



WEATHER FORECAST FOR BN

16 - 19 JAN 2020





WEATHERFORECAST – DHAKA

16.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 17	25 / 16	20 / 16	18 / 15
Wind	9 km/h NNW	8 km/h N	8 km/h NNE	3 km/h NE
Humidity	59%	59%	77%	80%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	28%	6%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 44 AM 5: 34 PM			

Conditions

Pressure : 1016 hpa

Visibility : 3.22 km

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



WEATHER FORECAST – CHATTOGRAM

16.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 16	25 / 17	21 / 17	19 / 16
Wind	13 km/h NW	9 km/h NW	6 km/h N	6 km/h NNE
Humidity	57%	63%	77%	85%
Chance of Precip.	1%	1%	4%	5%
Cloud Cover	21%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 35 AM 5: 30 PM			

Conditions

Pressure : 1016 hpa

Visibility : 4.02 Km

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



WEATHER FORECAST – KHULNA

16.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 16	26 / 16	20 / 16	18 / 16
Wind	6 km/h N	5 km/h NNE	4 km/h E	4 km/h E
Humidity	55%	55%	78%	90%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	4%	5%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 46 AM 5: 40 PM			

Conditions

Pressure : 1015 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	17 Jan 2020	18 Jan 2020	19 Jan 2020
Temperature (C)	27° C/ 15° C	27° C/ 16° C	26° C/ 17° C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h43m18s/17h33m42s	6h43m12s/17h34m30s	6h43m06s/17h35m12s
Day Length	10h50m24s	10h51m18s	10h52m06s
Moon Rise/ Set	-----	12:23AM 12:17PM	1:23AM 12:58PM
Moon Phase/ illu	Last Quarter, 99%	Waning Crescent, 39%	Waning Crescent, 28%
NauticalTwilight	0550,1825	0550,1826	0550,1827
Civil Twilight	0618,1758	0618,1858	0618,1859
Humidity	D : 69% N : 81%	D : 70% N : 80%	D : 71% N : 79%
Barometer (mb)	1014	1015	1014
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	6 km/h NE	7 km/h N	10 km/h NNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 Jan 2020	18 Jan 2020	19 Jan 2020
Temperature (C)	27 °C/ 15 °C	27 °C/ 15 °C	26 °C/ 16 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h34m48s/17h30m36s	6h34m48s/17h31m24s	6h34m42s/17h32m06s
Day Length	10h55m48s	10h56m36s	10h57m24s
Moon Rise/ Set	-----	12:16AM 12:12PM	1:16AM 12:54PM
Moon Phase/ illu	Last Quarter, 99%	Waning Crescent, 39%	Waning Crescent, 28%
Nautical Twilight	0543, 1822	0543, 1822	0543, 1826
Civil Twilight	0610.,1754	0610.,1755	0610.,1756
Humidity	D : 72% N : 85%	D : 70% N : 84%	D : 70% N : 86%
Barometer (mb)	1015	1014	1016
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	8 km/h N	10 km/h N	9 km/h NNW

