



WEATHER FORECAST FOR BN

18 - 21 APR 2020



WEATHER FORECAST – DHAKA

18.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 25	33 / 25	27 / 24	26 / 23
Wind	10 km/h S	9 km/h S	15 km/h SSE	8 km/h SSE
Humidity	60%	63%	84%	84%
Chance of Precip	1%	90%	49%	41%
Cloud Cover	59%	75%	74%	50%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 35 AM 6: 22 PM			

Conditions

Pressure : 1009 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

18.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 24	31 / 25	28 / 26	27 / 26
Wind	16 km/h SSW	17 km/h SSW	14 km/h SSW	10 km/h S
Humidity	63%	69%	88%	90%
Chance of Precip.	1%	1%	52%	44%
Cloud Cover	46%	42%	50%	51%
Conditions	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sunrise Sunset	5: 31 AM 6: 14 PM			

Conditions

Pressure : 1008 hpa

Visibility : 11.27 Km

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



WEATHER FORECAST – KHULNA

18.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 27	33 / 27	29 / 26	27 / 26
Wind	22 km/h SSW	22 km/h SSW	18 km/h S	13 km/h S
Humidity	67%	68%	85%	88%
Chance of Precip.	1%	38%	45%	36%
Cloud Cover	32%	50%	53%	50%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 41 AM 6: 25 PM			

Conditions

Pressure : 1007 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	19 Apr 2020	20 Apr 2020	21 Apr 2020
Temperature (C)	33 °C/ 25 °C	34 °C/ 25 °C	31 °C/ 23 °C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h33m18s/18h21m54s	5h32m18s/18h21m54s	5h31m42s/18h23m00s
Day Length	12h48m36s	12h49m36s	12h51m18s
Moon Rise/ Set	3:36 AM 3:19 PM	4:08AM 4:09PM	4:40AM 4:58PM
Moon Phase/ illu	Waning Crescent, 10%	Waning Crescent, 5%	Waning Crescent, 1%
NauticalTwilight	0443,1912	0443,1912	0441,1913
Civil Twilight	0510,1844	0510,1843	0508,1845
Humidity	D : 78% N : 87%	D : 75% N : 89%	D : 82% N : 90%
Barometer (mb)	1007	1008	1008
Visibility	Good	Good	Good
Precip Chance	80%	80%	85%
Wind (mph)	14 Km/h SSE	13 Km/h S	12 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 Apr 2020	20 Apr 2020	21 Apr 2020
Temperature (C)	30°C/ 25°C	32°C/ 25°C	31°C/ 25°C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h29m00s/18h14m36s	5h28m00s/18h13m36s	5h27m42s/18h15m42s
Day Length	12h45m36s	12h46m36s	12h48m00s
Moon Rise/ Set	3:28 AM 3:14 PM	4:08AM 4:09PM	4:34AM 4:52PM
Moon Phase/ illu	Waning Crescent, 10%	Waning Crescent, 5%	Waning Crescent, 1%
NauticalTwilight	0439, 1904	0439, 1903	0437, 1905
Civil Twilight	0506, 1837	0506, 1836	0504, 1838
Humidity	D : 82% N : 94%	D : 80% N : 96%	D : 82% N : 95%
Barometer (mb)	1010	1009	1010
Visibility	Good	Good	Good
Precip Chance	40%	40%	60%
Wind (mph)	14 Km/h SSW	13 Km/h SSW	11 Km/h SW

