



WEATHER FORECAST FOR BN

26 - 29 APR 2020



WEATHER FORECAST – DHAKA

26.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 23	26 / 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: 29 AM 6: 25 PM			

Conditions

Pressure : 1006 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

26.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 23	27 / 24	25 / 22	24 / 21
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	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sunrise Sunset	5: 25 AM 6: 17 PM			

Conditions

Pressure : 1007 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

26.04.2020

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: 35 AM 6: 28 PM			

Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	27 Apr 2020	28 Apr 2020	29 Apr 2020
Temperature (C)	30 °C/ 23 °C	31 °C/ 23 °C	30 °C/ 23 °C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h27m06s/18h25m30s	5h25m18s/18h25m54s	5h24m18s/18h25m54s
Day Length	12h58m24s	13h00m36s	13h01m36s
Moon Rise/ Set	8:21AM 10:14PM	9:11AM 11:09PM	- -
Moon Phase/ illu	Waxing Crescent, 20%	Waxing Crescent, 30%	Waxing Crescent, 1%
NauticalTwilight	0435,1916	0435,1917	0434,1917
Civil Twilight	0503,1848	0502,1849	0502,1849
Humidity	D : 82% N : 93%	D : 71% N : 91%	D : 81% N : 92%
Barometer (mb)	1008	1009	1010
Visibility	Good	Good	Good
Precip Chance	60%	60%	50%
Wind (mph)	12 Km/h E	10 Km/h E	10 Km/h E

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	27 Apr 2020	28 Apr 2020	29 Apr 2020
Temperature (C)	29°C/ 23°C	29°C/ 22°C	29°C/ 22°C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	5h23m12s/18h17m54s	5h21m24s/18h18m12s	5h20m24s/18h18m12s
Day Length	12h54m42s	12h56m48s	12h57m48s
Moon Rise/ Set	8:17AM 10:05PM	9:11AM 11:09PM	- -
Moon Phase/ illu	Waxing Crescent, 20%	Waxing Crescent, 30%	Waxing Crescent, 1%
NauticalTwilight	0432, 1908	0431, 1908	0431, 1907
Civil Twilight	0500, 1840	0459, 1841	0459, 1841
Humidity	D : 91% N : 98%	D : 91% N : 96%	D : 89% N : 96%
Barometer (mb)	1011	1010	1011
Visibility	Good	Good	Good
Precip Chance	80%	80%	81%
Wind (mph)	8 Km/h SE	10 Km/h SE	10 Km/h SE

