



WEATHER FORECAST FOR BN

15 - 18 - FEB 2020





WEATHER FORECAST – DHAKA

15.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	28 / 15	23 / 16	21 / 16
Wind	10 km/h W	11 km/h W	5 km/h WNW	3 km/h NNE
Humidity	50%	45%	65%	76%
Chance of Precip	1%	1%	2%	4%
Cloud Cover	3%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 33 AM 5: 54 PM			

Conditions

Pressure : 1013 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

15.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 18	24 / 19	21 / 19	20 / 19
Wind	14 km/h SW	14 km/h SW	7 km/h SSW	3 km/h S
Humidity	64%	70%	85%	93%
Chance of Precip.	1%	2%	7%	8%
Cloud Cover	2%	1%	1%	19%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 26 AM 5: 50 PM			

Conditions

Pressure : 1014 hpa

Visibility : 3.54 Km

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



WEATHER FORECAST – KHULNA

15.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 15	28 / 14	22 / 15	20 / 17
Wind	9 km/h WNW	10 km/h WNW	4 km/h WNW	1 km/h NE
Humidity	44%	41%	63%	81%
Chance of Precip.	1%	1%	1%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 36 AM 6: 00 PM			

Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	16 Feb 2020	17 Feb 2020	18 Feb 2020
Temperature (C)	29°C/ 17°C	30°C/ 17°C	30°C/ 17°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h31m24s/17h54m00s	6h30m54s/17h54m36s	6h30m12s/17h55m06s
Day Length	11h22m36s	11h23m42s	11h24m54s
Moon Rise/ Set	12:18AM 11:41AM	1:18AM 12:27PM	2:17AM 1:17PM
Moon Phase/ illu	Last Quarter, 44%	Waning Crescent, 33%	Waning Crescent, 23%
NauticalTwilight	0541,1843	0541,1844	0540,1844
Civil Twilight	0608,1817	0607,1817	0606,1818
Humidity	D : 64% N : 70%	D : 54% N : 71%	D : 55% N : 72%
Barometer (mb)	1013	1015	1014
Visibility	Good	Good	Good
Precip Chance	10%	1%	10%
Wind (mph)	9 Km/h SW	10 Km/h WNW	11 Km/h WSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	16 Feb 2020	17 Feb 2020	18 Feb 2020
Temperature (C)	28°C/ 16°C	29°C/ 16°C	29°C/ 16°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h24m06s/17h49m48s	6h23m36s/17h50m18s	6h23m00s/17h50m42s
Day Length	11h25m42s	11h26m42s	11h27m42s
Moon Rise/ Set	12:10AM 11:38AM	1:10AM 12:24PM	2:08AM 1:14PM
Moon Phase/ illu	Last Quarter, 44%	Waning Crescent, 33%	Waning Crescent, 23%
NauticalTwilight	0534, 1838	0534, 1839	0533, 1839
Civil Twilight	0601,1812	0600,1813	0600,1813
Humidity	D : 71% N : 86%	D : 59% N : 83%	D : 60% N : 87%
Barometer (mb)	1014	1015	1015
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	13 km/h W	13 km/h NW	12 km/h WNW

