



WEATHER FORECAST FOR BN

16 - 19 - FEB 2020





WEATHER FORECAST – DHAKA

16.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 17	27 / 15	22 / 15	20 / 15
Wind	10 km/h W	10 km/h WNW	4 km/h NW	3 km/h NW
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: 32 AM 5: 55 PM			

Conditions

Pressure : 1014 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

16.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 18	24 / 18	22 / 17	20 / 17
Wind	8 km/h W	9 km/h W	7 km/h W	4 km/h NW
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: 25 AM 5: 50 PM			

Conditions

Pressure : 1014 hpa

Visibility : 8.54 Km

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



WEATHER FORECAST – KHULNA

16.02.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 14	28 / 13	22 / 15	20 / 16
Wind	9 km/h W	10 km/h W	4 km/h SW	2 km/h SW
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: 35 AM 6: 00 PM			

Conditions

Pressure : 1015 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	17 Feb 2020	18 Feb 2020	19 Feb 2020
Temperature (C)	29°C/ 17°C	30°C/ 17°C	30°C/ 17°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h30m54s/17h54m36s	6h30m12s/17h55m06s	6h29m24s/17h55m42s
Day Length	11h23m42s	11h24m54s	11h26m18s
Moon Rise/ Set	1:18AM 12:27PM	2:17AM 1:17PM	3:14AM 2:09PM
Moon Phase/ illu	Waning Crescent, 33%	Waning Crescent, 23%	Waning Crescent, 15%
NauticalTwilight	0541,1844	0540,1844	0540,1845
Civil Twilight	0607,1817	0606,1818	0605,1818
Humidity	D : 59% N : 71%	D : 57% N : 72%	D : 56% N : 72%
Barometer (mb)	1015	1014	1014
Visibility	Moderate	Moderate	Moderate
Precip Chance	10%	10%	10%
Wind (mph)	10 Km/h WNW	10 Km/h W	9 Km/h SSW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	17 Feb 2020	18 Feb 2020	19 Feb 2020
Temperature (C)	27°C/ 16°C	27°C/ 16°C	27°C/ 17°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h23m36s/17h50m18s	6h23m00s/17h50m42s	6h22m12s/17h51m18s
Day Length	11h26m42s	11h27m42s	11h29m06s
Moon Rise/ Set	1:10AM 12:24PM	2:08AM 1:14PM	3:14AM 2:09PM
Moon Phase/ illu	Waning Crescent, 33%	Waning Crescent, 23%	Waning Crescent, 15%
Nautical Twilight	0534, 1839	0533, 1839	0534, 1839
Civil Twilight	0600,1813	0600,1813	0600,1814
Humidity	D : 65% N : 81%	D : 63% N : 87%	D : 69% N : 89%
Barometer (mb)	1015	1015	1015
Visibility	Moderate	Moderate	Moderate
Precip Chance	10%	10%	10%
Wind (mph)	14 km/h NW	13 km/h WNW	14 km/h WSW