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



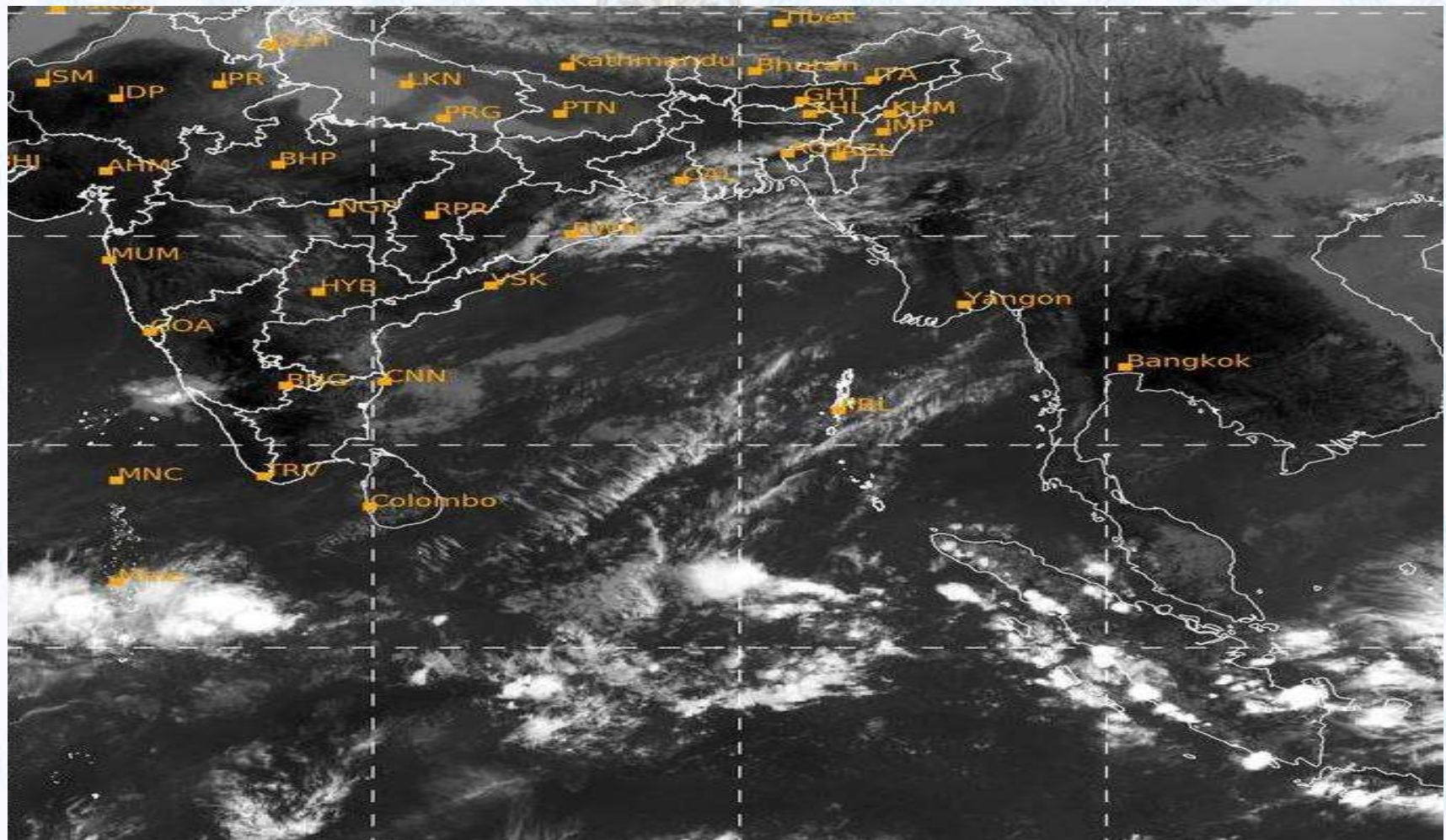
GENERAL WEATHER FORECAST – KHULNA

Description	17 Jan 2020	18 Jan 2020	19 Jan 2020
Temperature(C)	27 °C/ 14 °C	27 °C/ 15 °C	26 °C/ 16 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h44m54s/17h38m54s	6h44m48s/17h39m42s	6h44m42s/17h40m24s
Day Length	10h54m00s	10h54m54s	10h55m42s
Moon Rise/Set	-----	12:27AM 12:22PM	1:26AM 1:04PM
Moon Phase/illu	Last Quarter, 99%	Waning Crescent, 39%	Waning Crescent, 28%
Nautical Twilight	0552, 1830	0553, 1831	0553, 1831
Civil Twilight	0620.,1803	0620.,1803	0620.,1804
Humidity	D : 69% N : 83%	D : 71% N : 83%	D : 71% N : 82%
Barometer (mb)	1016	1014	1015
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	6 km/h ENE	6 km/h NNW	9 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