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



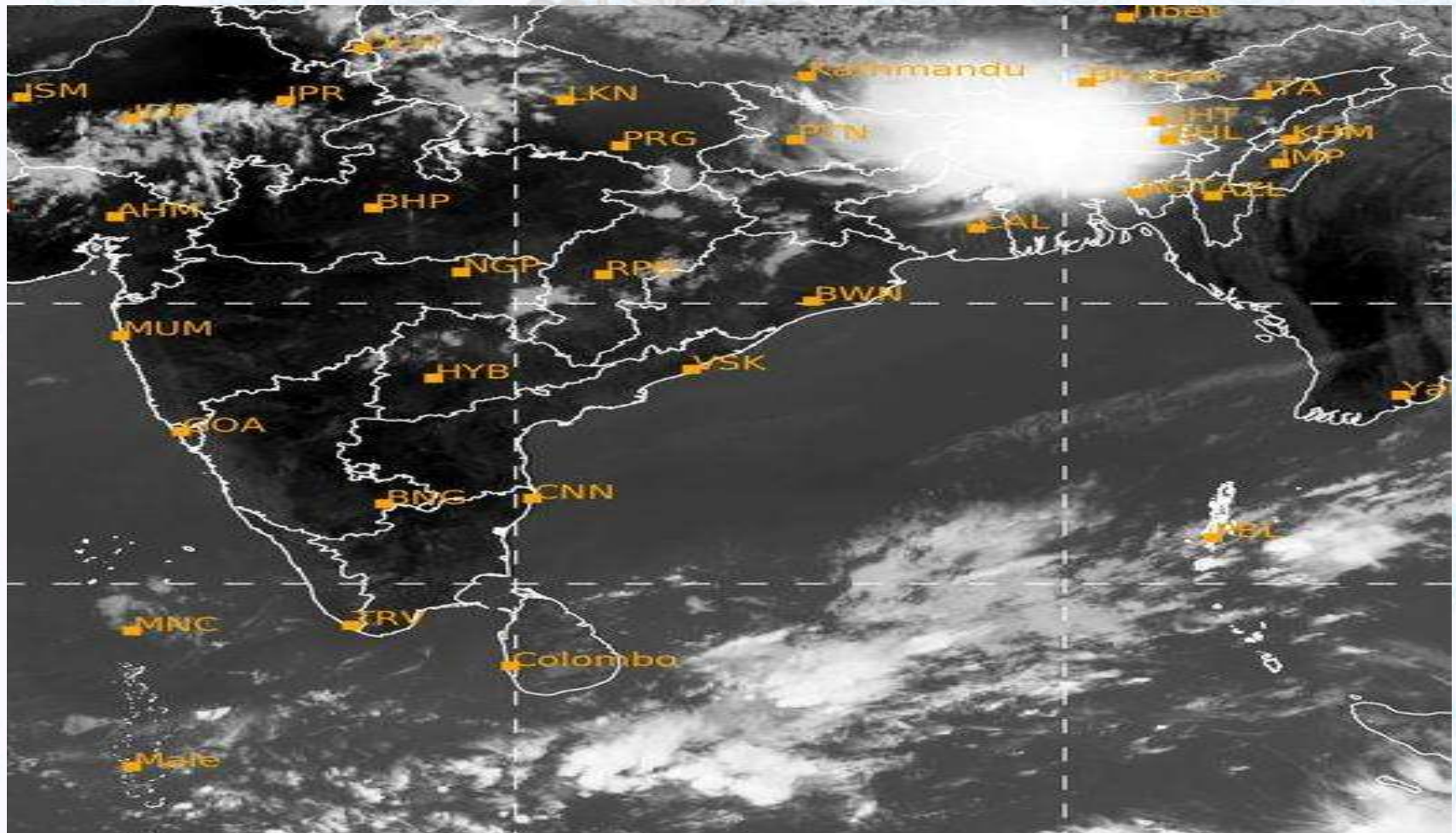
GENERAL WEATHER FORECAST – KHULNA

Description	19 Apr 2020	20 Apr 2020	21 Apr 2020
Temperature(C)	35°C/ 26°C	35°C/ 26°C	32°C/ 24°C
Summary	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
Sun Rise/Set	5h37m42s/18h24m12s	5h36m42s/18h23m12s	5h36m18s/18h25m24s
Day Length	12h46m30s	12h48m30s	12h49m06s
Moon Rise/Set	3:39 AM 3:24 PM	4:08AM 4:09PM	4:44AM 5:02PM
Moon Phase/illu	Waning Crescent, 10%	Waning Crescent, 5%	Waning Crescent, 1%
Nautical Twilight	0447, 1914	0447, 1914	0446, 1913
Civil Twilight	0515, 1847	0514, 1847	0513, 1848
Humidity	D : 75% N : 85%	D : 76% N : 88%	D : 80% N : 89%
Barometer (mb)	1008	1007	1008
Visibility	Good	Good	Good
Precip Chance	80%	80%	80%
Wind (mph)	16 km/h S	15 km/h S	13 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

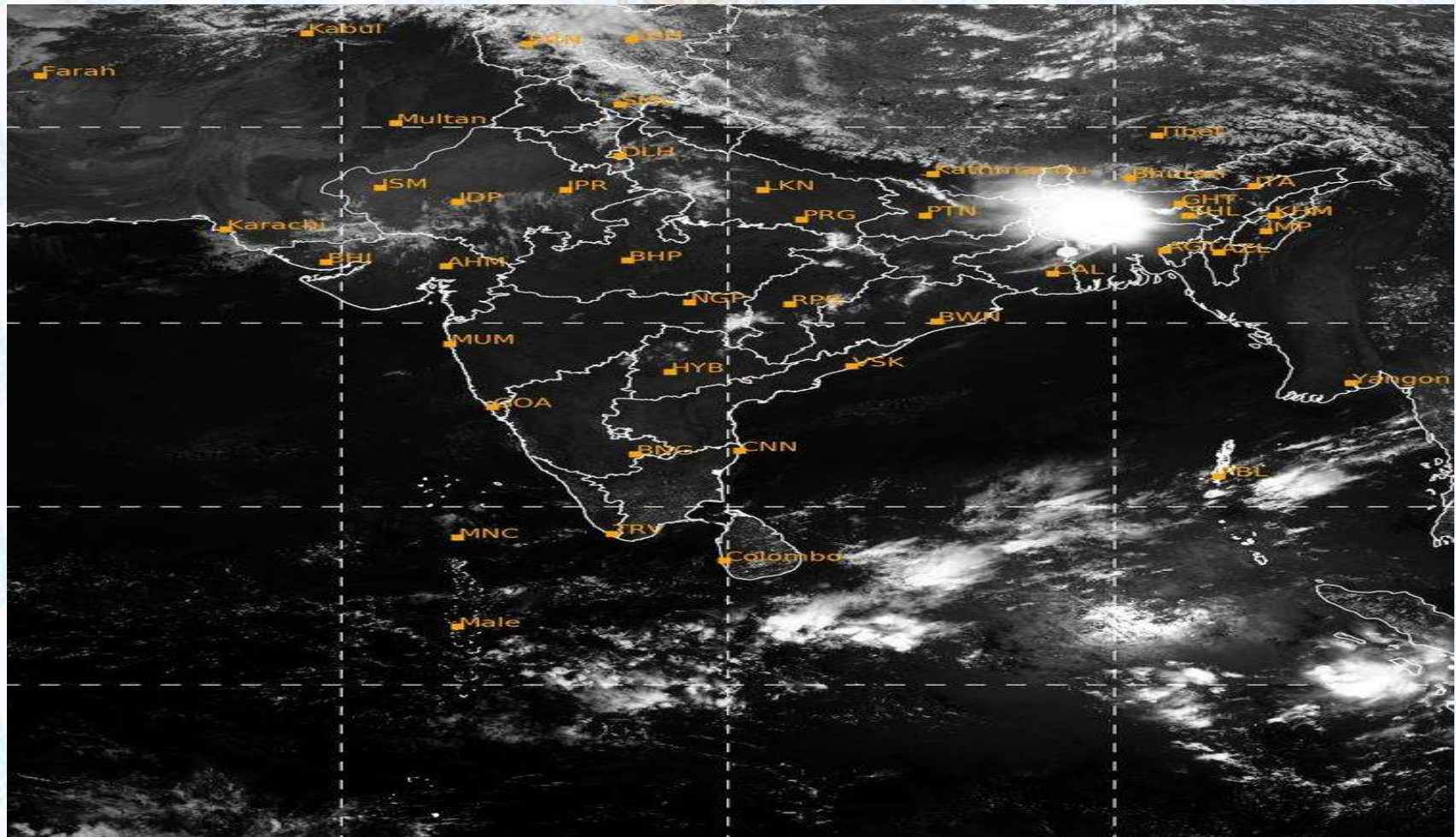


18/04/2020, 12:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



18/04/2020, 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 18.04.2020)

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, 08-12 KTS, TEMPORARY GUSTING TO 22
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =18,0000 UTC. CHATTOGRAM =1010 HPA



Inland River Port Warning (VALID TILL 06 PM OF 18.04.2020)