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



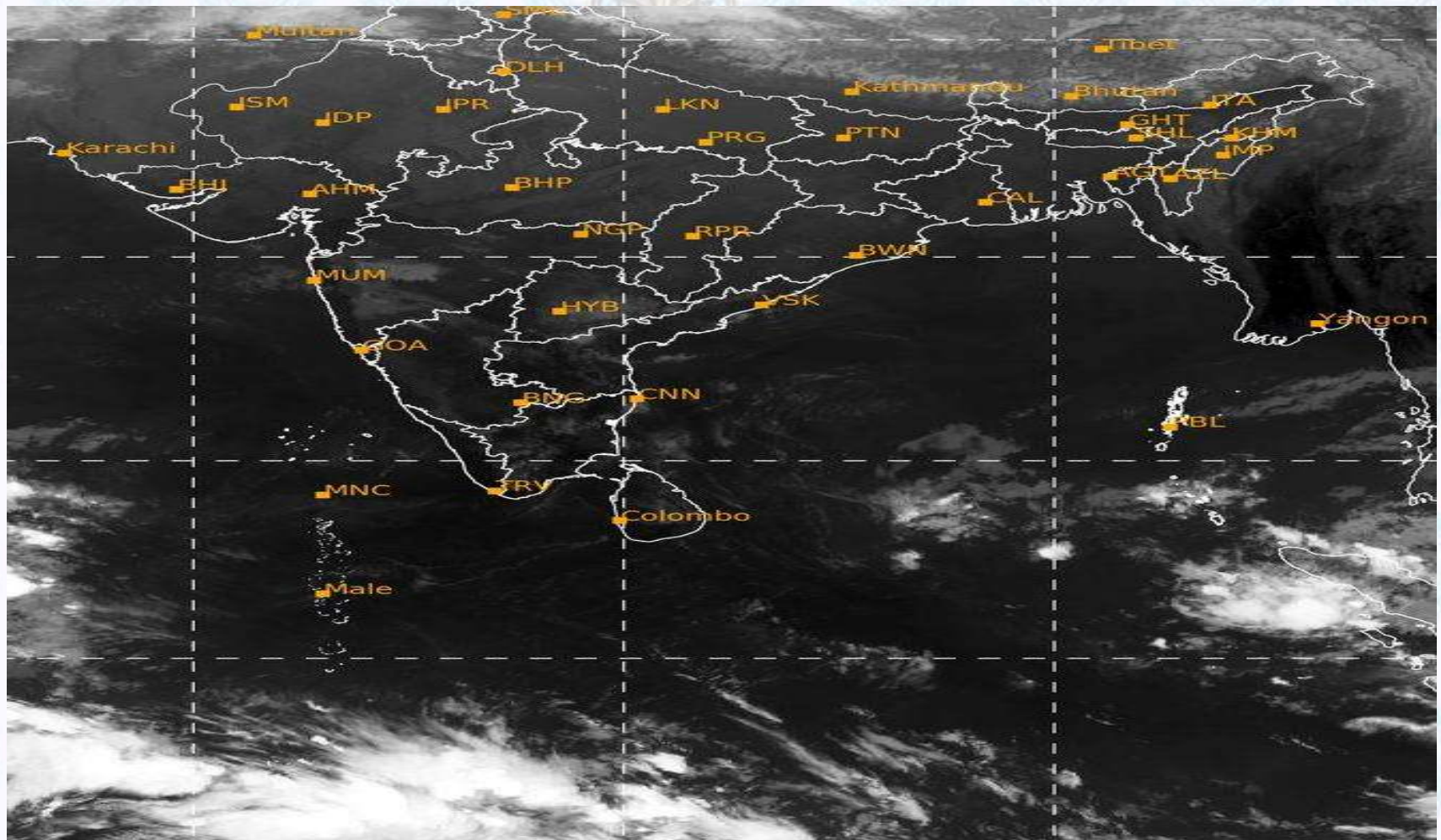
GENERAL WEATHER FORECAST – KHULNA

Description	17 Feb 2020	18 Feb 2020	19 Feb 2020
Temperature(C)	30°C/ 16°C	30°C/ 16°C	30°C/ 17°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h33m12s/17h58m54s	6h32m42s/17h59m24s	6h31m54s/18h00m00s
Day Length	11h25m42s	11h26m42s	11h28m06s
Moon Rise/Set	1:21AM 12:34PM	2:19AM 1:24PM	3:14AM 2:09PM
Moon Phase/illu	Waning Crescent, 33%	Waning Crescent, 23%	Waning Crescent, 15%
Nautical Twilight	0543, 1848	0543, 1848	0543, 1848
Civil Twilight	0610,1821	0609.,1822	0609.,1822
Humidity	D : 55% N : 73%	D : 56% N : 74%	D : 57% N : 74%
Barometer (mb)	1015	1014	1014
Visibility	Good	Good	Good
Precip Chance	1%	10%	10%
Wind (mph)	9 km/h WNW	10 km/h WNW	9 km/h SW

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



SATELLITE VIEW OF BAY OF BENGAL

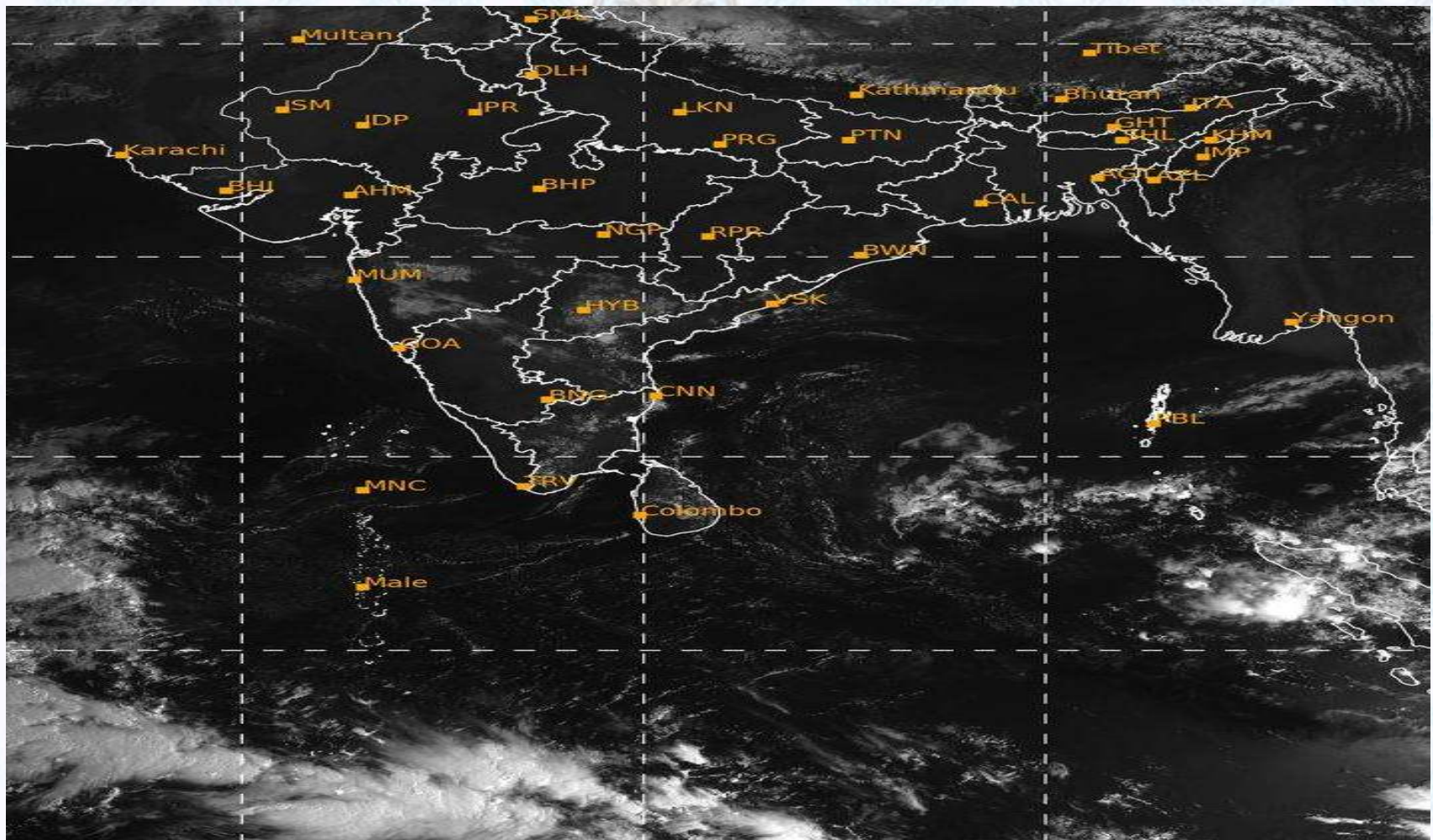


16/02/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



16/02/2020, 11:00 MATSAT-VIS

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 16.02.2020)

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 =16,0000 UTC. CHATTOGRAM =1014 HPA



Inland River Port Warning (VALID TILL 06 PM OF 16.02.2020)