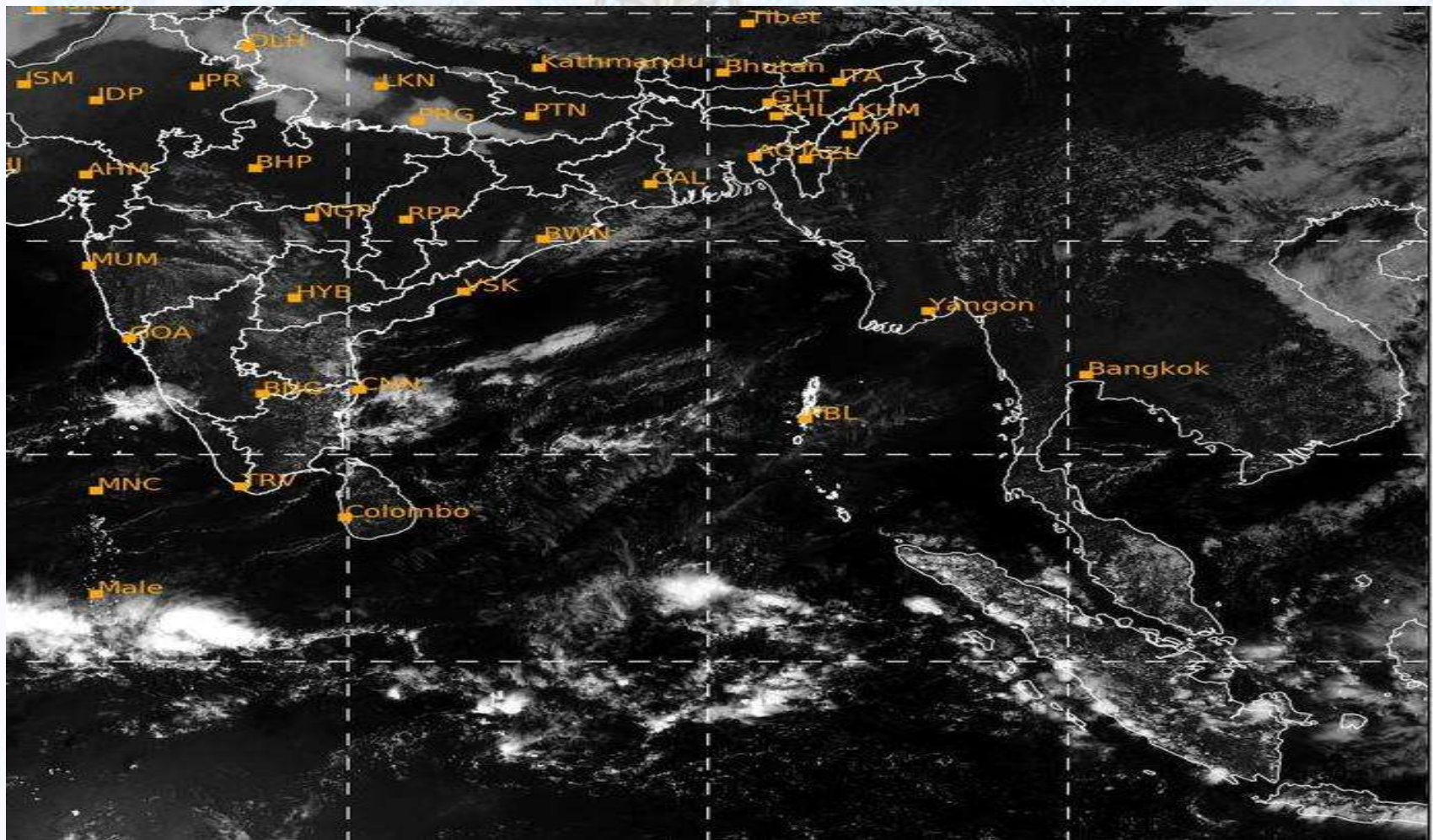


16/01/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



16/01/2020, 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 16.01.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-WESTERLY, 08-12 KTS.
	Visibility	02-04 KMS, REDUCING TO 1000 M OR LESS IN FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =16,0000 UTC. CHATTOGRAM =1016 HPA