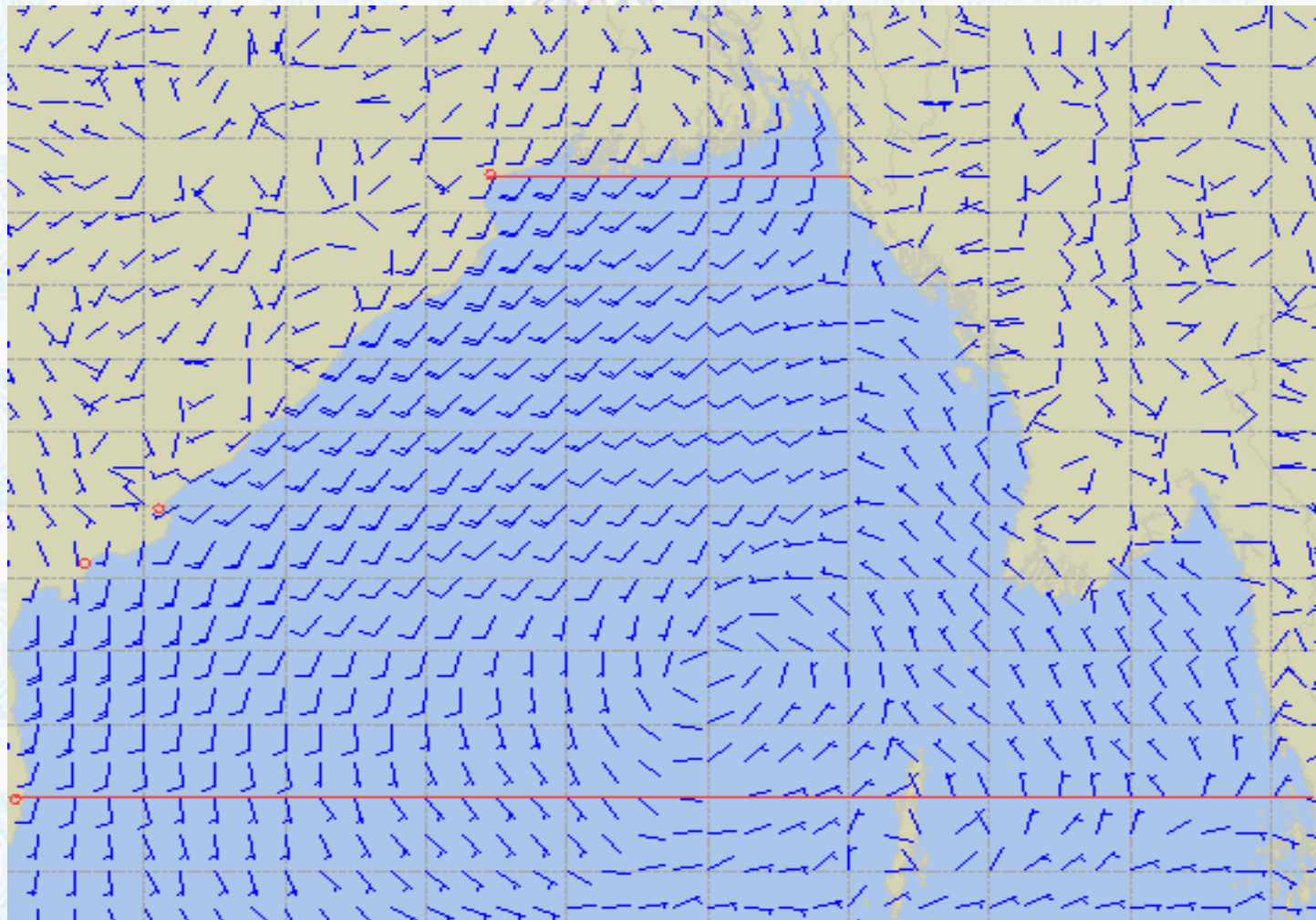
RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **WEST/NORTH-WESTER'LY**, GUSTY/SQUALLY **WIND SPEED 45-60 KPH** IS LIKELY TO OCCUR OVER THE REGION OF SYLHET **WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE(R) ONE.**



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



Surface Wind Forecast- 19 Apr - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



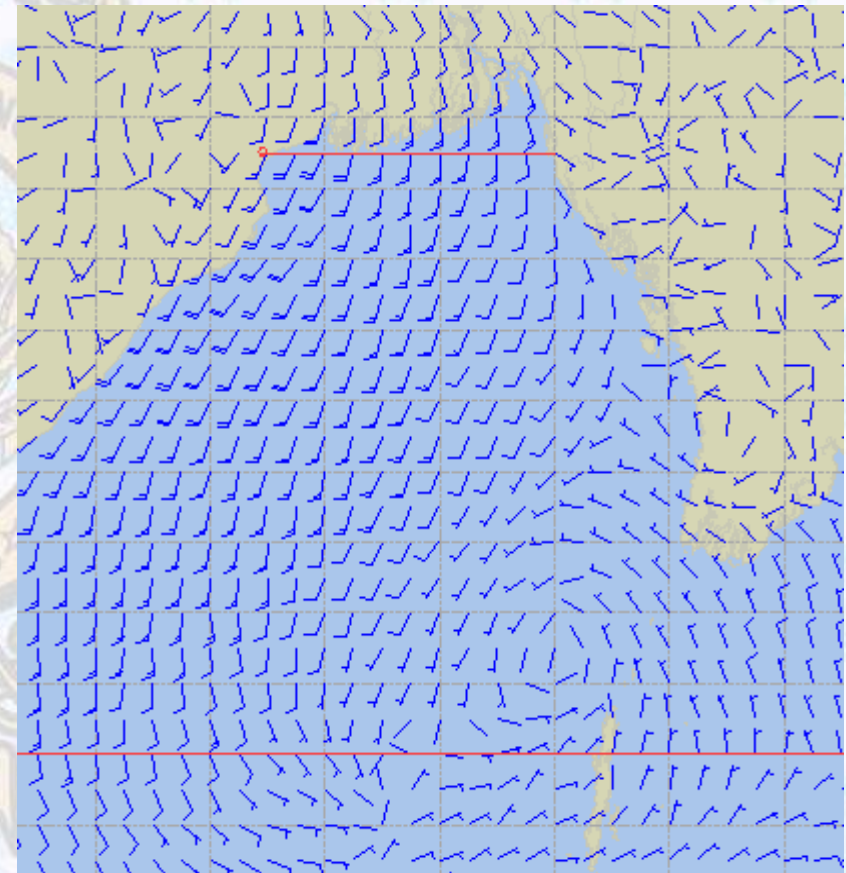
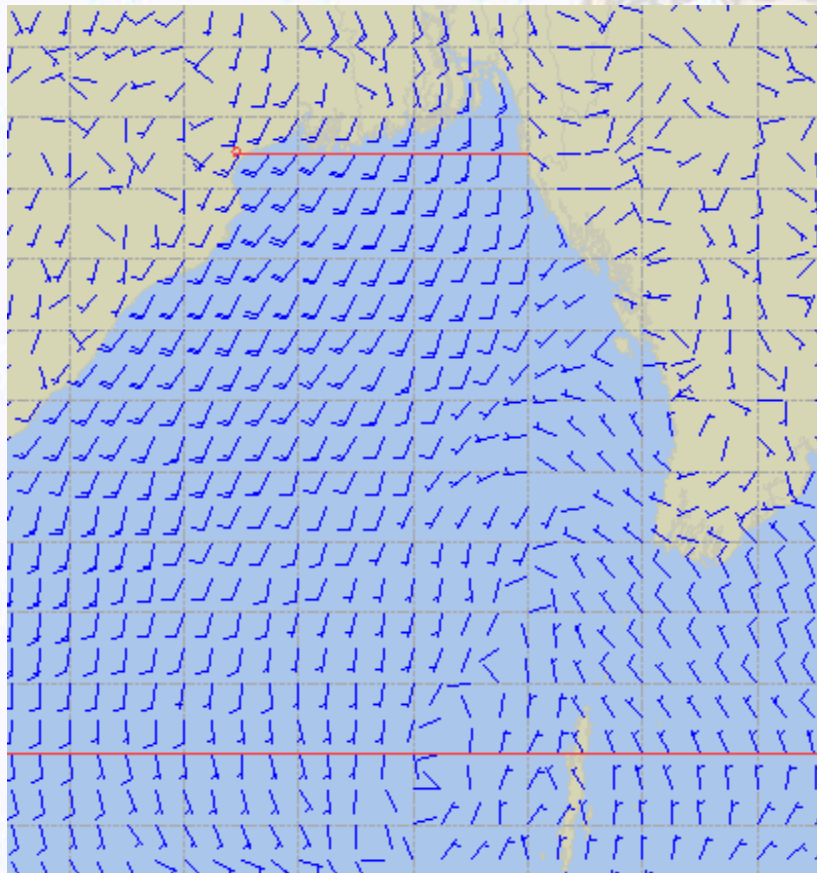
60 Knots