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



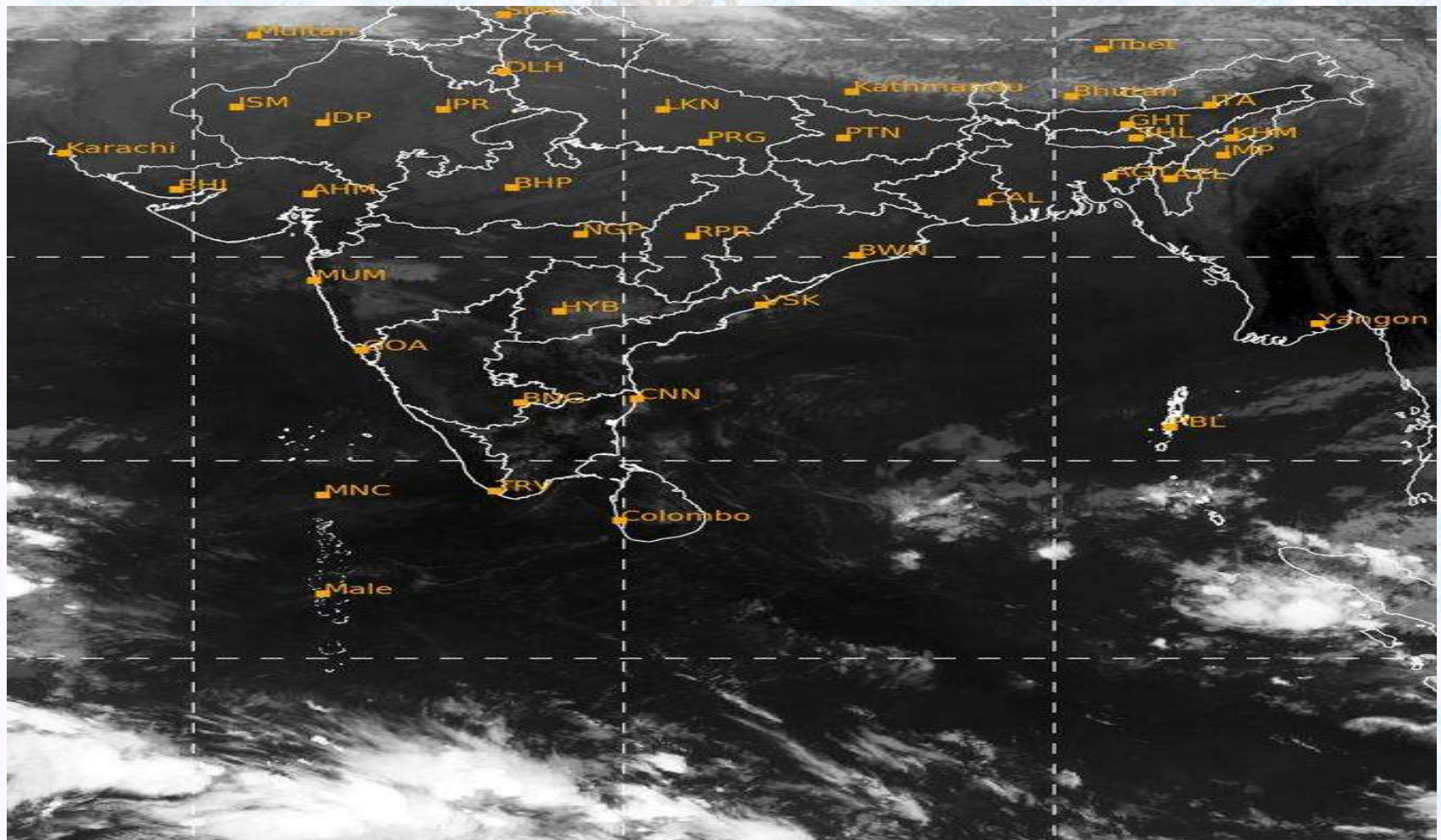
GENERAL WEATHER FORECAST – KHULNA

Description	16 Feb 2020	17 Feb 2020	18 Feb 2020
Temperature(C)	29°C/ 15°C	29°C/ 15°C	30°C/ 16°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h33m48s/17h58m30s	6h33m12s/17h58m54s	6h32m42s/17h59m24s
Day Length	11h24m42s	11h25m42s	11h26m42s
Moon Rise/Set	12:20AM 11:47AM	1:21AM 12:34PM	2:19AM 1:24PM
Moon Phase/illu	Last Quarter, 44%	Waning Crescent, 33%	Waning Crescent, 23%
Nautical Twilight	0544, 1847	0543, 1848	0543, 1848
Civil Twilight	0610,1821	0610,1821	0609.,1822
Humidity	D : 61% N : 73%	D : 54% N : 73%	D : 56% N : 74%
Barometer (mb)	1013	1015	1014
Visibility	Good	Good	Good
Precip Chance	0%	1%	10%
Wind (mph)	10 km/h NW	9 km/h NW	11 km/h W

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



SATELLITE VIEW OF BAY OF BENGAL

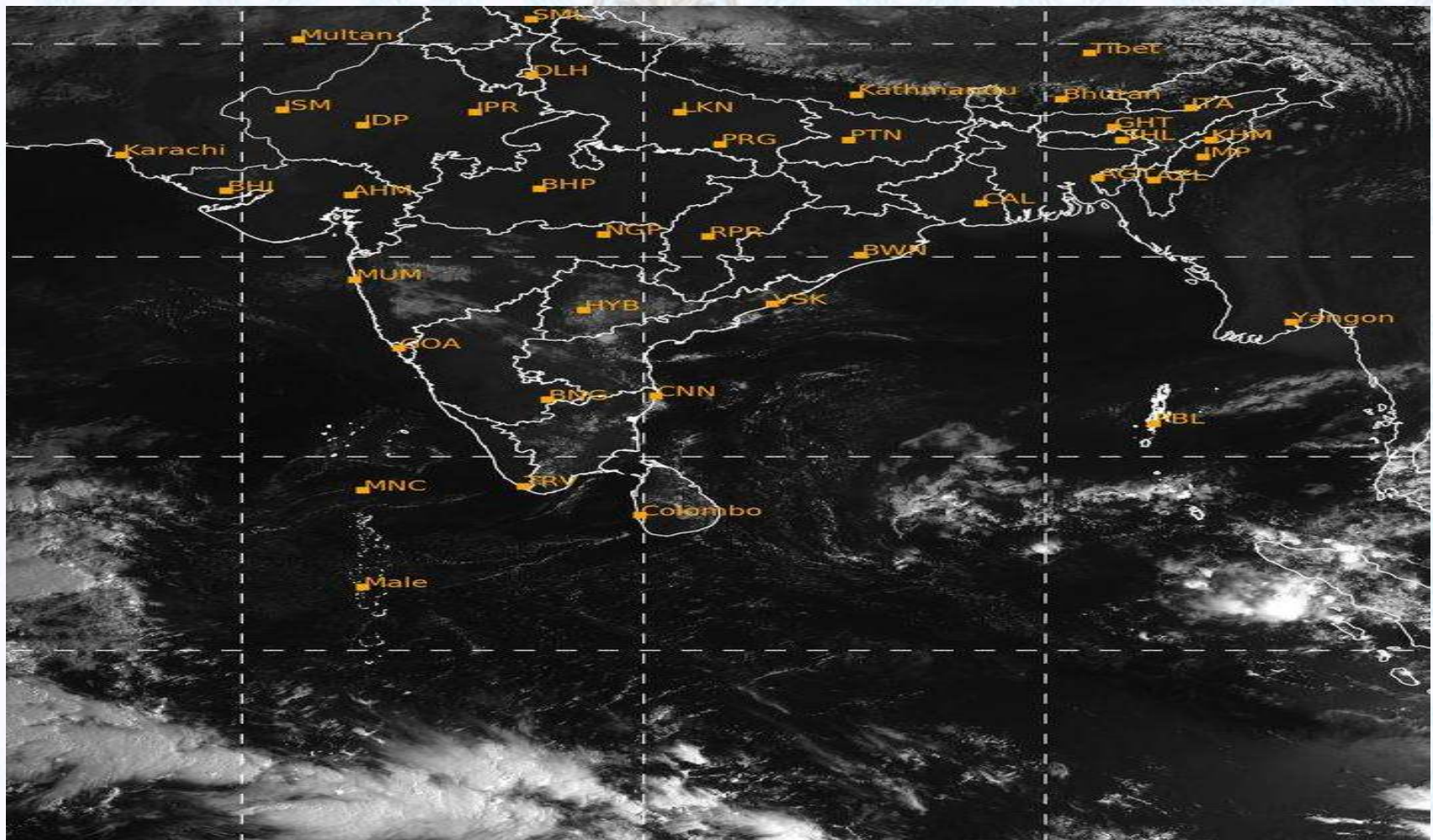


15/02/2020, 09:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



15/02/2020, 09:00 MATSAT-VIS

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 15.02.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY SKY OVER AREA C-90.
	Wind	WEST/NORTH-WESTERLY, 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =15,0000 UTC. CHATTOGRAM =1014 HPA



Inland River Port Warning (VALID TILL 06 PM OF 15.02.2020)