Inland River Port Warning (VALID TILL 06 PM OF 16.01.2020)

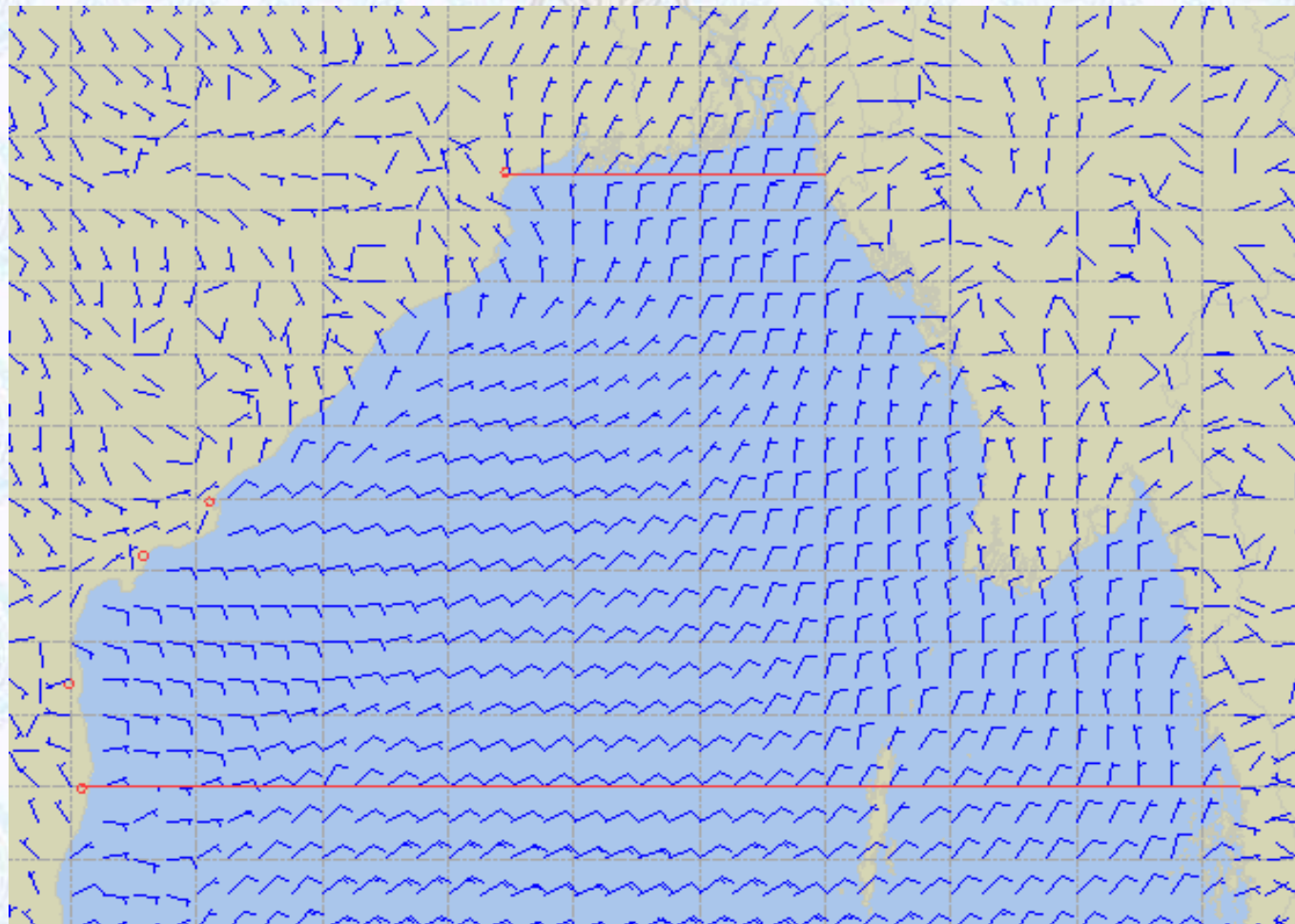
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 17 Jan- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