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



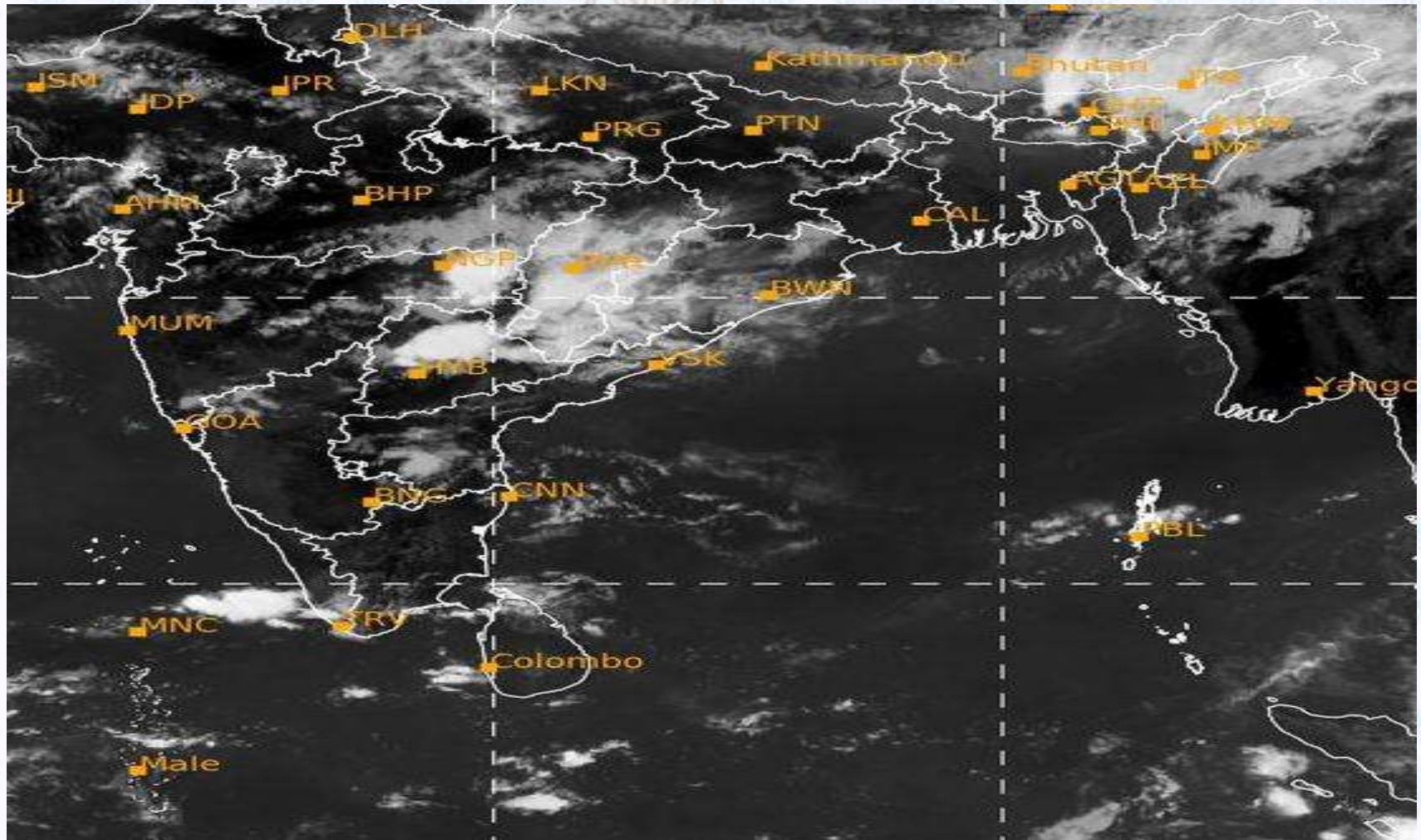
GENERAL WEATHER FORECAST – KHULNA

Description	27 Apr 2020	28 Apr 2020	29 Apr 2020
Temperature(C)	30°C/ 23°C	31°C/ 23°C	30°C/ 23°C
Summary	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
Sun Rise/Set	5h31m48s/18h27m36s	5h29m54s/18h28m00s	5h28m54s/18h28m00s
Day Length	12h55m48s	12h58m06s	12h59m06s
Moon Rise/Set	8:27AM 10:16PM	9:11AM 11:09PM	- -
Moon Phase/illu	Waxing Crescent, 21%	Waxing Crescent, 30%	Waxing Crescent, 1%
Nautical Twilight	0440, 1918	0440, 1918	0439, 1917
Civil Twilight	0508, 1850	0507, 1851	0507, 1851
Humidity	D : 86% N : 94%	D : 81% N : 91%	D : 80% N : 91%
Barometer (mb)	1010	1010	1011
Visibility	Good	Good	Good
Precip Chance	60%	60%	60%
Wind (mph)	12 km/h E	10 km/h E	10 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

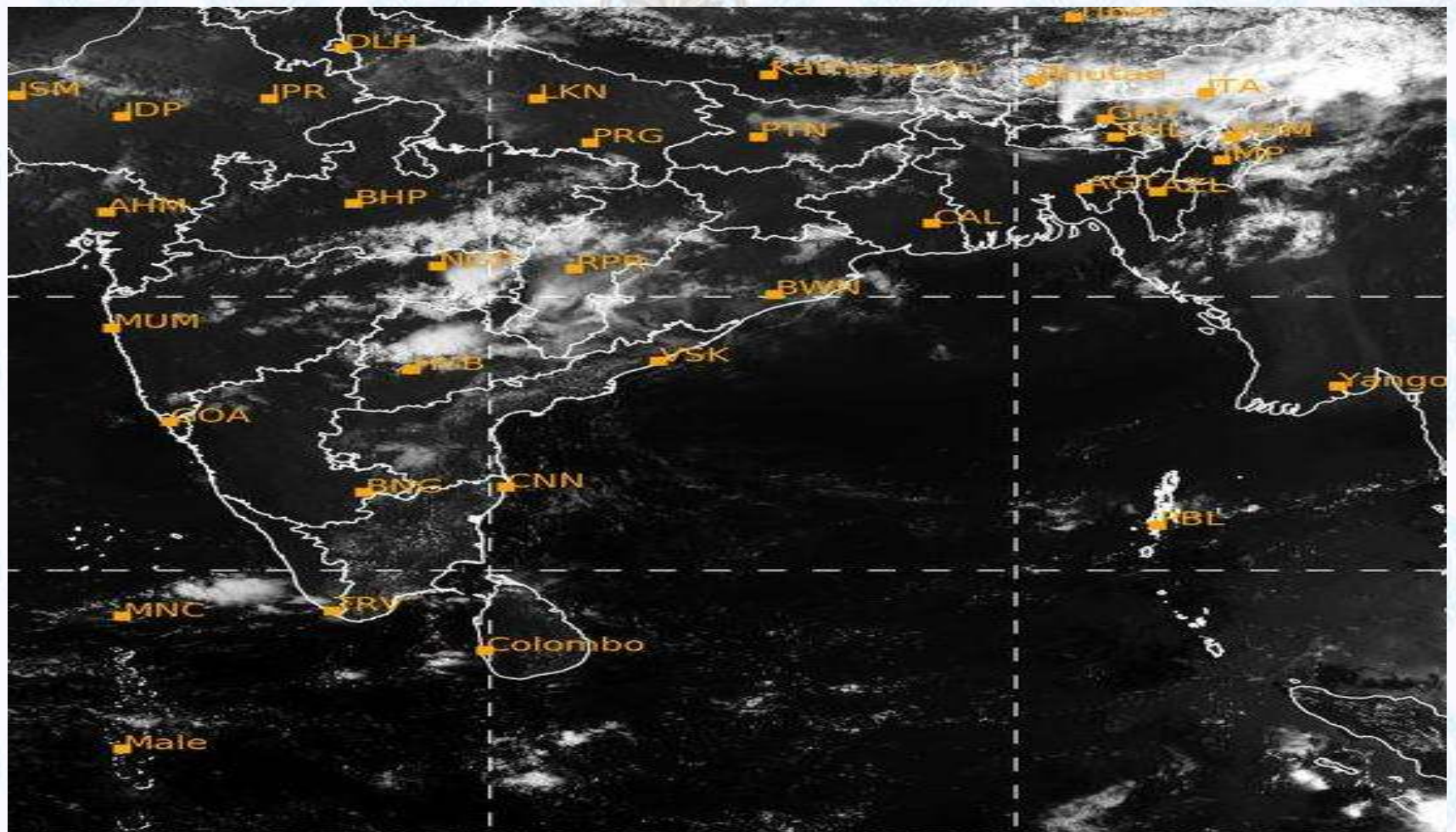


26/04/2020, 12:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



26/04/2020, 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 26.04.2020)

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 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =26,0000 UTC. CHATTOGRAM =1010 HPA