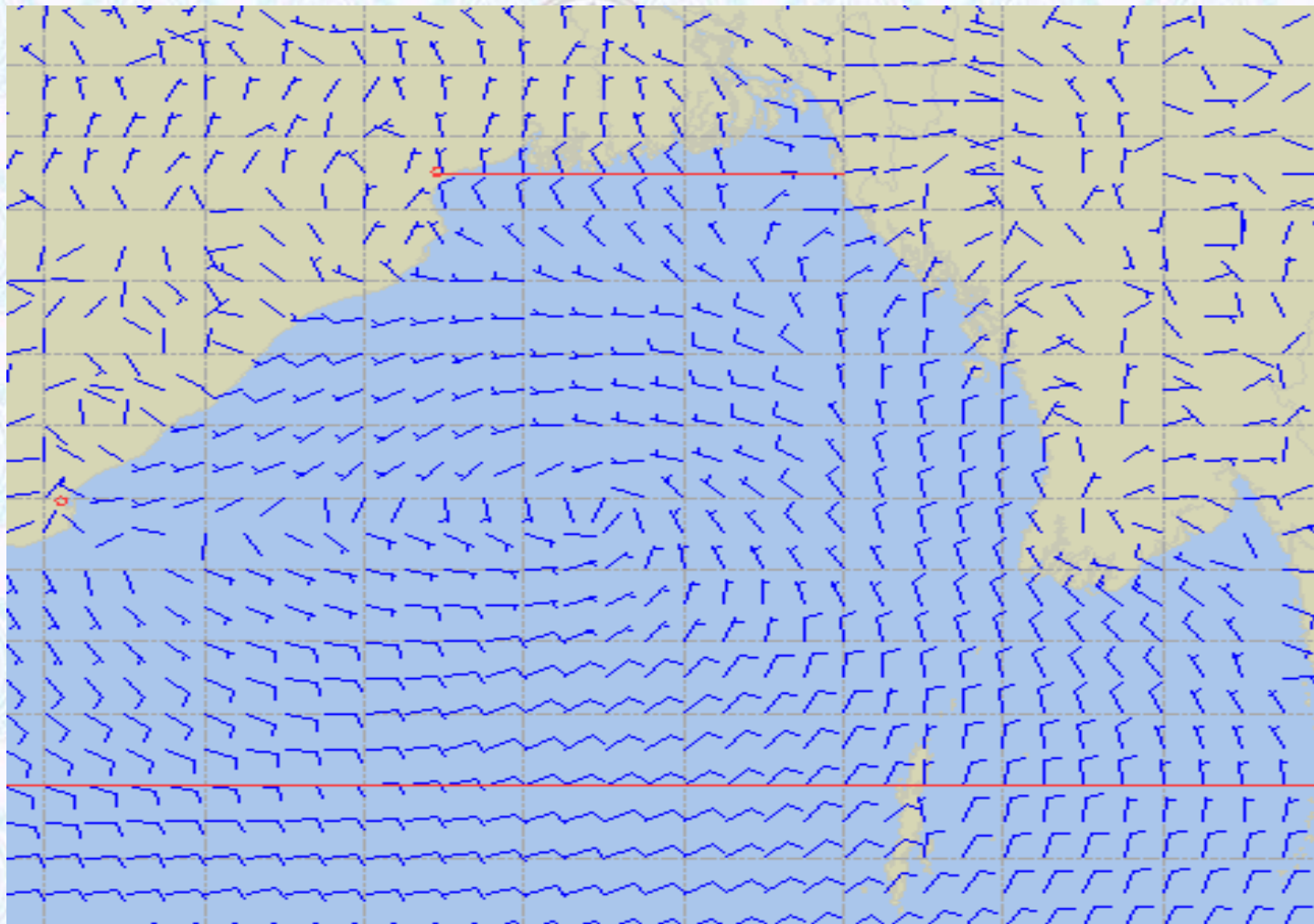
THERE IS NO INLAND RIVERPORTS WARNING & NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 16 Feb - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



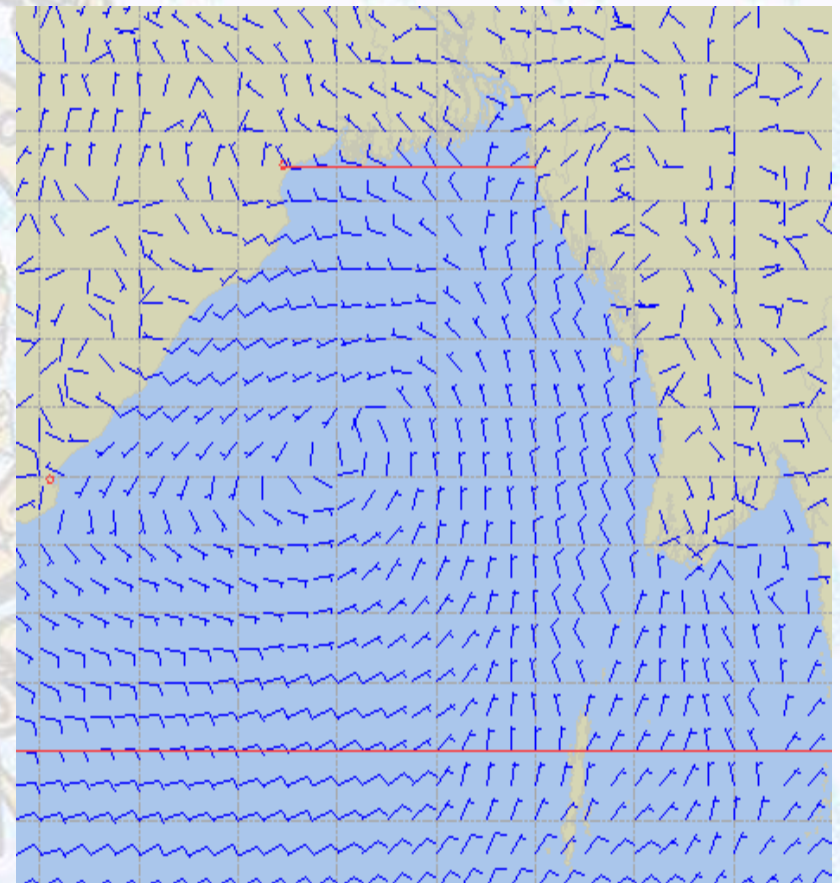
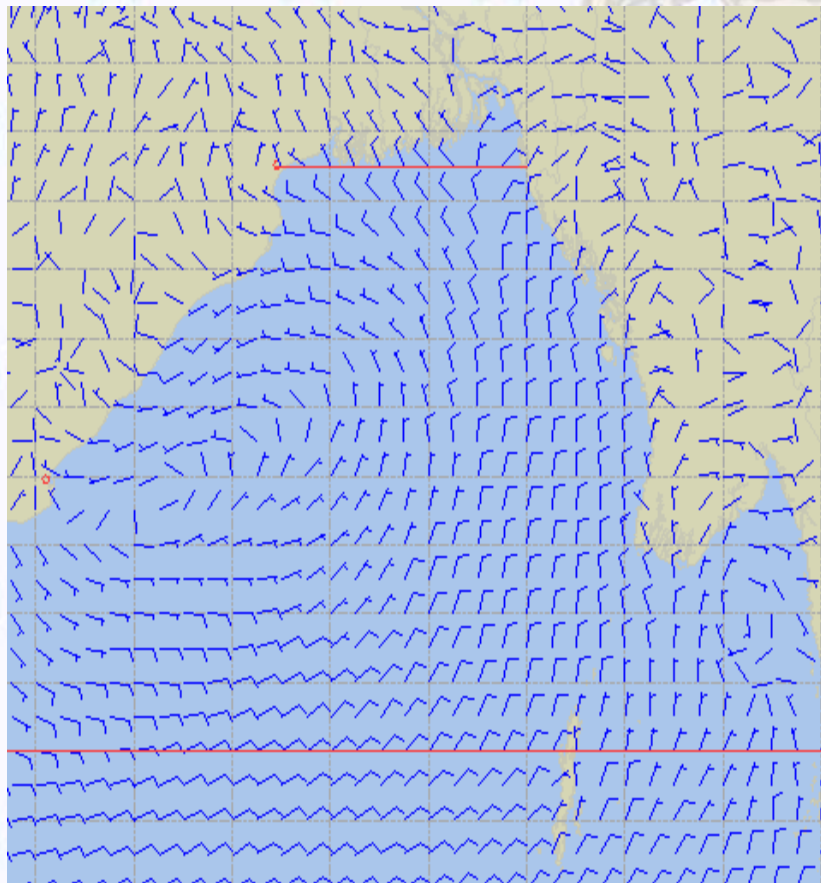
60 Knots