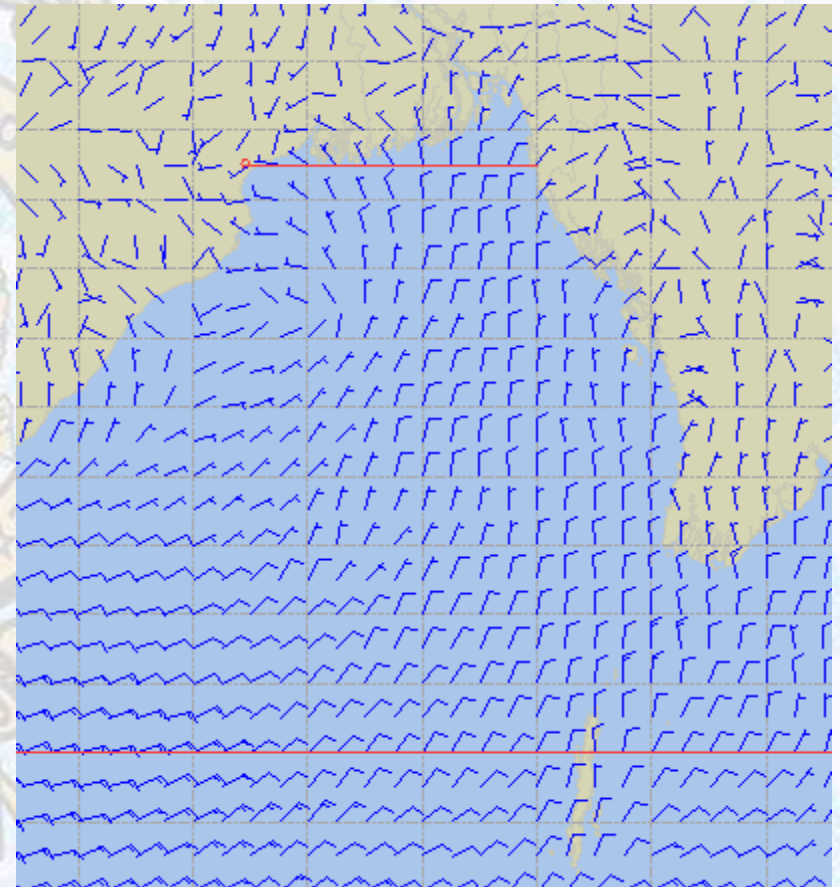
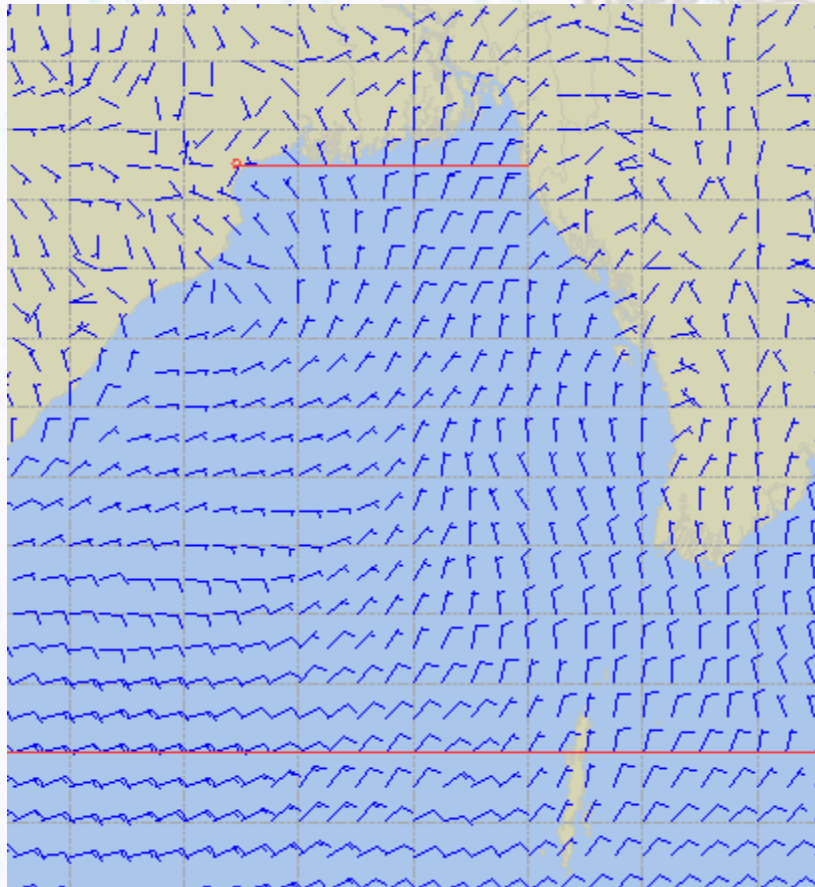
60 Knots