Inland River Port Warning **(VALID TILL 06 PM OF 26.04.2020)**

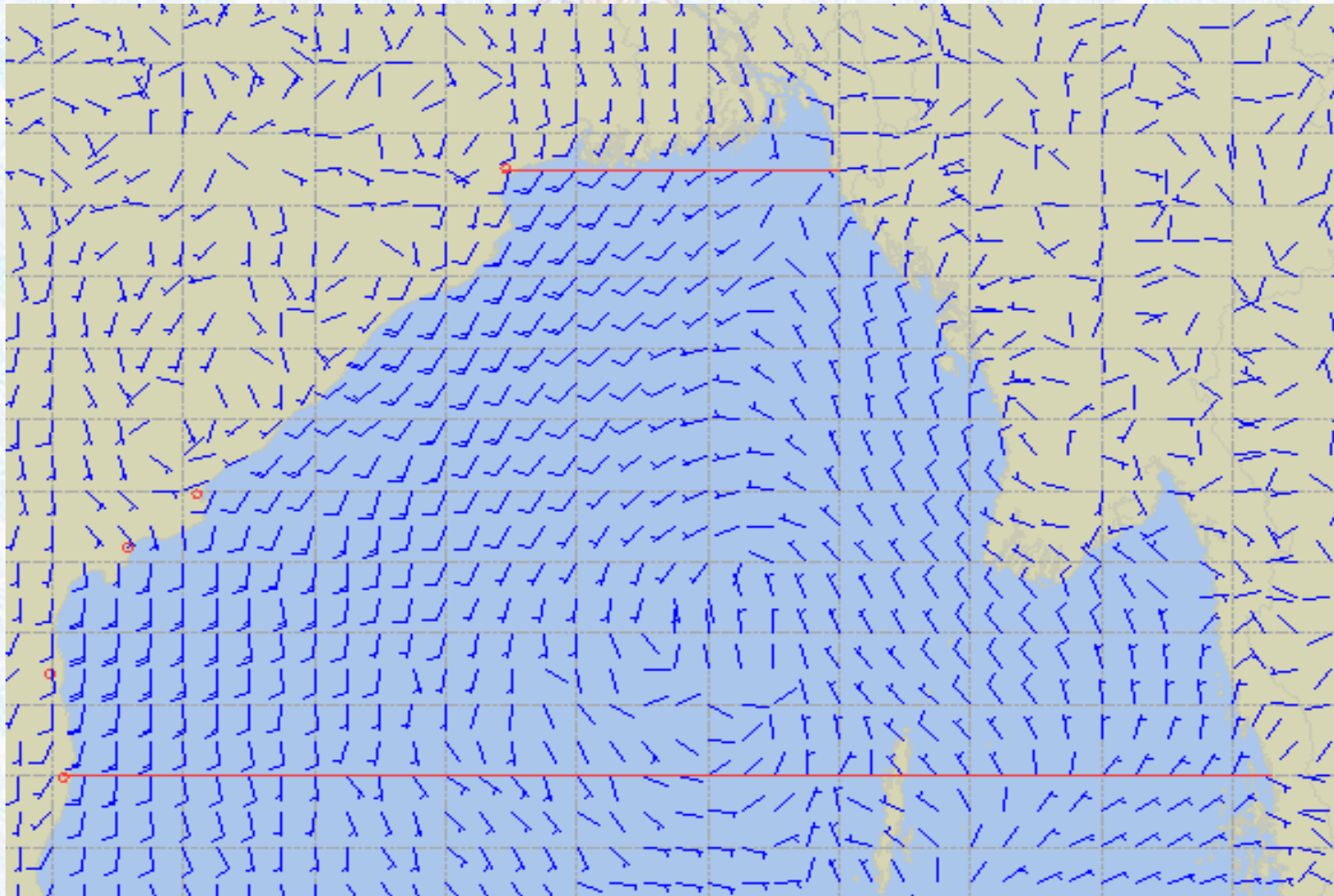
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **WEST/NORTH-WESTERLY**, SQUALLS SPEED **60-80 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, PABNA, TANGAIL, MYMENSINGH, FARIDPUR, MADARIPUR, DHAKA, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. **TWO (R) TWO**.

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

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



Surface Wind Forecast- 27 Apr - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



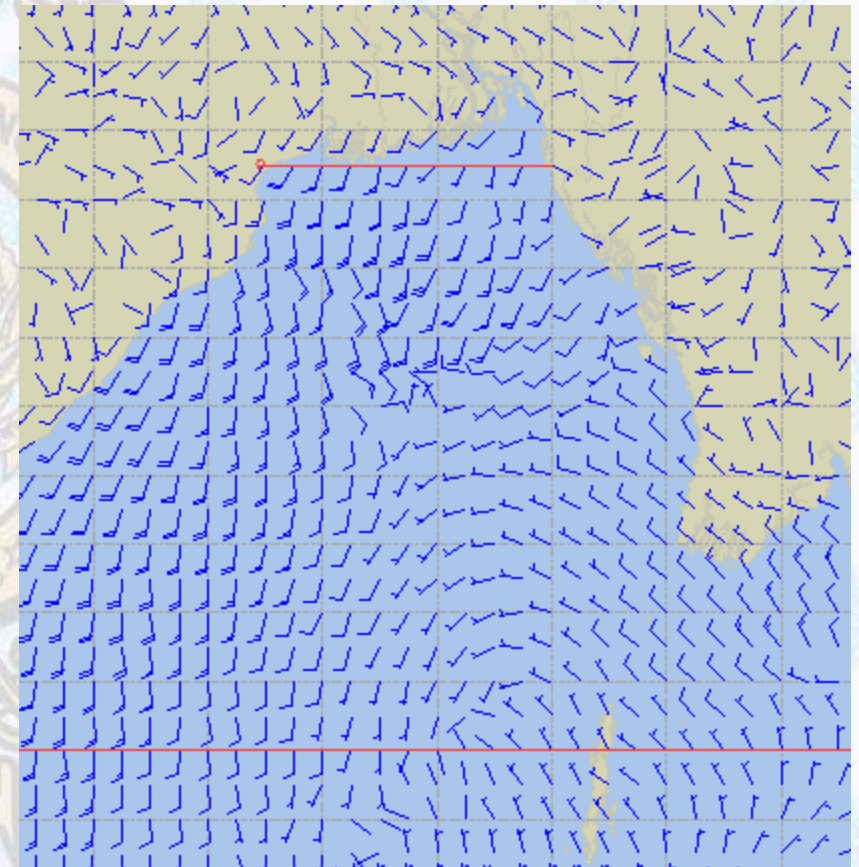
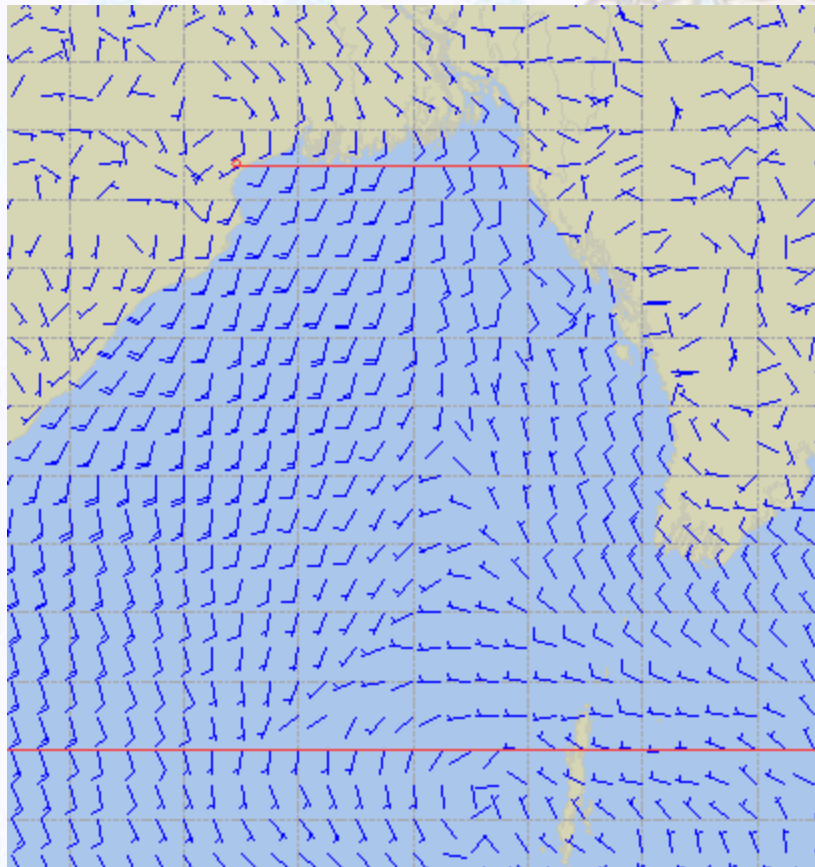
60 Knots