Surface Wind Forecast – 17 & 18 Feb - 2020

17 Feb 2020 Monday

18 Feb 2020 Tuesday



Legend:



**Calm
Winds**



5 Knots



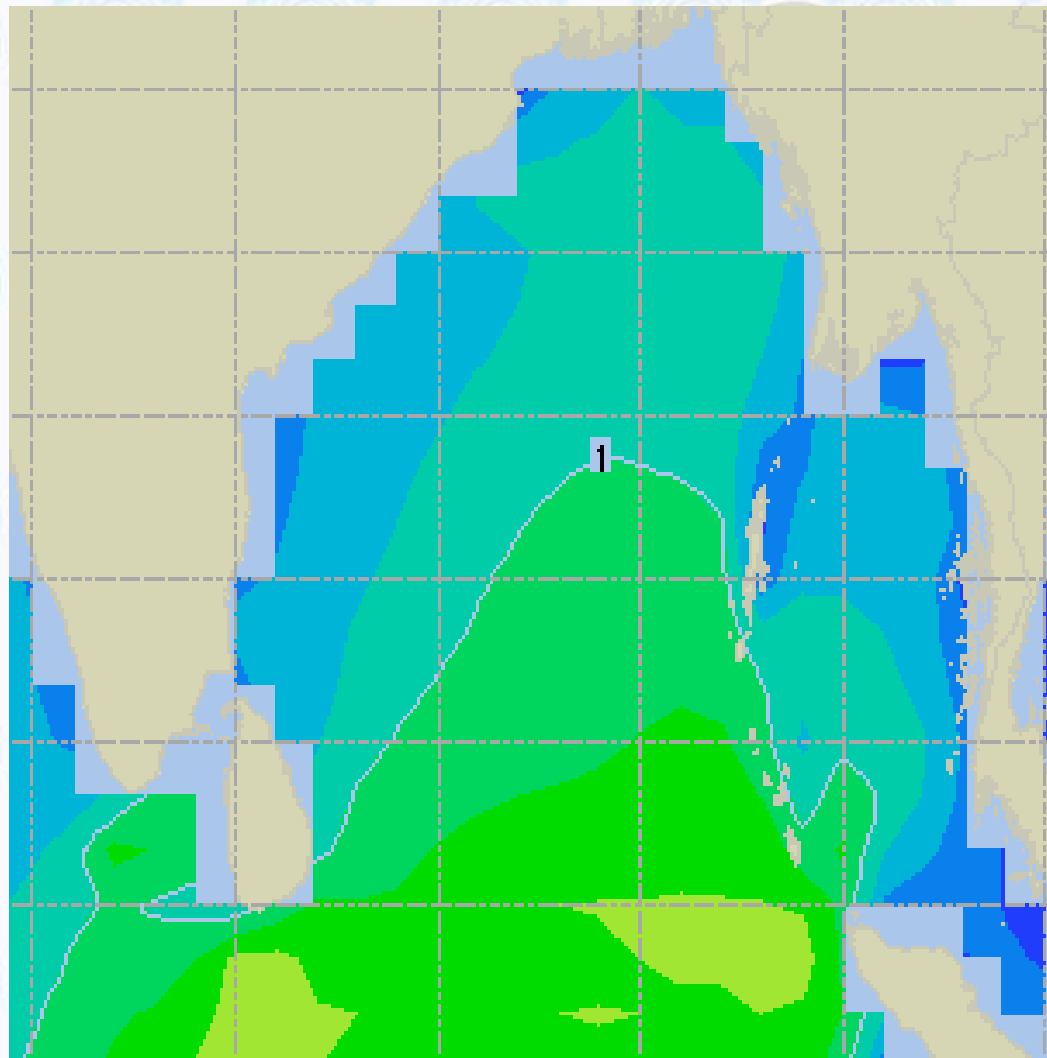
10 Knots



60 Knots



Sea State Forecast - 16 Feb - 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