Surface Wind Forecast – 18 & 19 Jan - 2020

18 Jan 2020 Saturday

19 Jan 2020 Sunday



Legend:



**Calm
Winds**



5 Knots



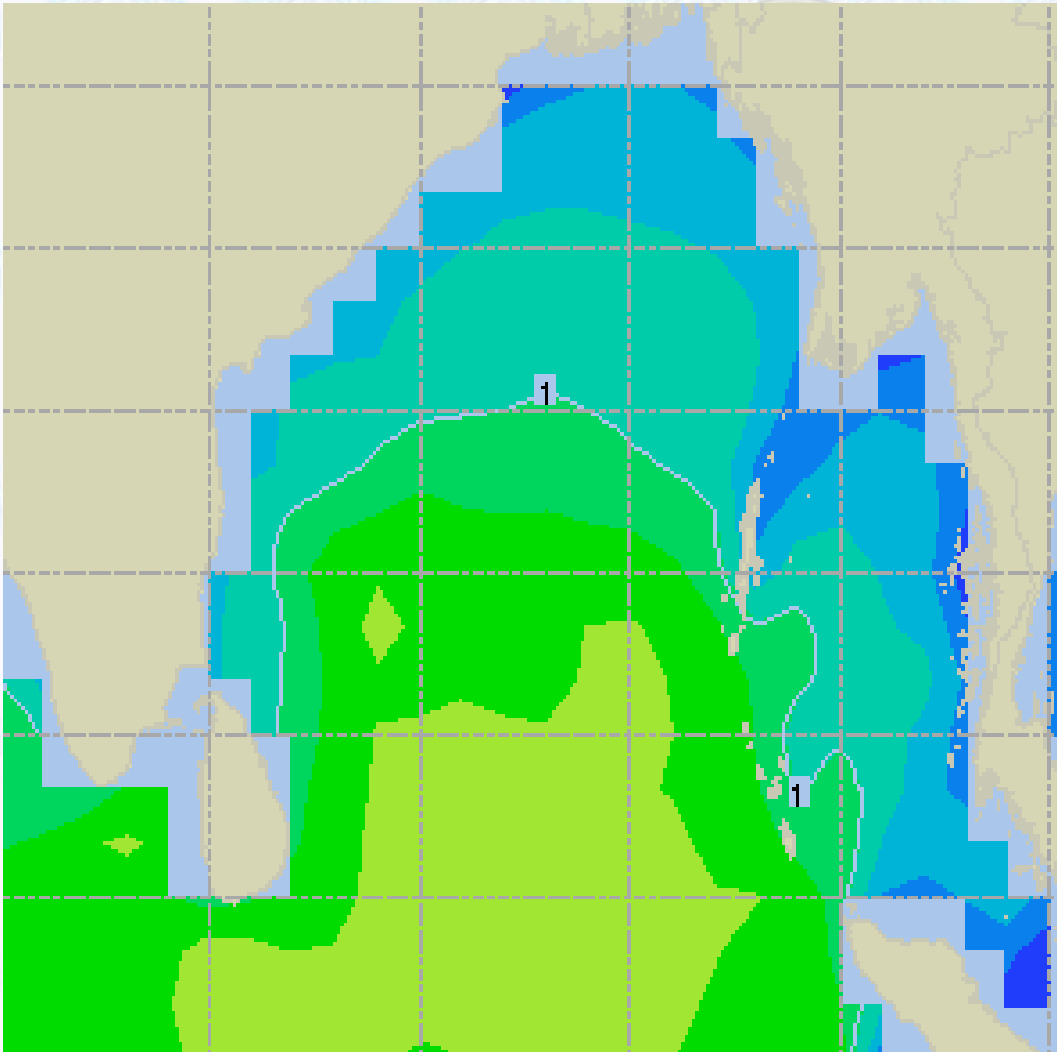