Surface Wind Forecast –20 Apr & 21 Apr- 2020

20 Apr 2020 Monday

21 Apr 2020 Tuesday



Legend:



Calm
Winds



5 Knots



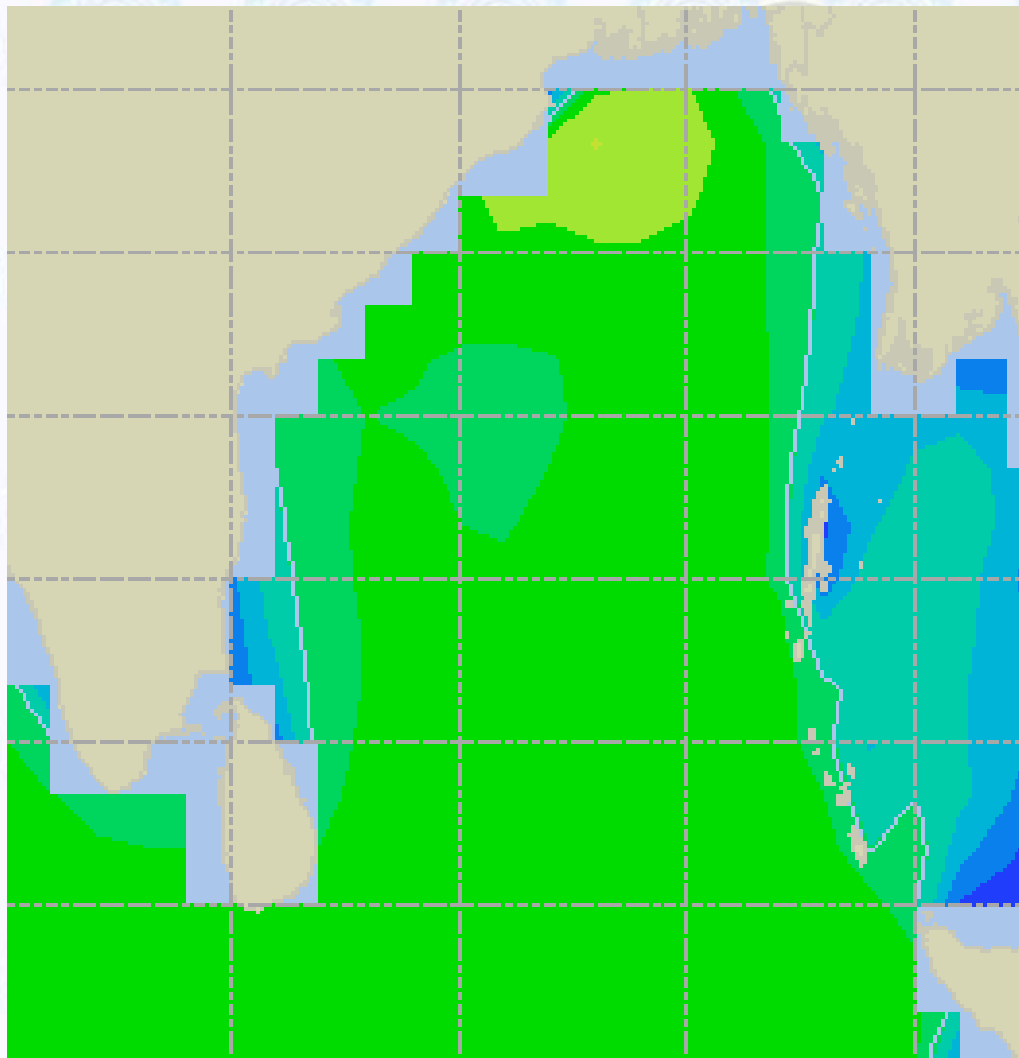
10 Knots



60 Knots



Sea State Forecast - 19 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

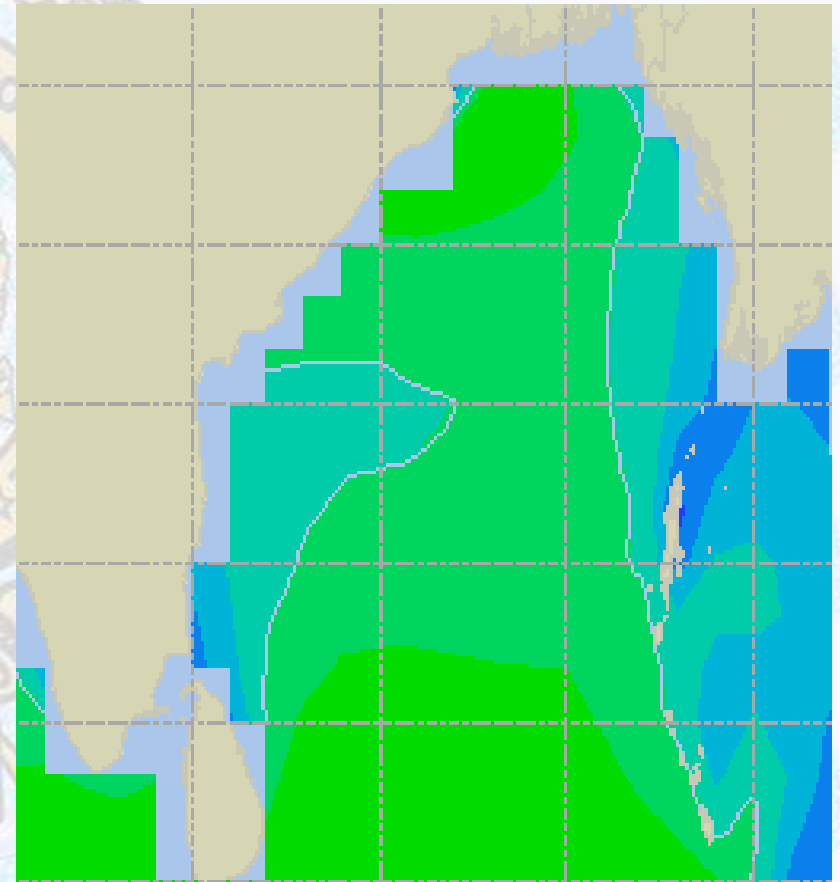
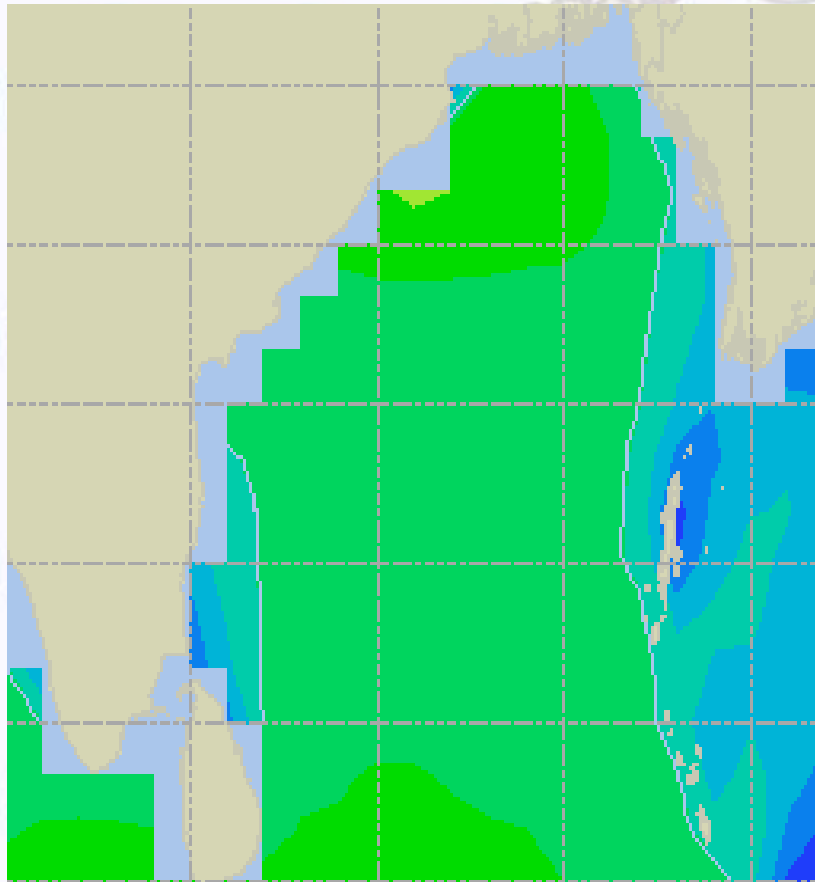