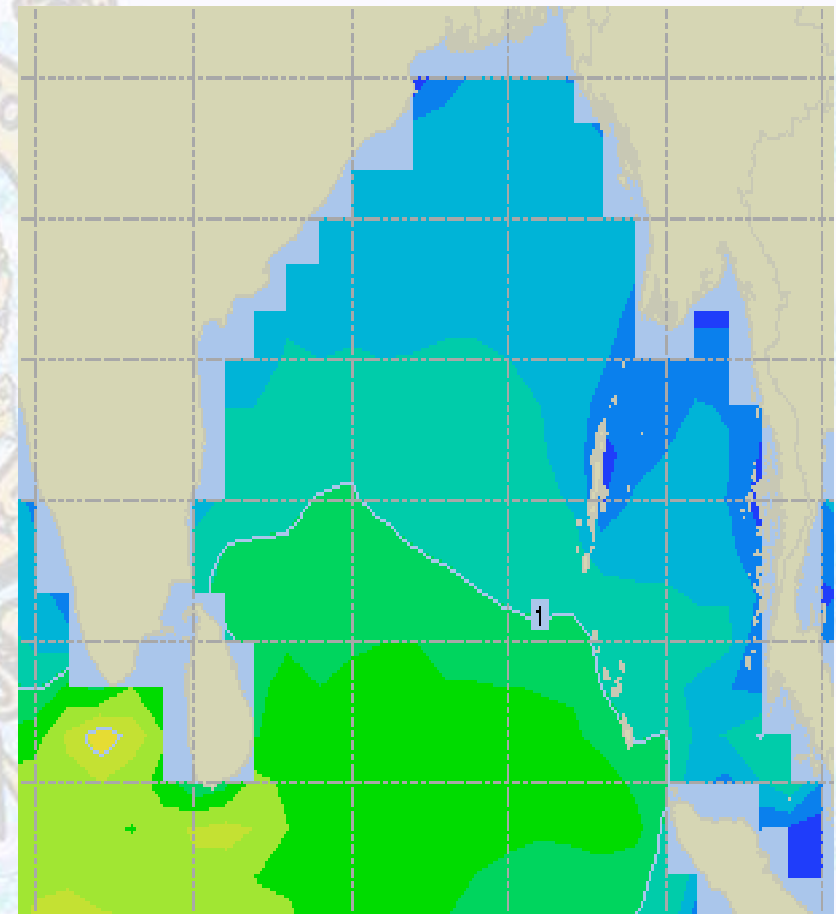
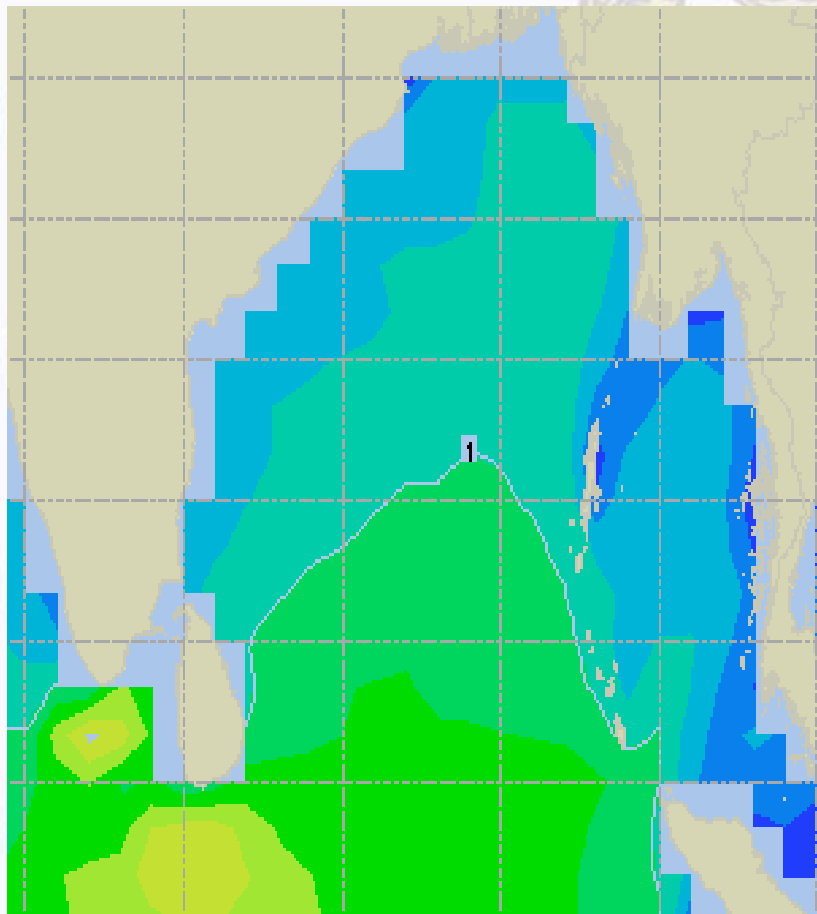