Surface Wind Forecast –28 & 29 Apr- 2020

28 Apr 2020 Tuesday

29 Apr 2020 Wednesday



Legend:



Calm
Winds



5 Knots



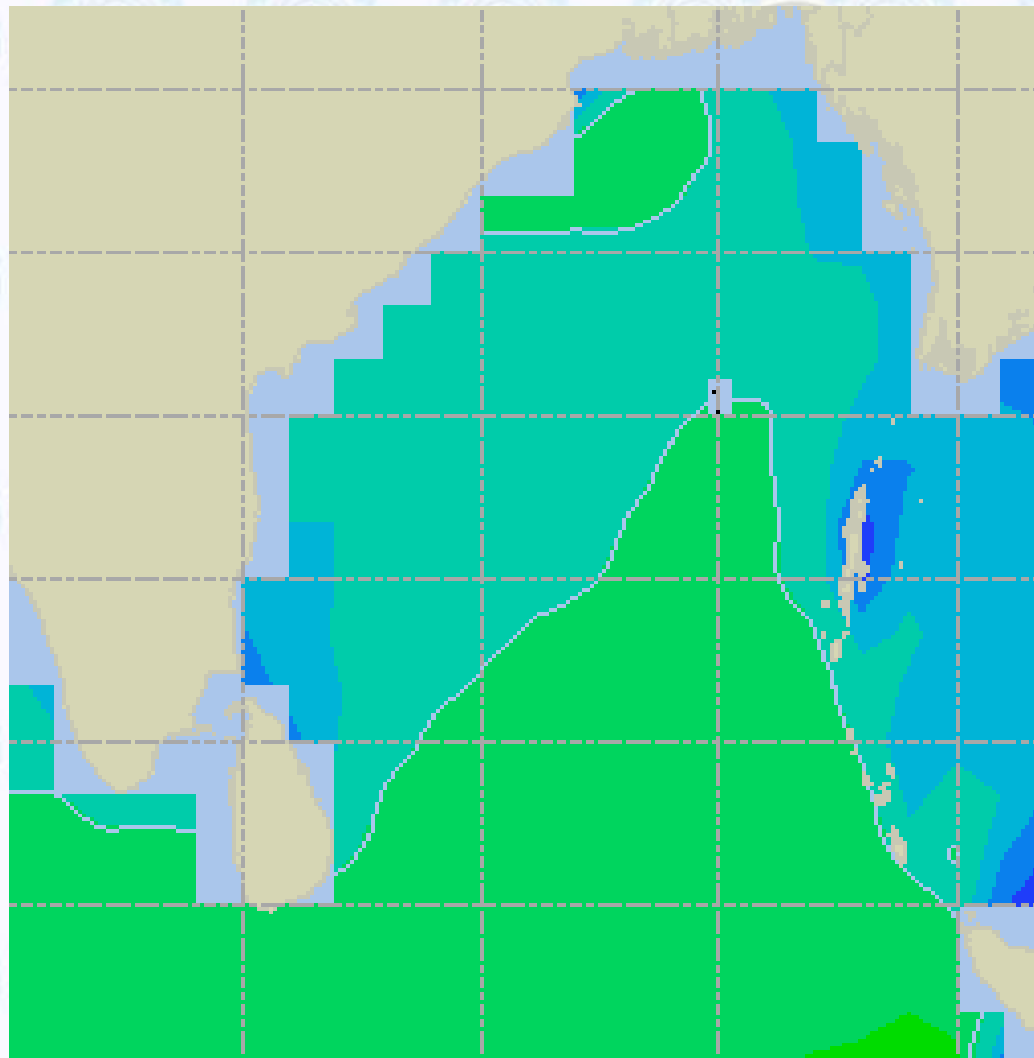
10 Knots



60 Knots



Sea State Forecast - 27 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