Sea State Forecast - 20 Apr & 21 Apr- 2020

20 Apr 2020 Monday

21 Apr 2020 Tuesday

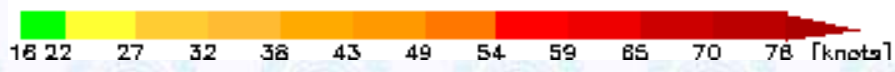
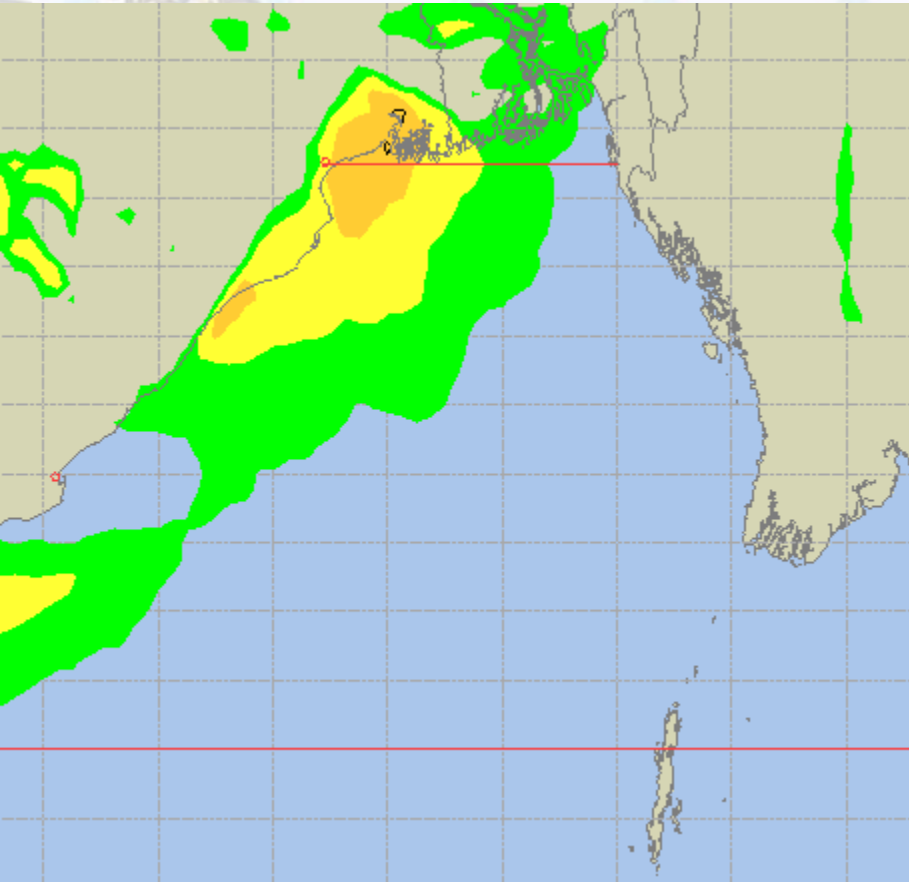
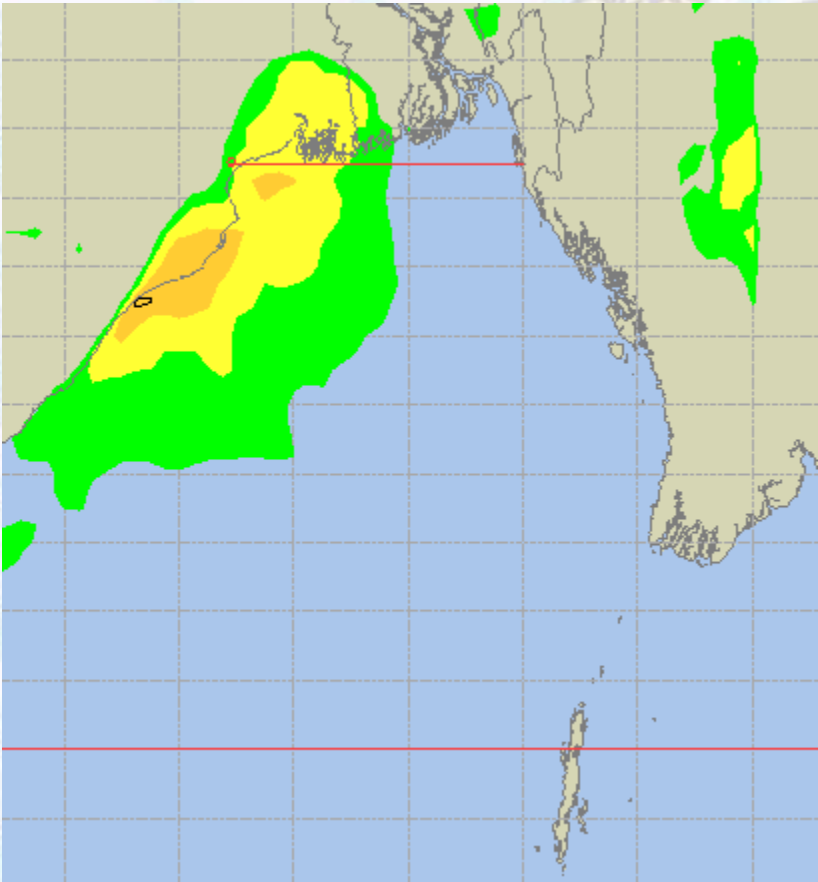