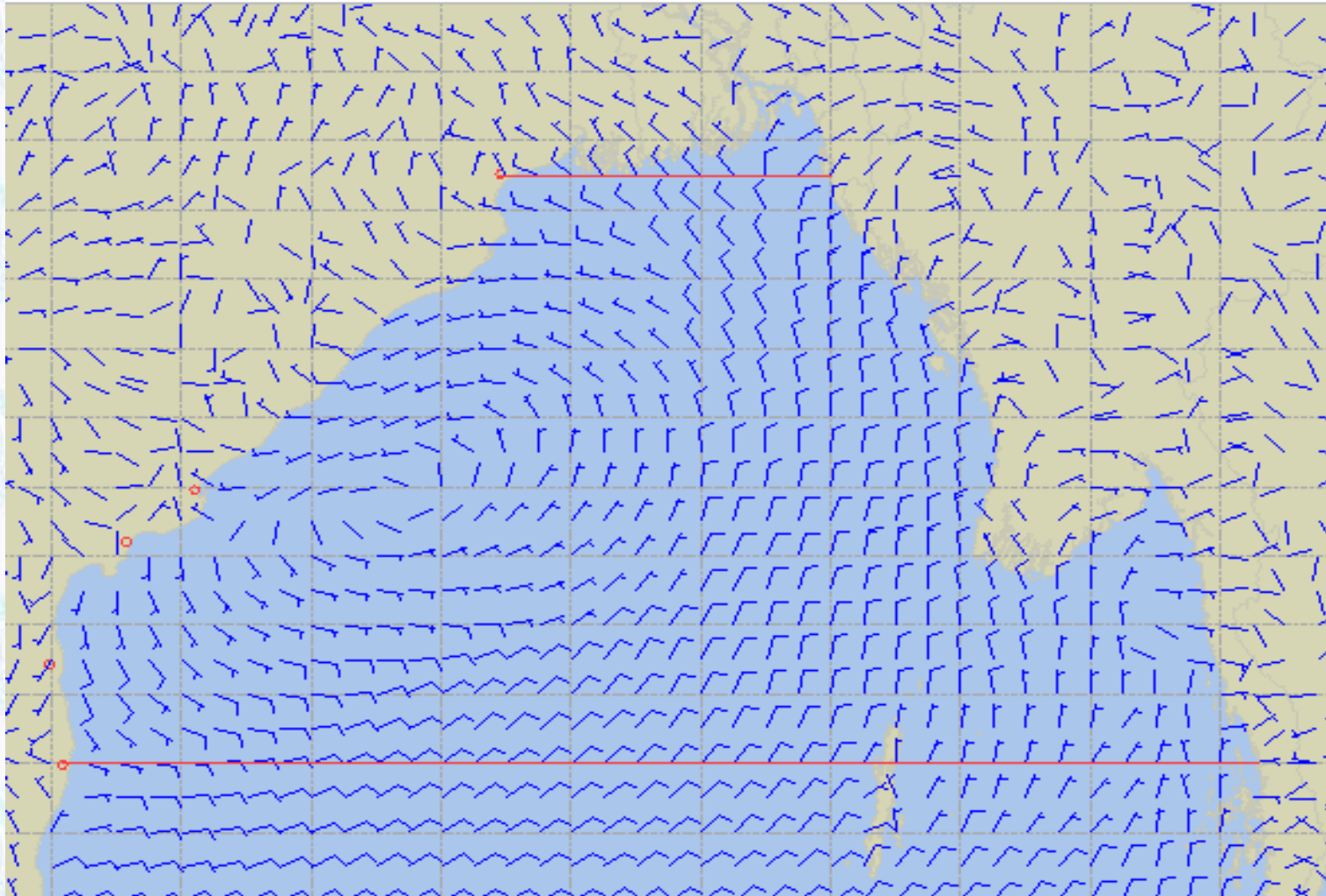
THERE IS NO INLAND RIVERPORTS WARNING & NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 17 Feb - 2020



Legend:



Calm Winds



5 Knots



10 Knots



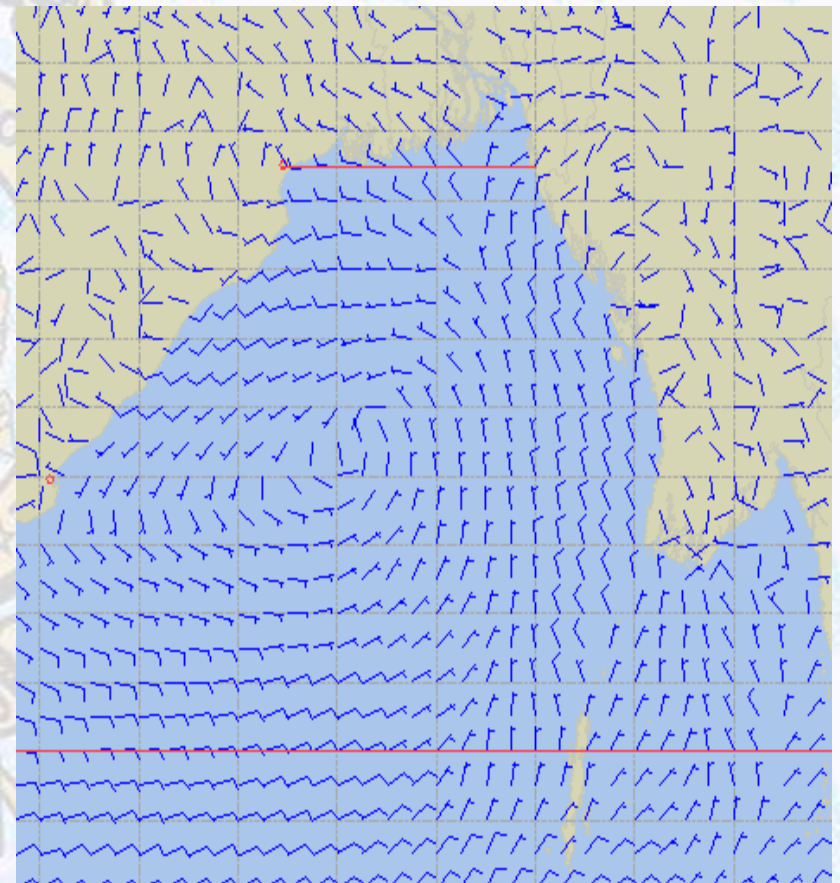
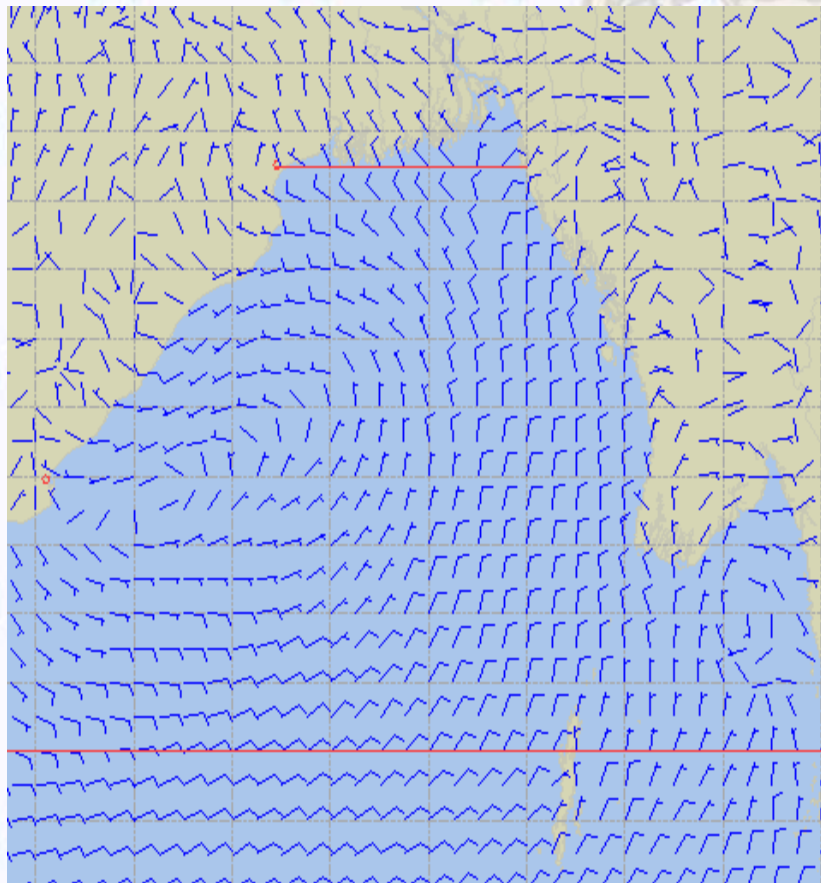
60 Knots