Sea State Forecast - 17 & 18 Feb - 2020

17 Feb 2020 Monday

18 Feb 2020 Tuesday

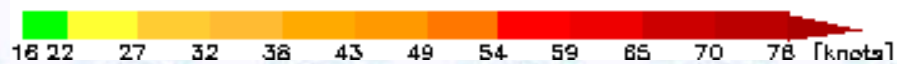
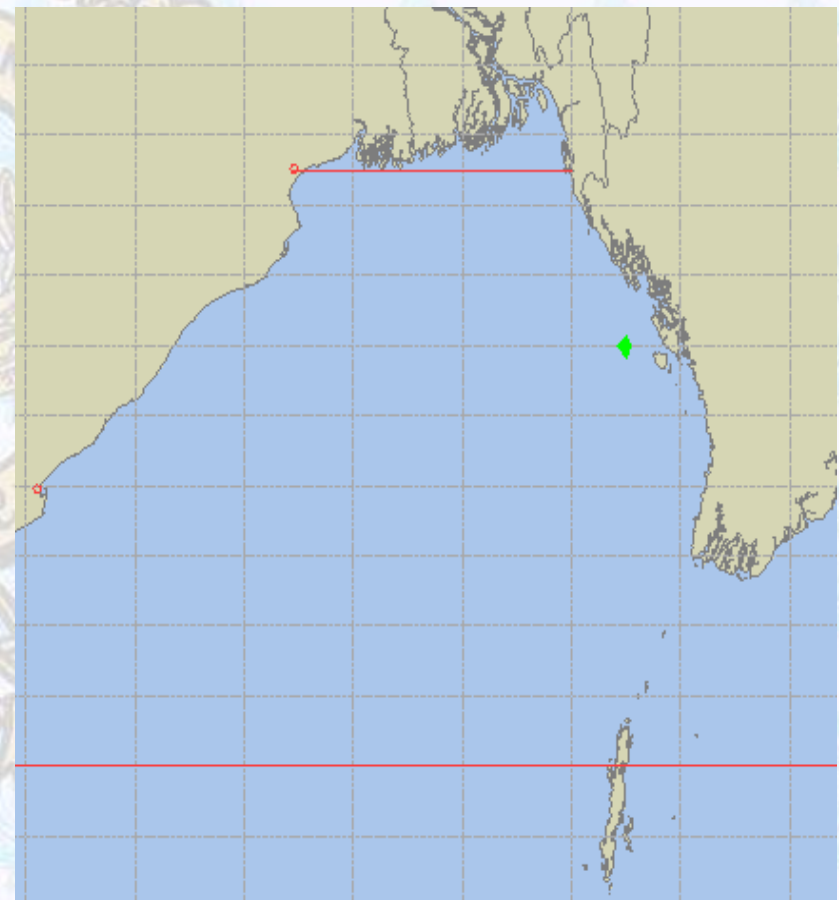
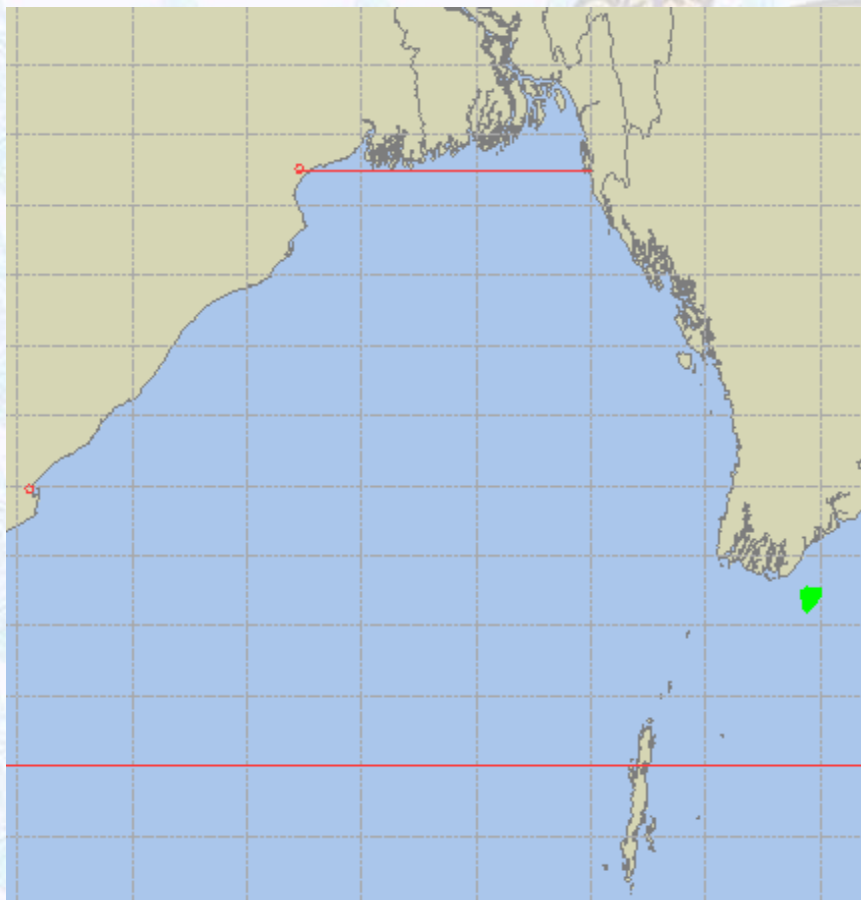




Peak Gusting Possibilities – 16 & 17 Feb - 2020

16 Feb 2020 Sunday

17 Feb 2020 Monday

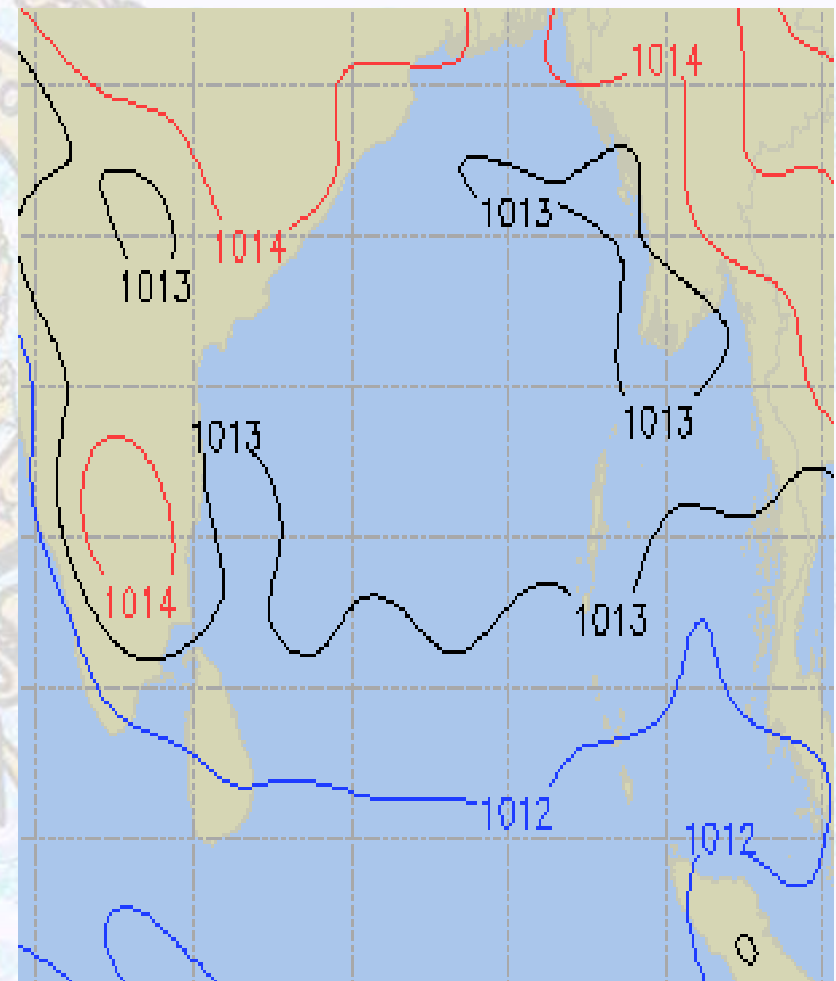
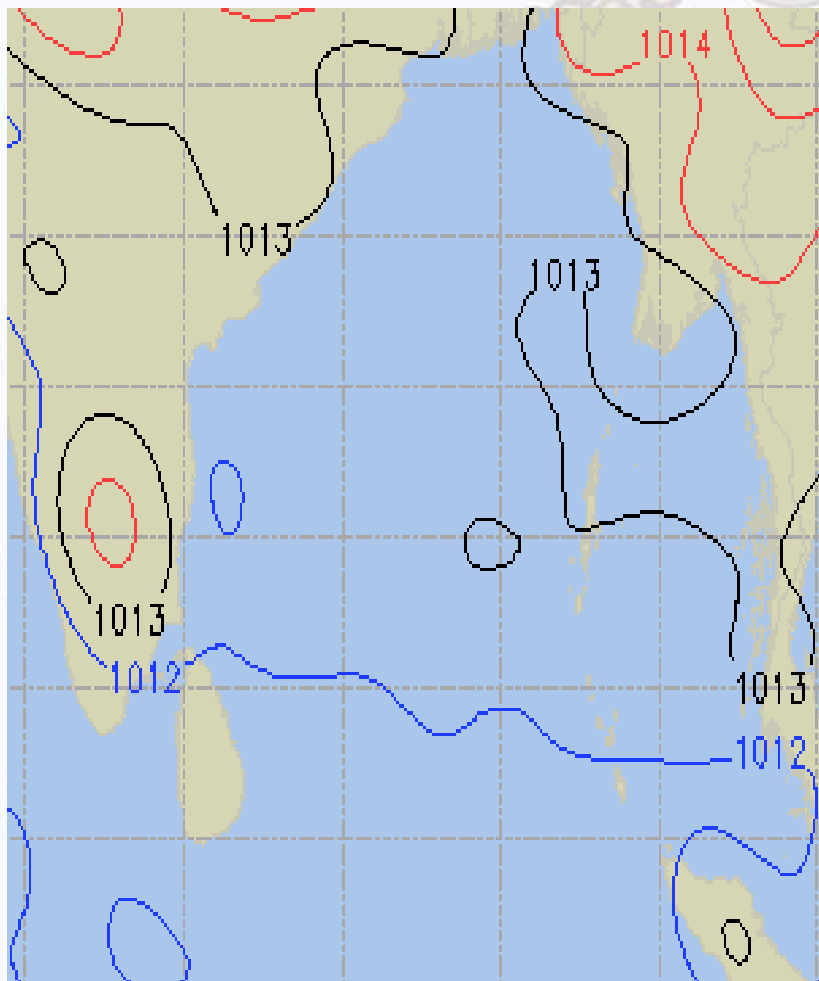