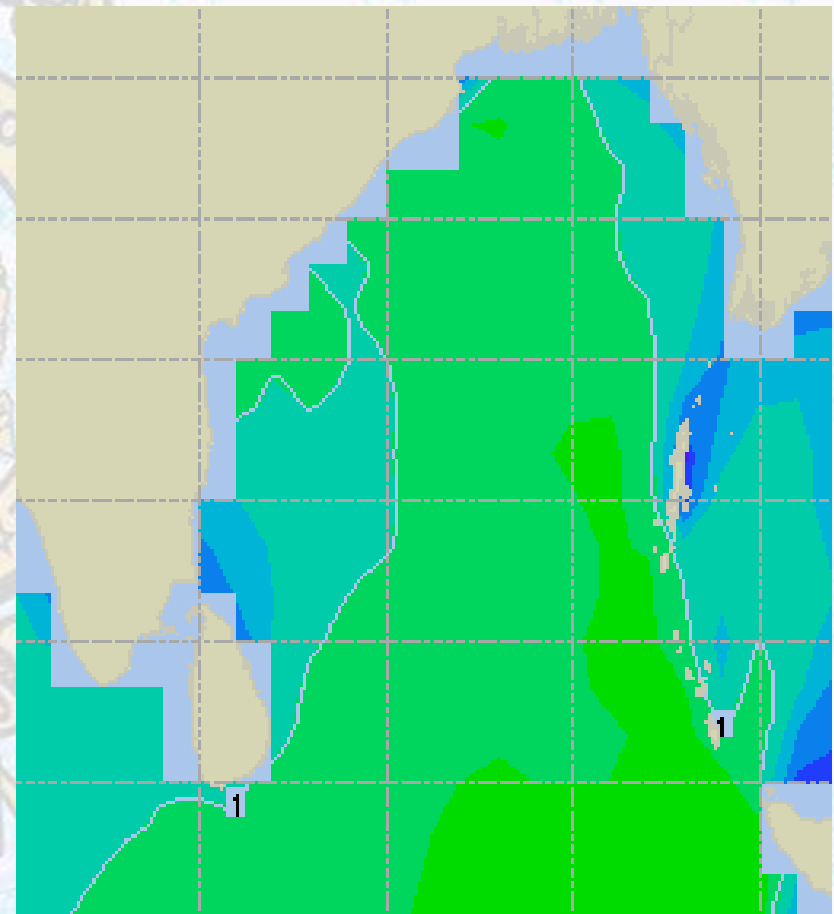
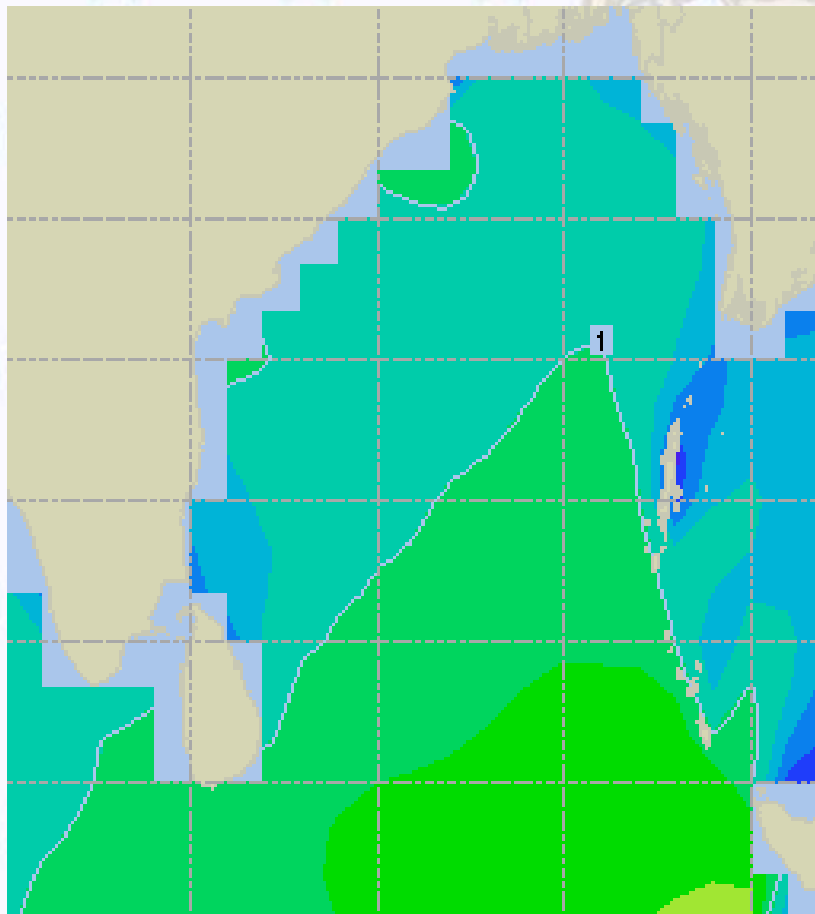




Sea State Forecast – 28 & 29 Apr- 2020

28 Apr 2020 Tuesday

29 Apr 2020 Wednesday

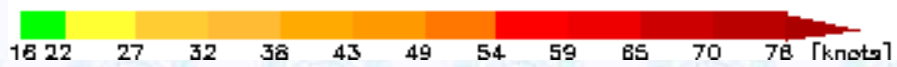
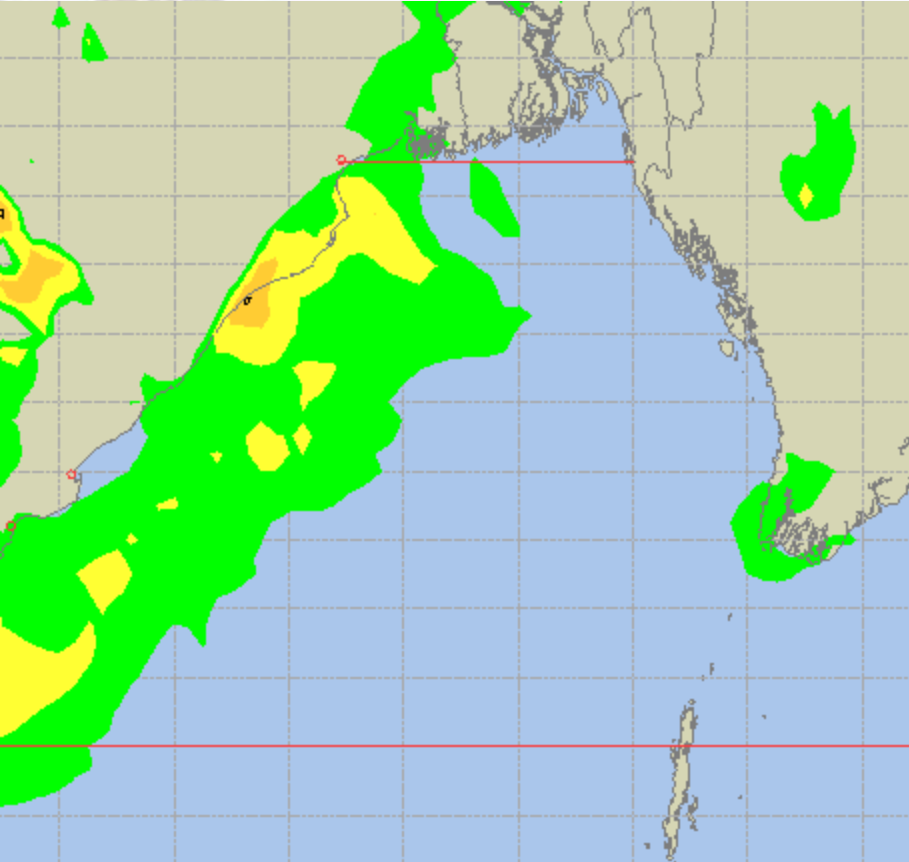
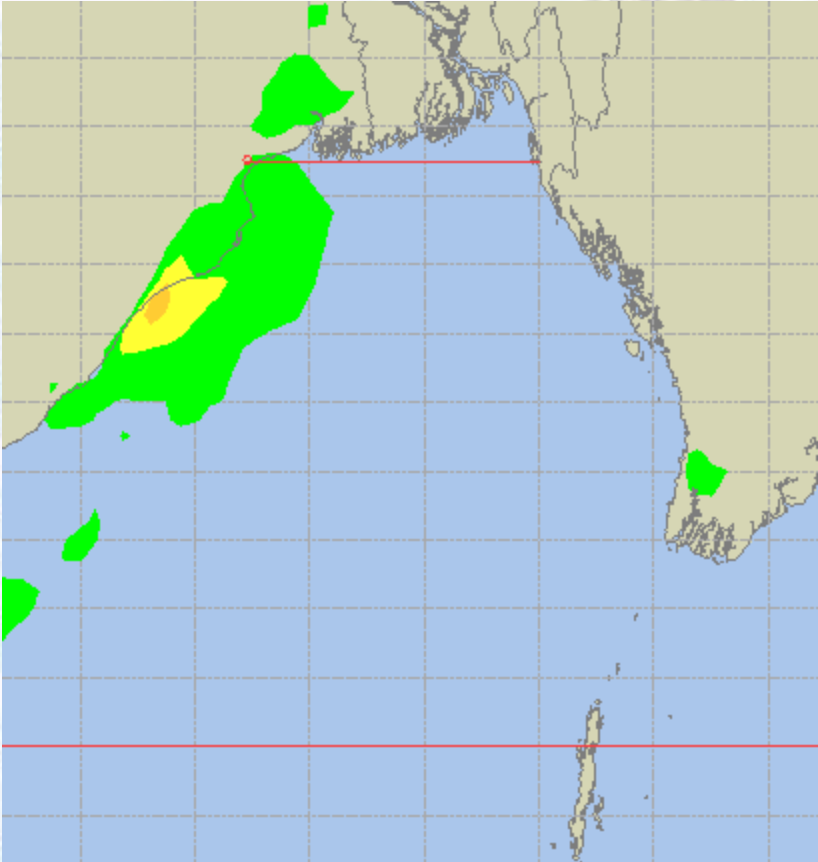