Surface Wind Forecast – 18 & 19 Feb - 2020

18 Feb 2020 Tuesday

19 Feb 2020 Wednesday



Legend:



**Calm
Winds**



5 Knots



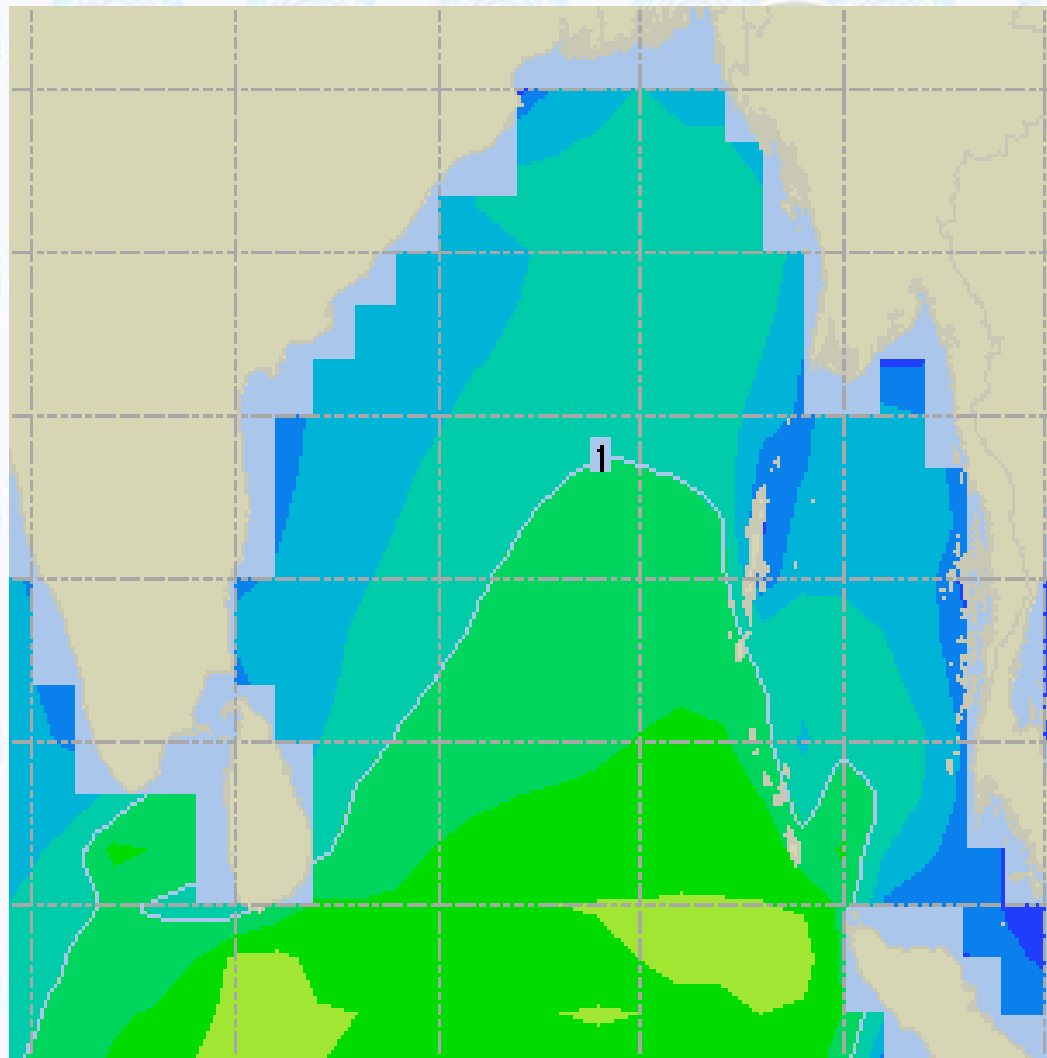
10 Knots



60 Knots



Sea State Forecast - 17 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

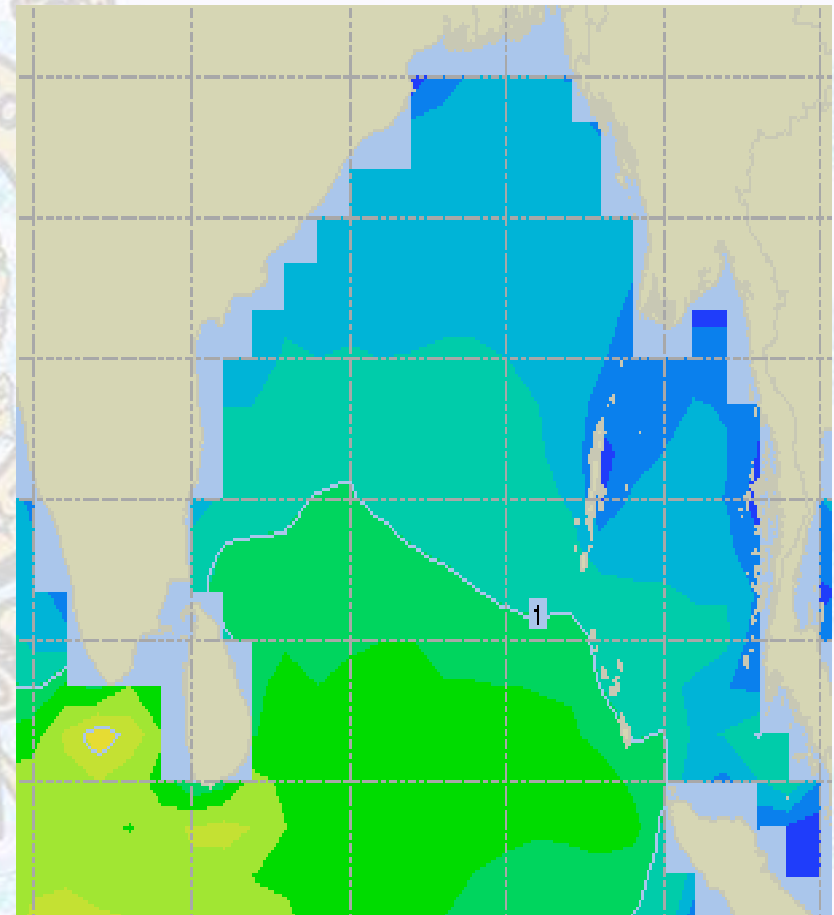
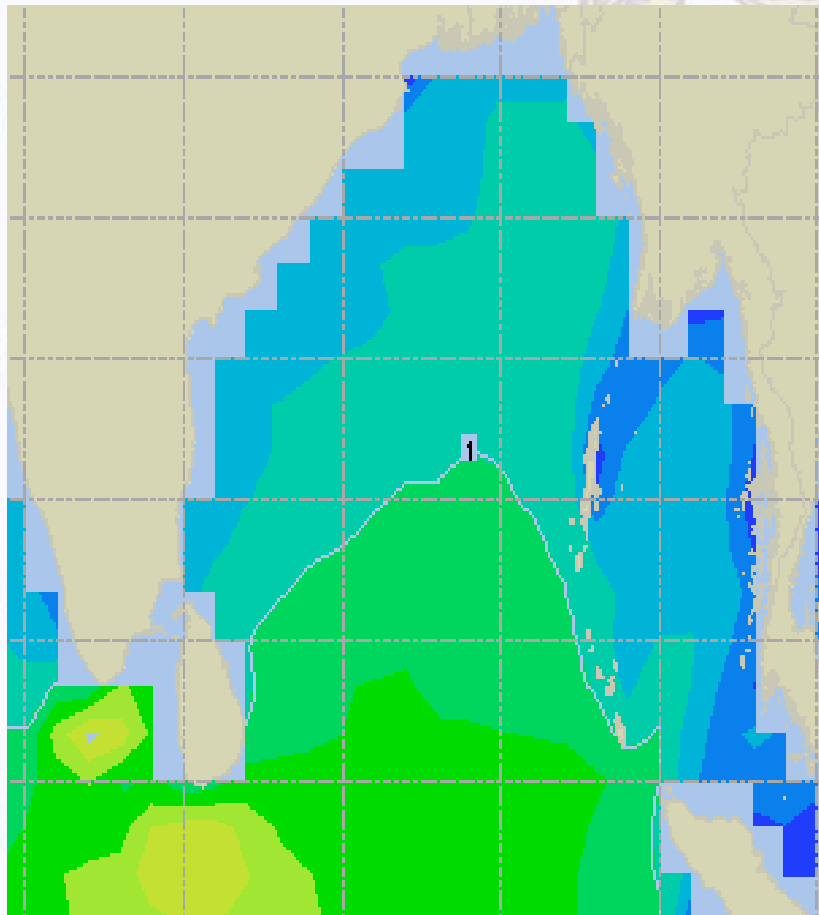




