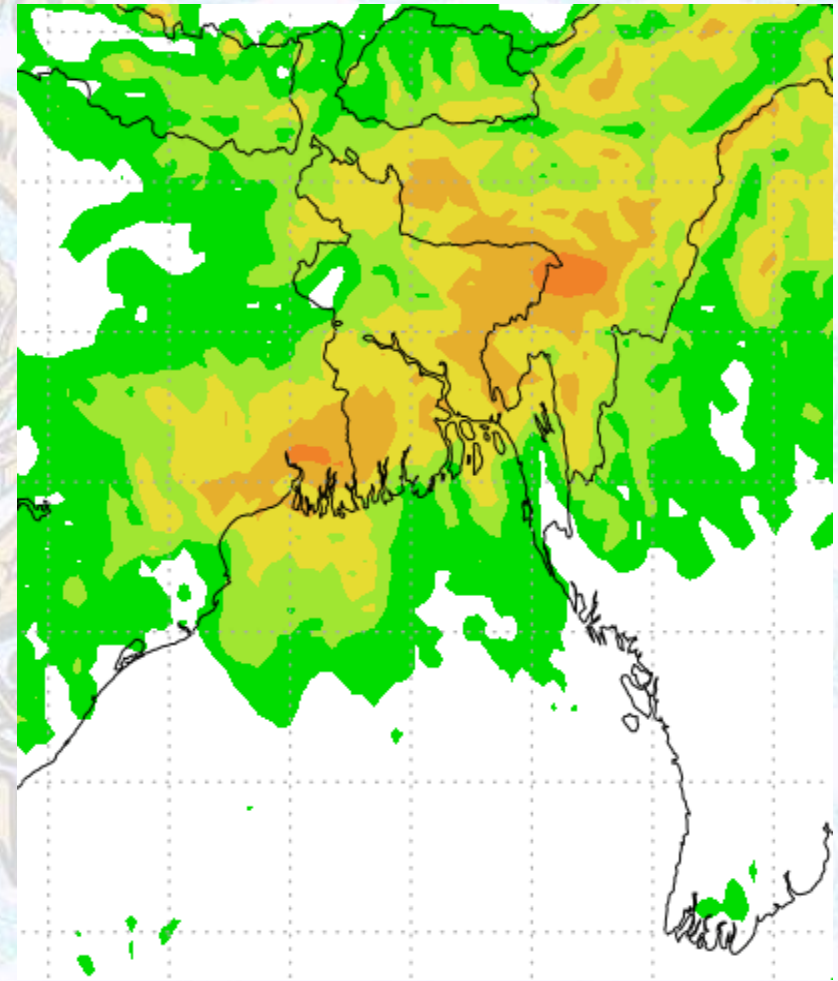


Precipitation

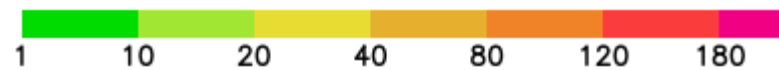
Rain(mm) 25 & 26 Apr 2020



Rain(mm) 26 & 27 Apr 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0153		4.38			0615	0.37
25 Apr 2020	0821	0.48		1202	3.41		1151	2.98
	1406	4.59		1835	0.50		1813	0.70
	2043	0.70		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0221		4.38			0011	3.14
26 Apr 2020	0849	0.48		0643	0.42		0614	0.55
	1433	4.59		1234	3.32		1220	2.94
	2114	0.70		1905	0.55		1844	0.78
	Time	Height		Time	Height		Time	Height
		0253		4.26			0044	3.01
27 Apr 2020	0919	0.57		0712	0.51		0643	0.64
	1506	4.50		1309	3.20		1253	2.88
	2148	0.81		1938	0.64		1918	0.90