Peak Gusting Possibilities – 27 & 28 Apr 2020

27 Apr 2020 Monday

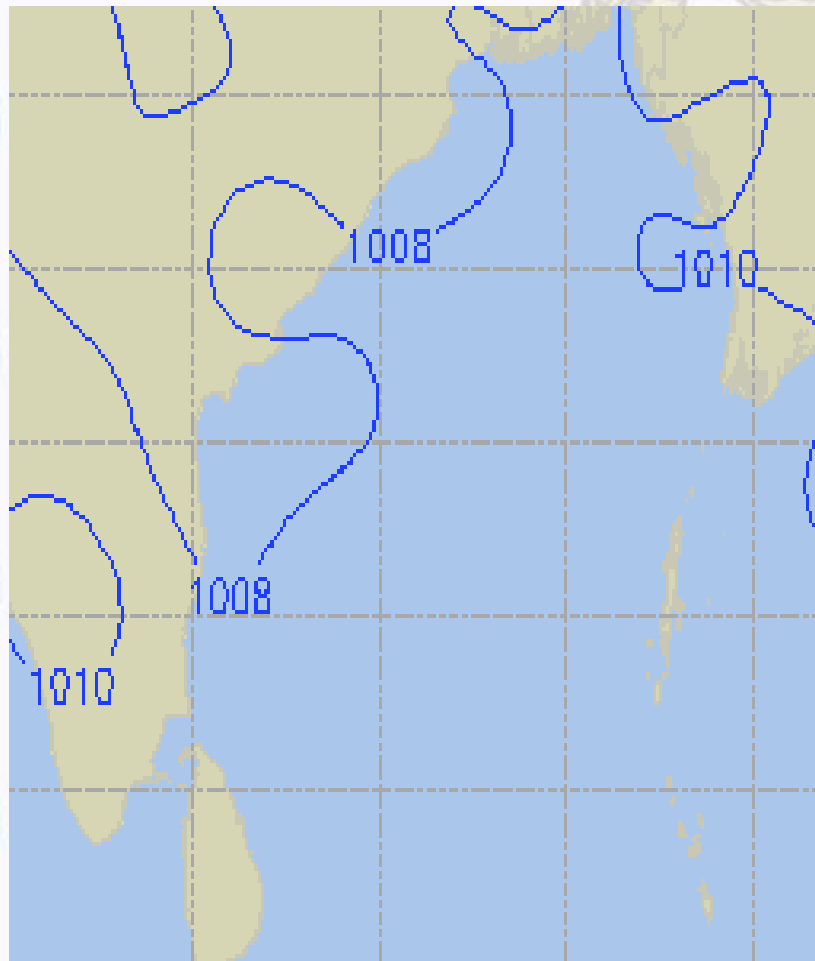
28 Apr 2020 Tuesday



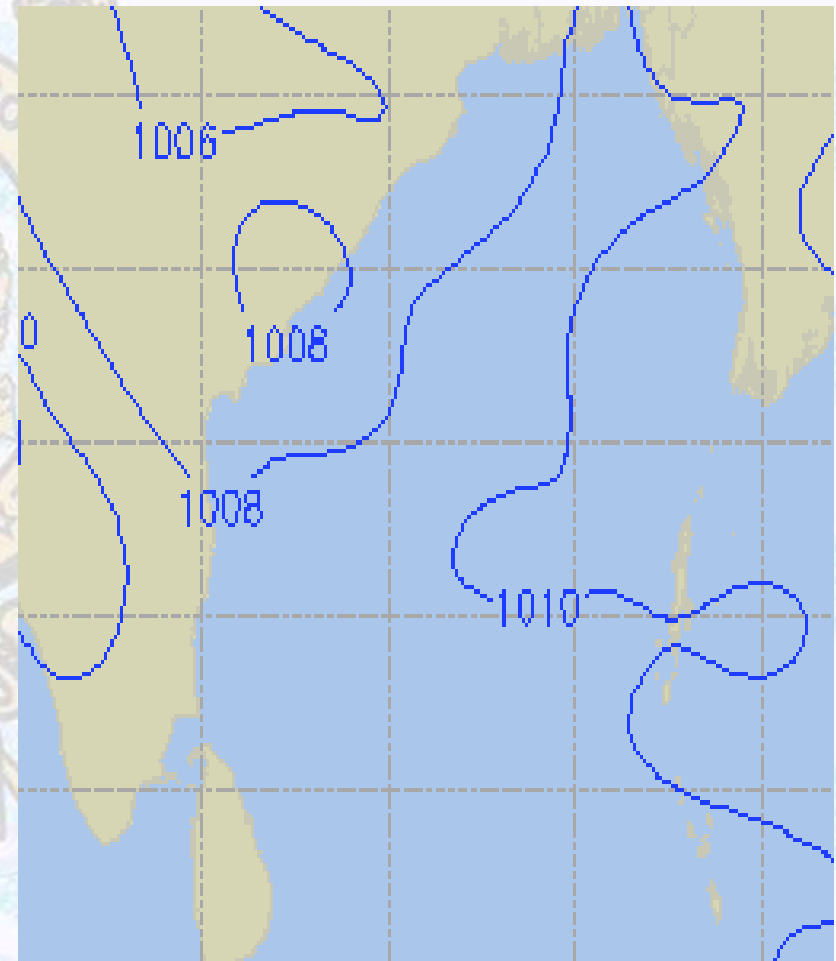


Surface Pressure forecast – 27 & 28 Apr 2020