Sea State Forecast - 18 & 19 Feb - 2020

18 Feb 2020 Tuesday

19 Feb 2020 Wednesday

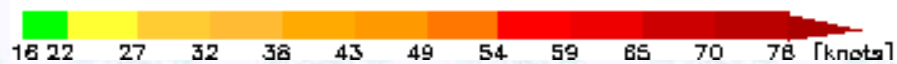
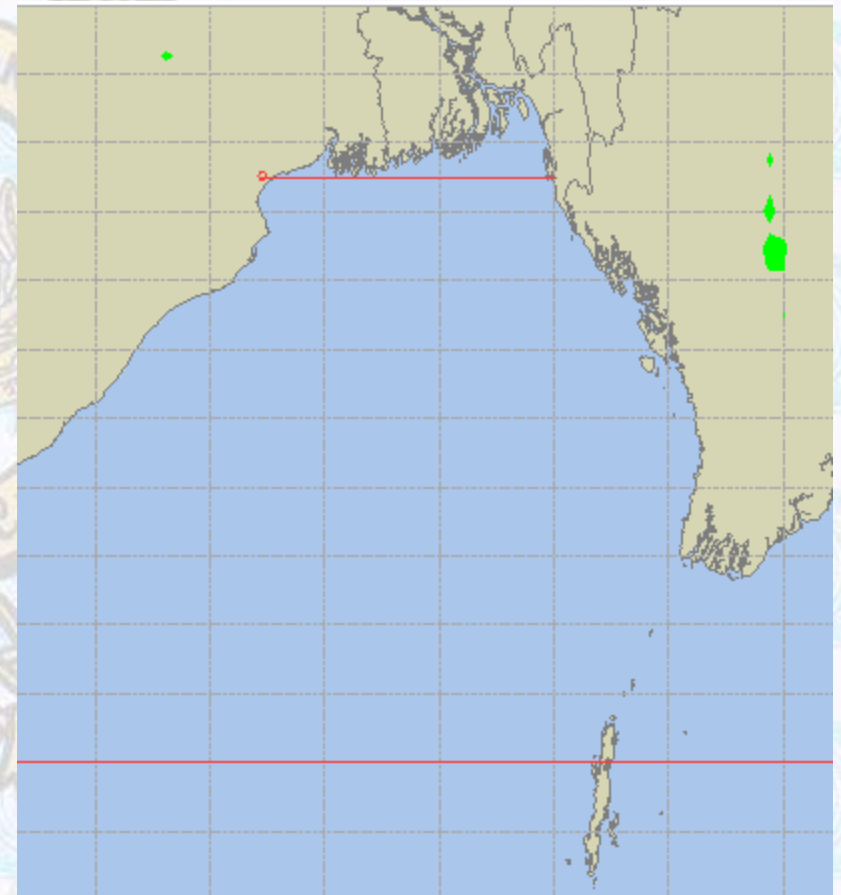
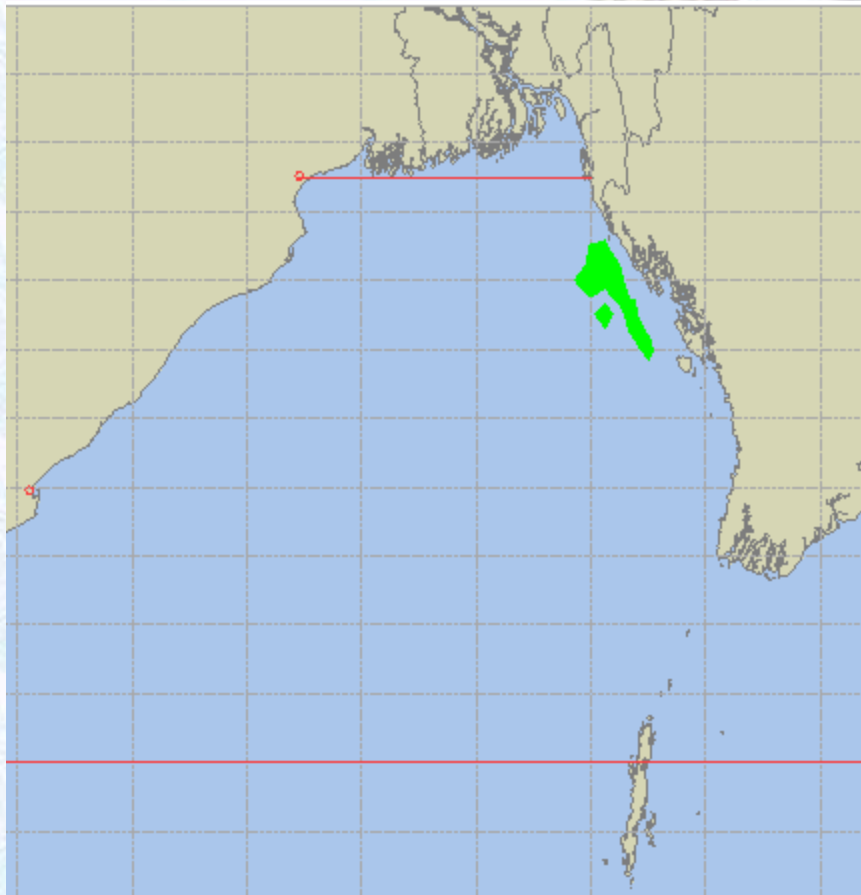