Peak Gusting Possibilities – 19 & 20 Apr 2020

19 Apr 2020 Sunday

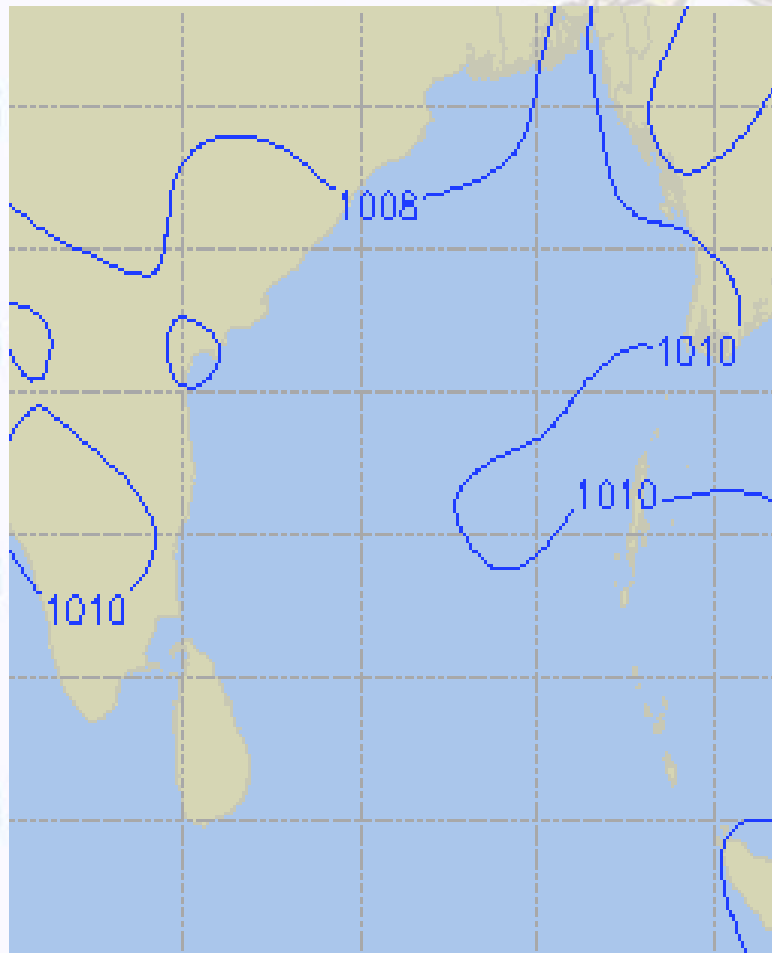
20 Apr 2020 Monday



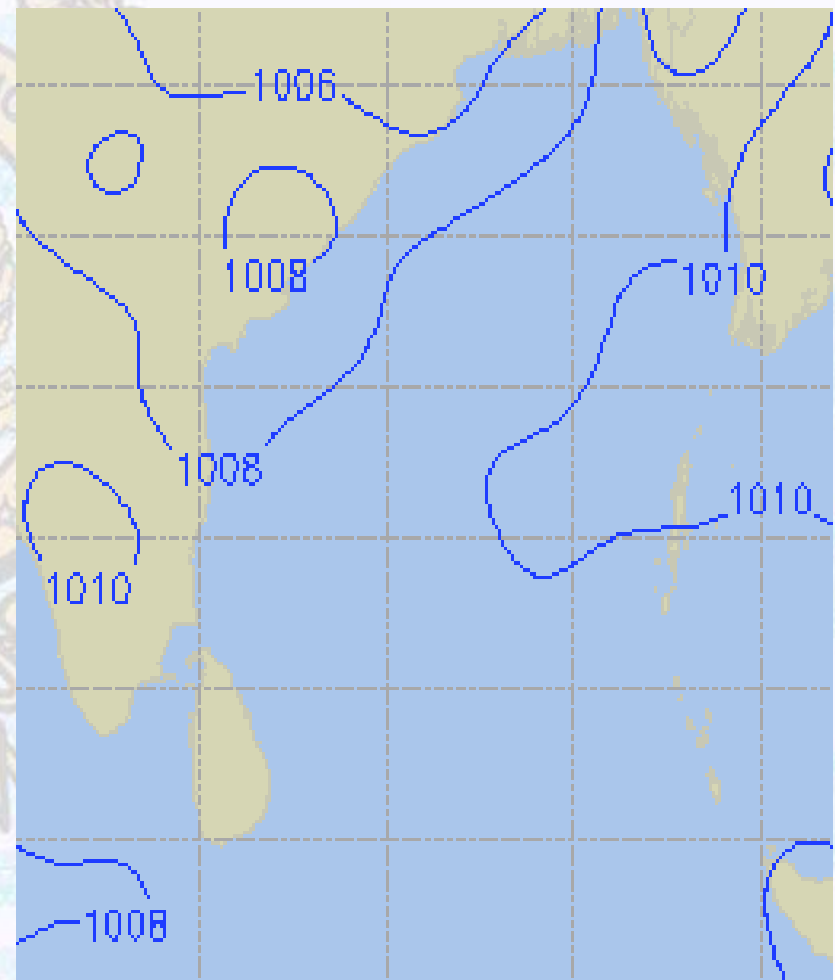