27 Apr 2020 Monday



28 Apr 2020 Tuesday

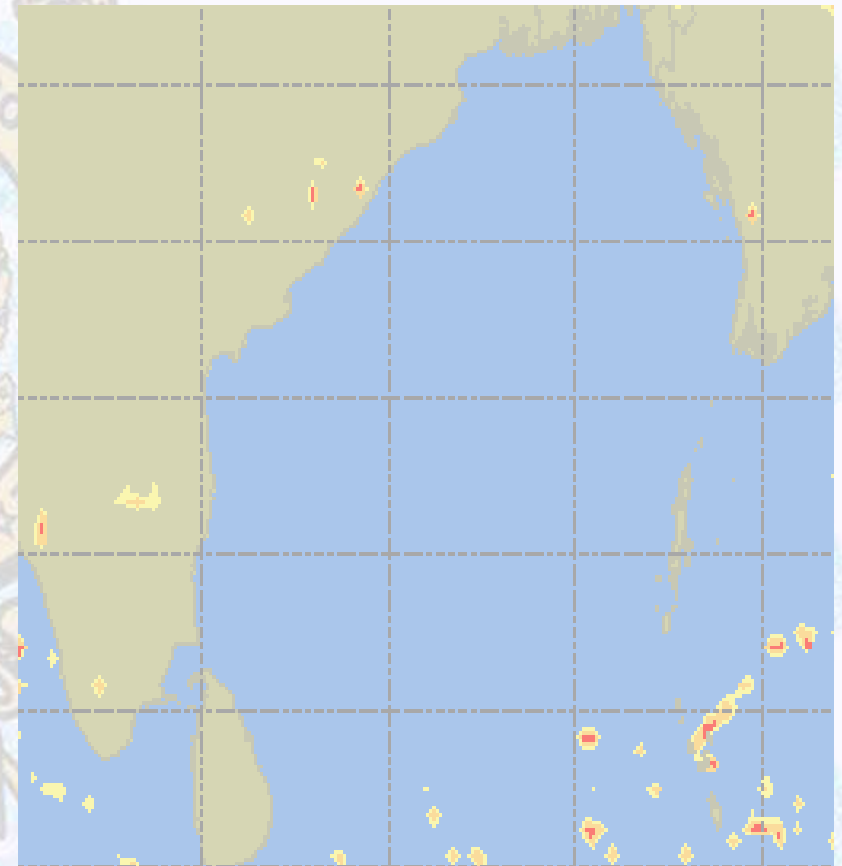
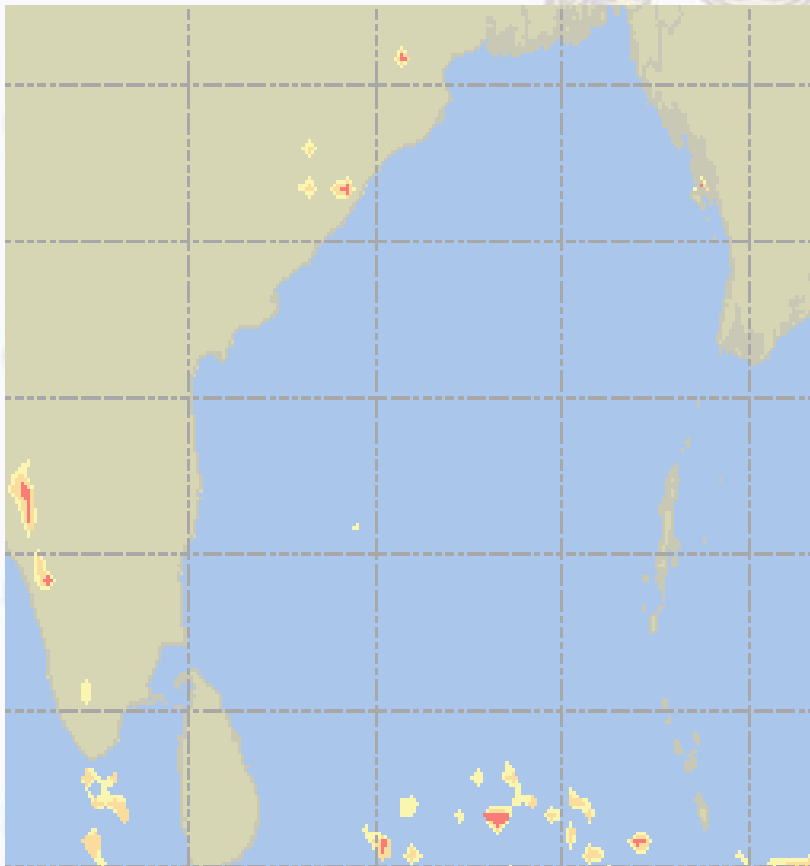




Visibility at Sea Forecast – 27 & 28 Apr - 2020

27 Apr 2020 Monday

28 Apr 2020 Tuesday



Visibility Scale:

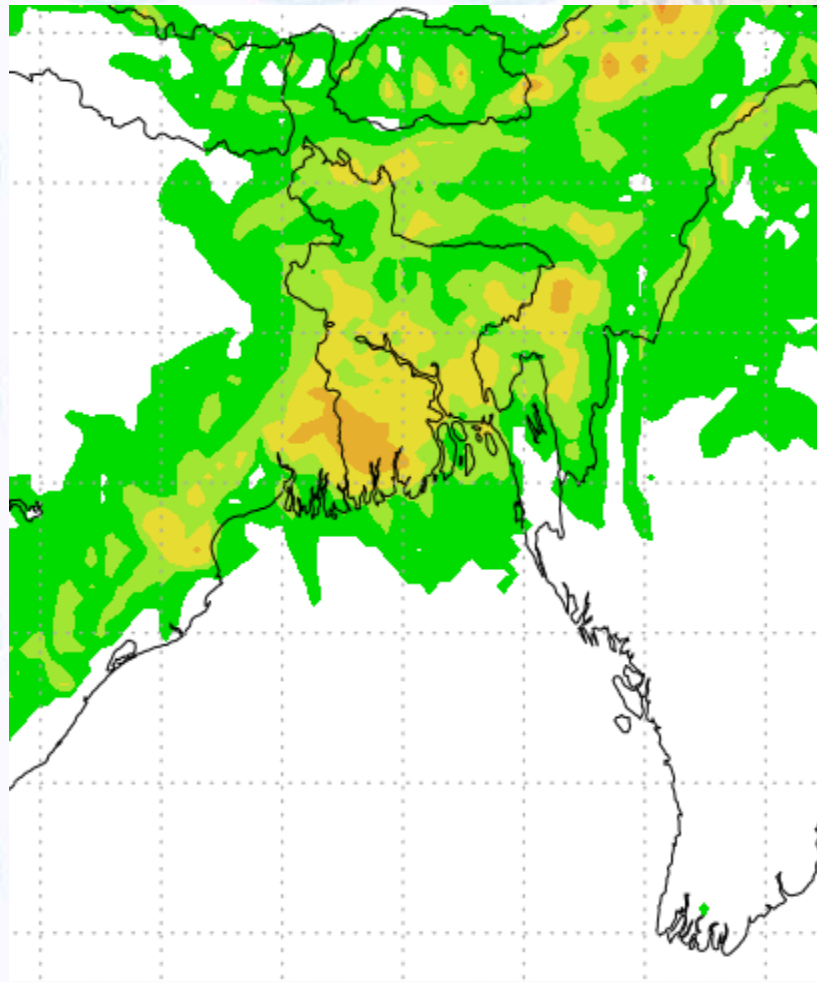


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

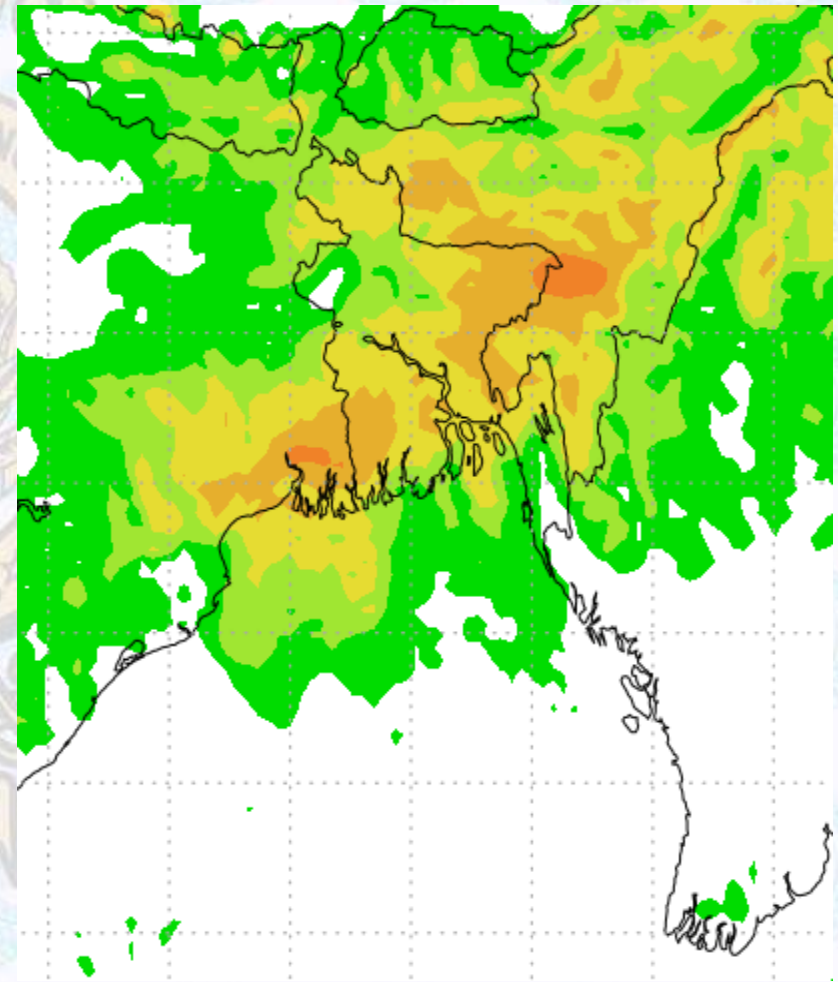


Precipitation

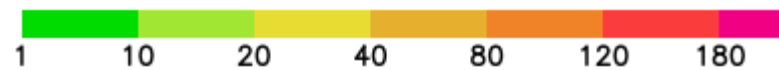
Rain(mm) 27 & 28 Apr 2020



Rain(mm) 28 & 29 Apr 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	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
28 Apr 2020	Time	Height		Time	Height		Time	Height
	0331	4.08		0120	2.85		0106	2.26
	0954	0.74		0744	0.63		0716	0.77
	1549	4.36		1348	3.06		1330	2.80
	2231	0.96		2016	0.75		1959	1.03
29 Apr 2020	Time	Height		Time	Height		Time	Height
	0420	3.87		0203	2.68		0147	2.45
	1038	0.98		0822	0.79		0755	0.93
	1645	4.17		1434	2.90		1418	2.71
	2326	1.15		2102	0.89		2052	1.17