Peak Gusting Possibilities – 17 & 18 Feb - 2020

17 Feb 2020 Monday

18 Feb 2020 Tuesday

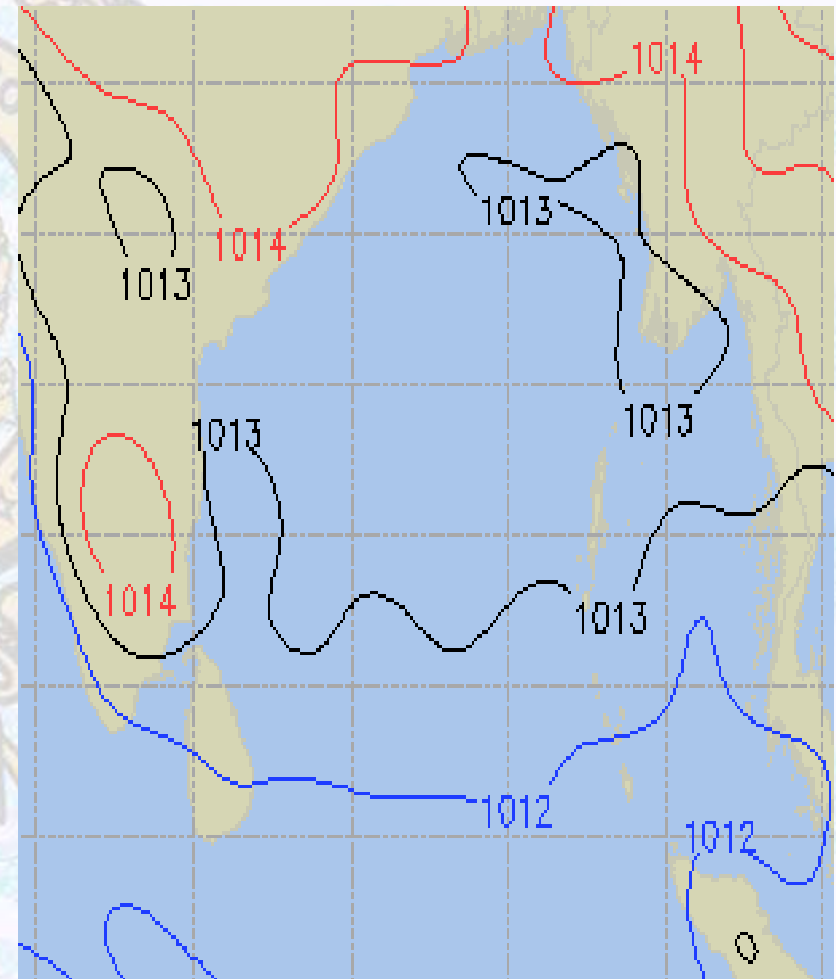
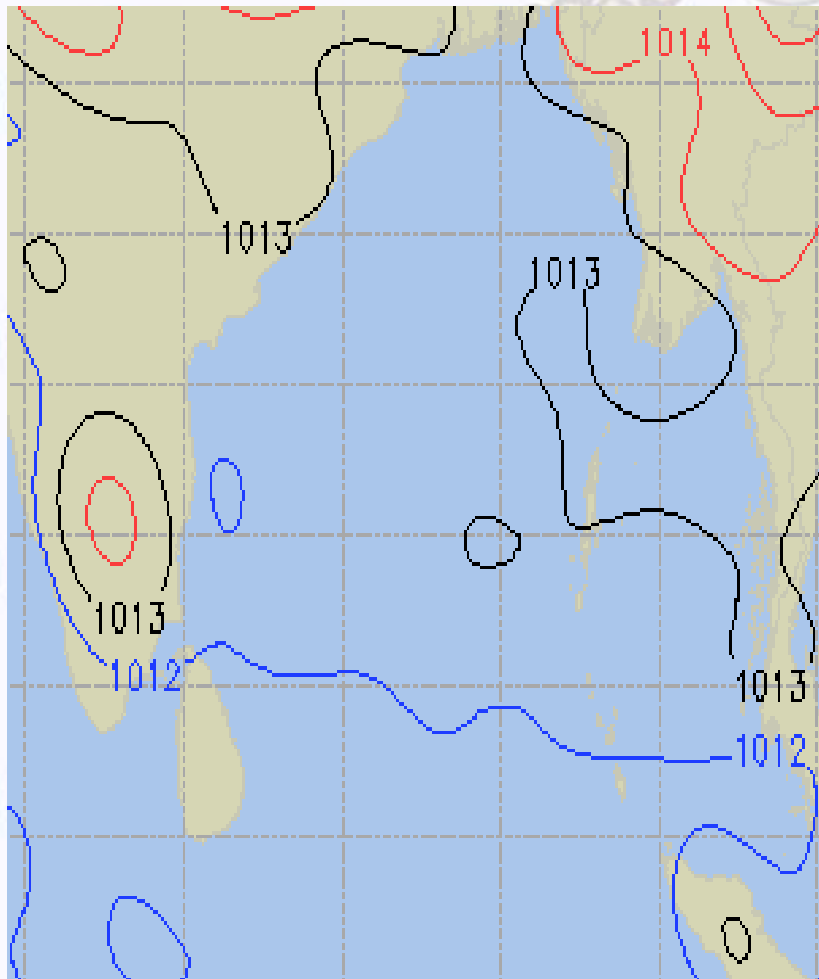




Surface Pressure forecast – 17 & 18 Feb - 2020