Surface Pressure forecast – 16 & 17 Feb - 2020

16 Feb 2020 Sunday

17 Feb 2020 Monday

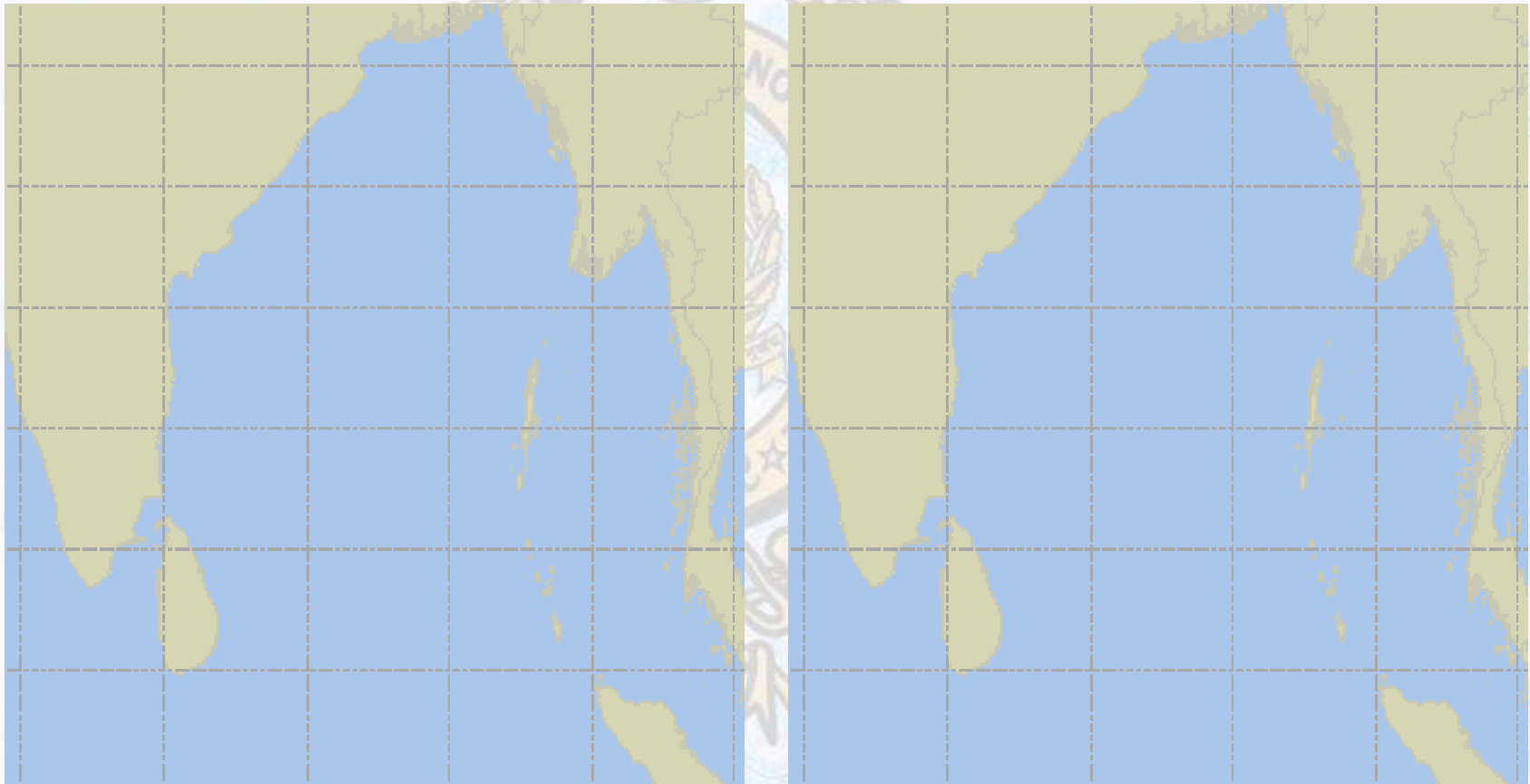




Visibility at Sea Forecast – 16 & 17 Feb - 2020

16 Feb 2020 Sunday

17 Feb 2020 Monday



Visibility Scale:



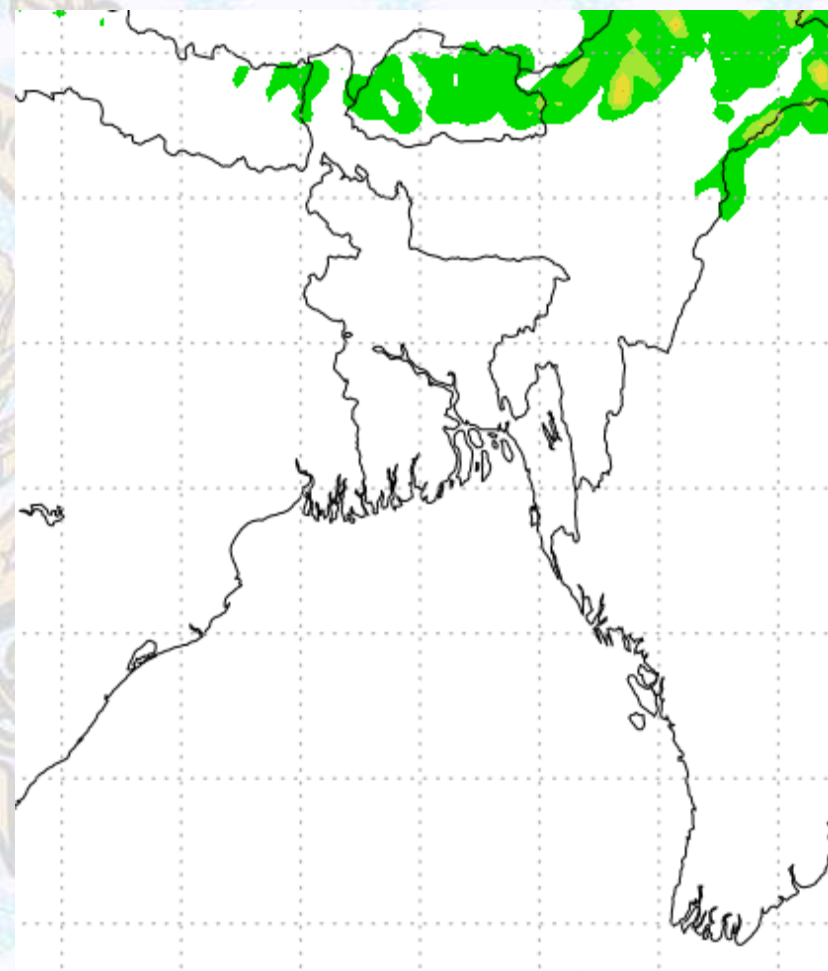
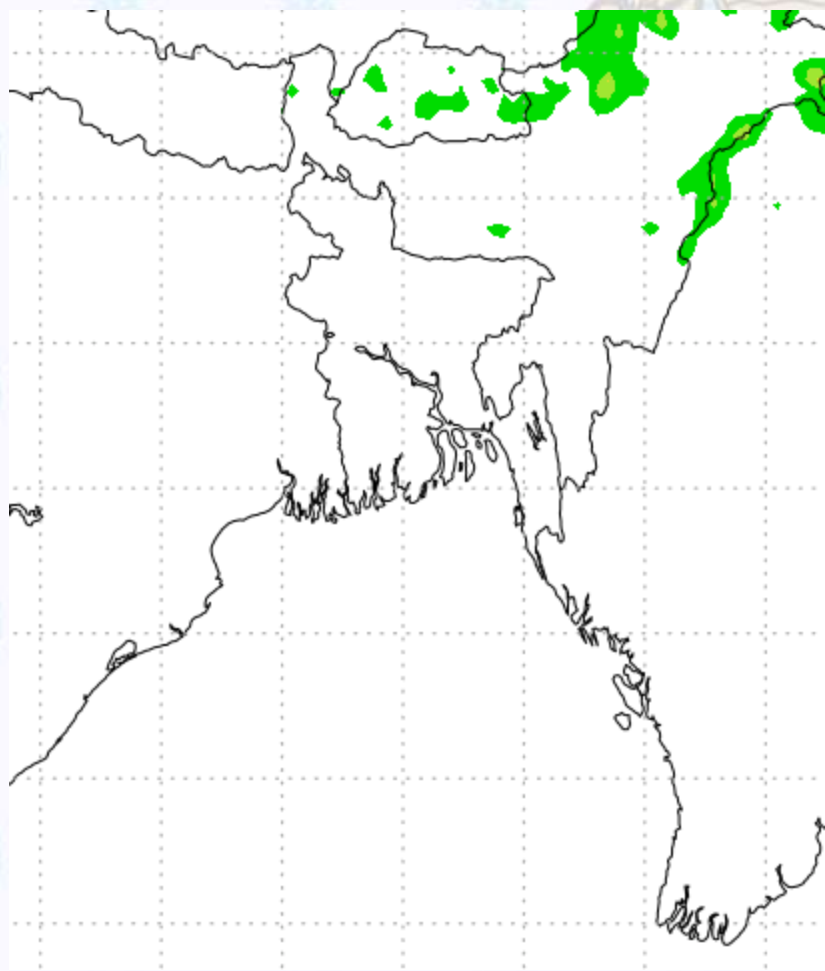
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 16 & 17 Feb 20

Rain(mm) 17 & 18 Feb 20



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

16Feb 2020	Time	Height		Time	Height		Time	Height
	0025	0.84		0331	2.59		0325	2.23
	0620	3.43		1006	0.57		0953	0.75
	1250	0.77		1608	2.49		1623	2.29
	1912	3.63		2241	0.73		2247	1.08
17Feb 2020	Time	Height		Time	Height		Time	Height
	0147	1.01		0435	2.30		0439	1.99
	0749	3.14		1114	0.73		1111	0.94
	1409	0.98		1725	2.35		1759	2.20
	2039	3.53		-	-		-	-
18Feb 2020	Time	Height		Time	Height		Time	Height
	0319	1.00		0005	0.85		0037	1.15
	0929	3.06		0556	2.12		0638	1.89
	1533	1.04		1239	0.79		1249	0.99
	2200	3.58		1853	2.35		1937	2.26