Surface Pressure forecast – 19 & 20 Apr 2020

19 Apr 2020 Sunday



20 Apr 2020 Monday

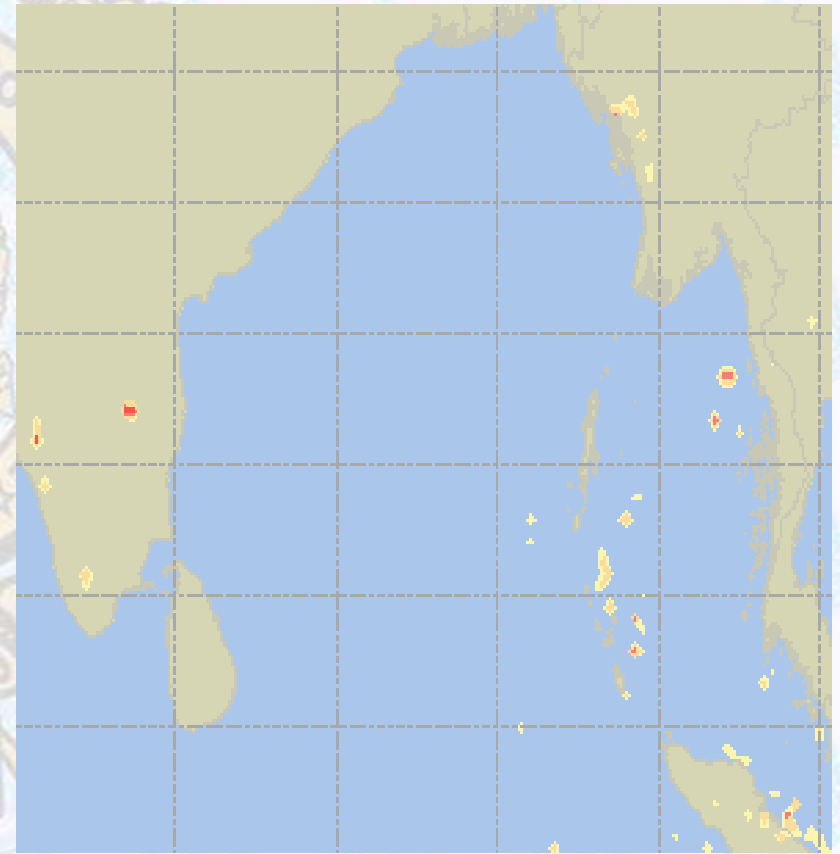
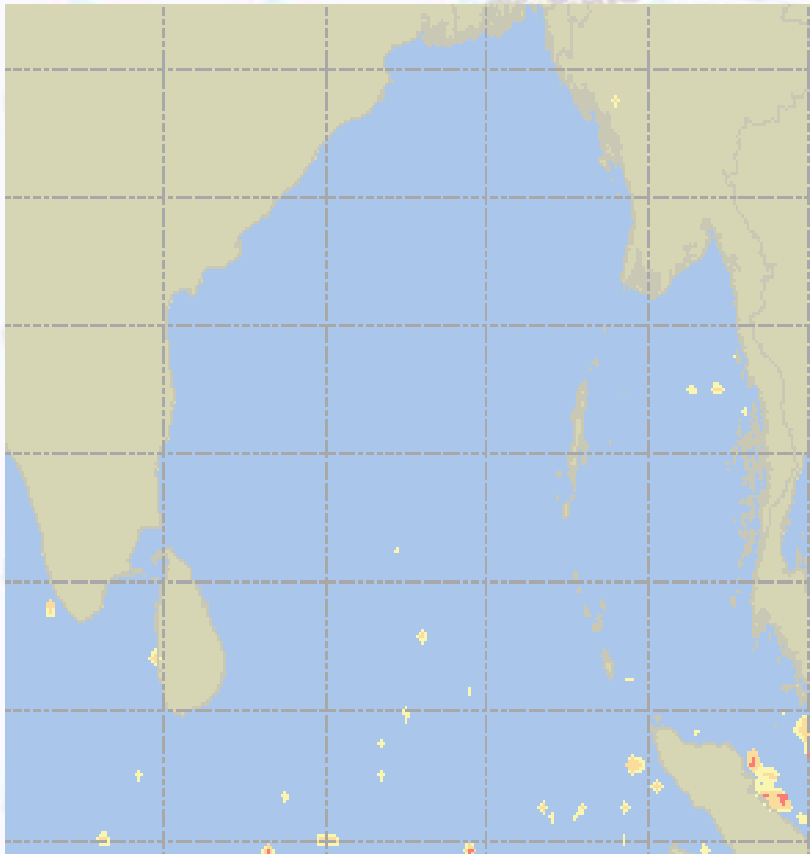