17 Feb 2020 Monday

18 Feb 2020 Tuesday

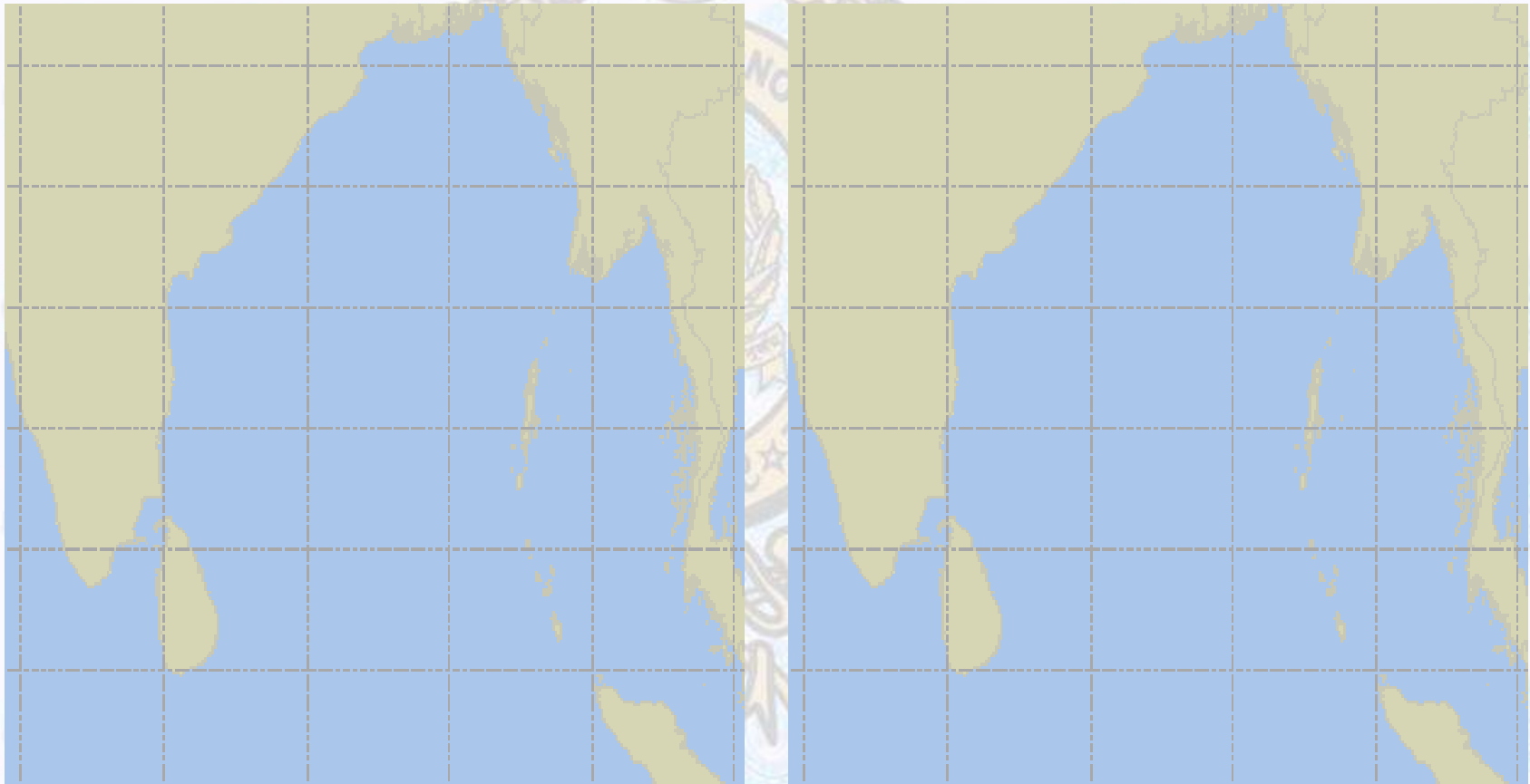




Visibility at Sea Forecast – 17 & 18 Feb - 2020

17 Feb 2020 Monday

18 Feb 2020 Tuesday



Visibility Scale:



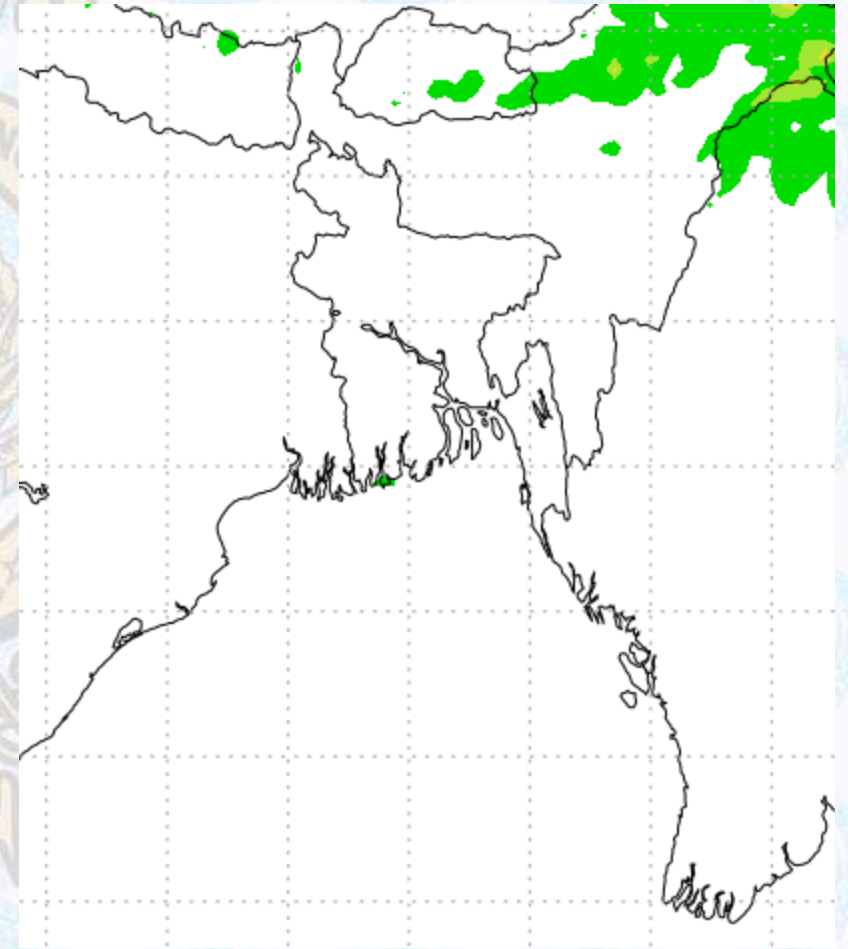
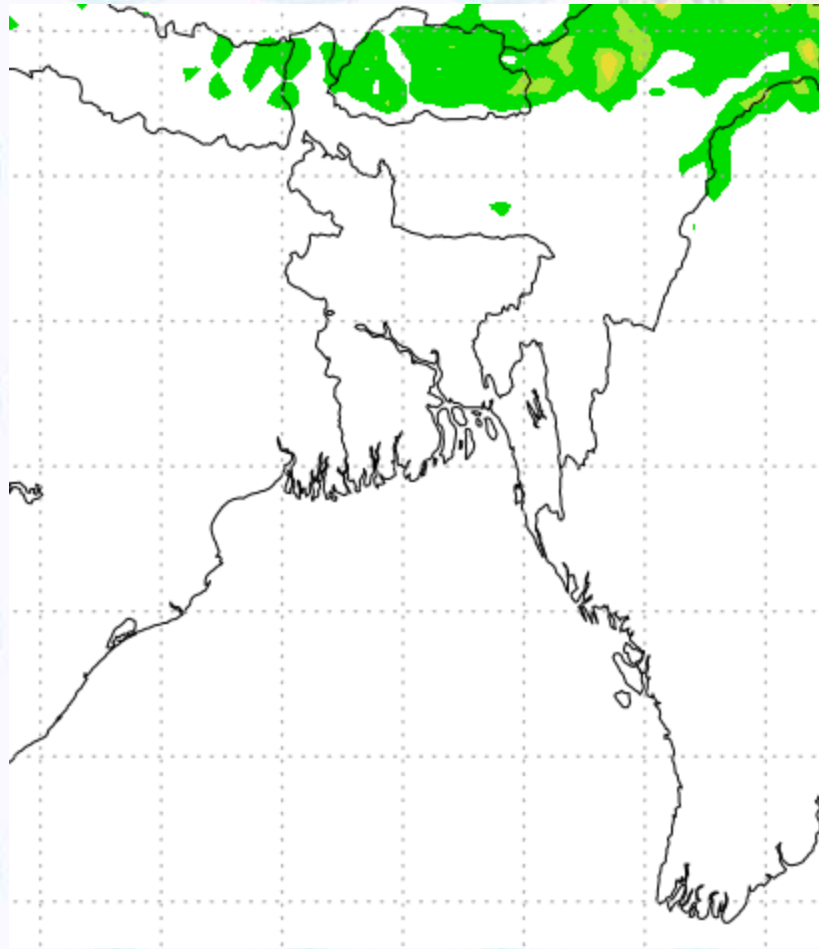
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 17 & 18 Feb 20

Rain(mm) 18 & 19 Feb 20



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
17Feb 2020	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
19Feb 2020	Time	Height		Time	Height		Time	Height
	0439	0.85		0139	0.83		0212	1.04
	1049	3.18		0729	2.12		0816	1.98
	1648	0.96		1401	0.73		1412	0.91
	2304	3.71		2007	2.50		2045	2.41