Visibility at Sea Forecast – 19 & 20 Apr - 2020

19 Apr 2020 Sunday

20 Apr 2020 Monday



Visibility Scale:



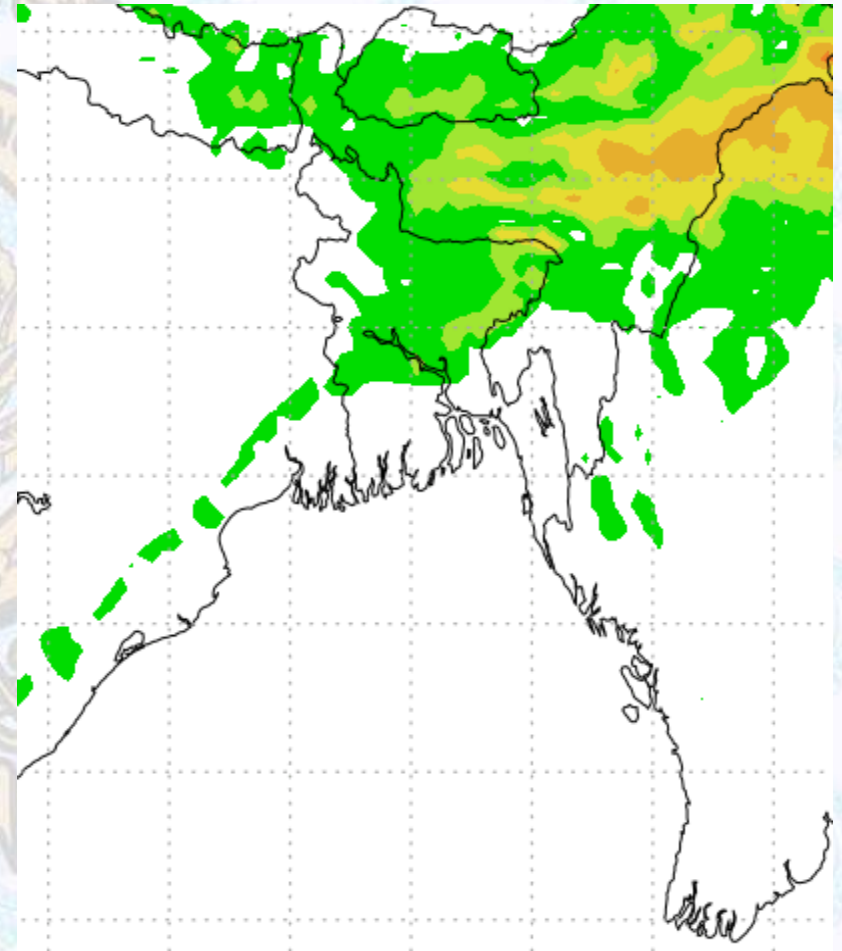
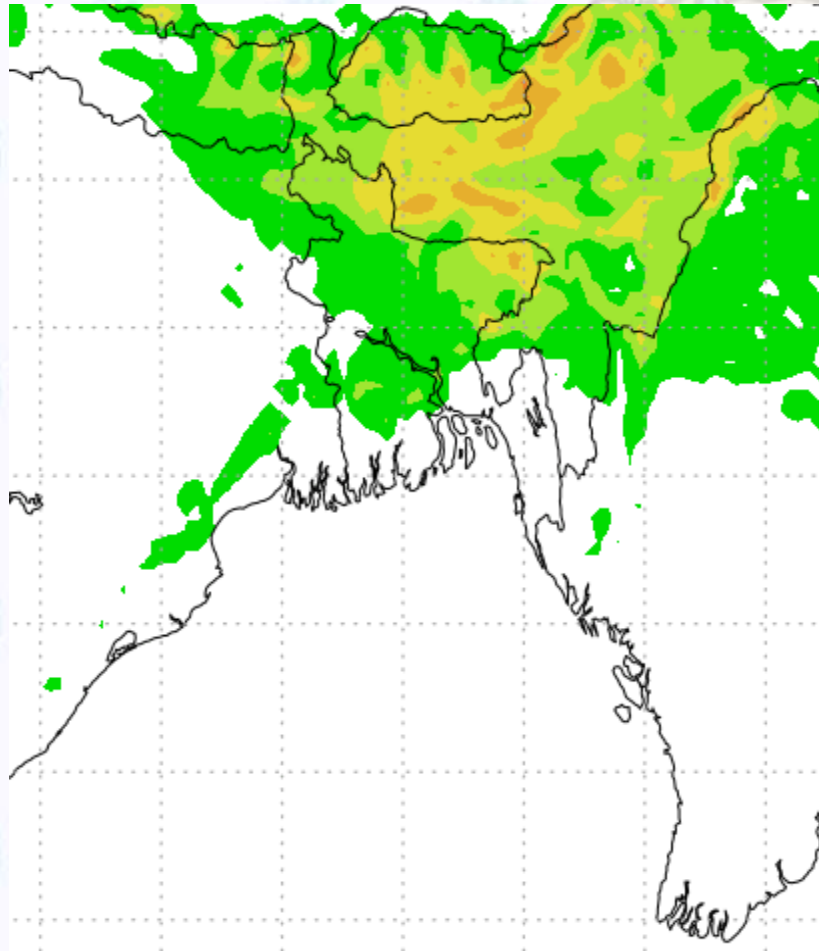
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 19 & 20 Apr 2020

Rain(mm) 20 & 21 Apr 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0526		0.80			0253	0.87
19 Apr 2020	1133	4.08		0848	2.67		0901	2.56
	1746	0.94		1515	0.88		1504	0.96
	2339	4.15		2100	2.82		2107	2.65
	Time	Height		Time	Height		Time	Height
		0604		0.69			0335	0.73
20 Apr 2020	1206	4.29		0925	2.94		0934	2.73
	1822	0.78		1557	0.75		1542	0.82
	-	-		2137	3.01		2140	2.73
	Time	Height		Time	Height		Time	Height
		0011		4.28			0412	0.60
21 Apr 2020	0636	0.61		0958	3.16		1004	2.85
	1233	4.45		1633	0.63		1615	0.72
	1853	0.67		2210	3.15		2211	2.77