10 Knots



60 Knots



Sea State Forecast- 17 Jan - 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

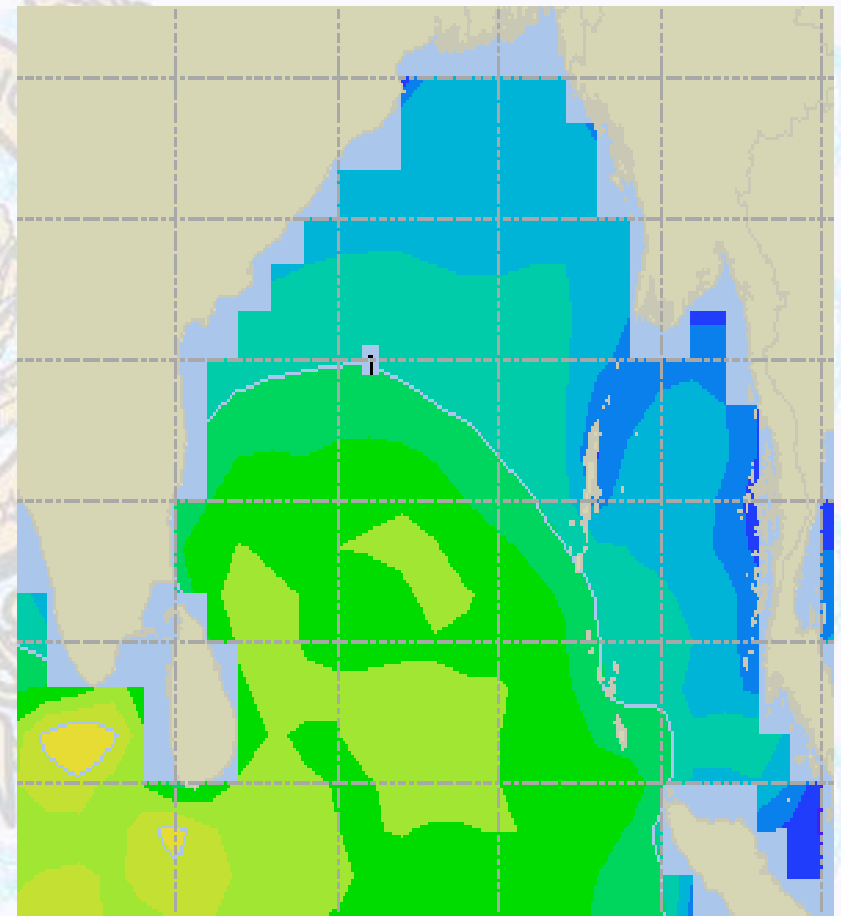
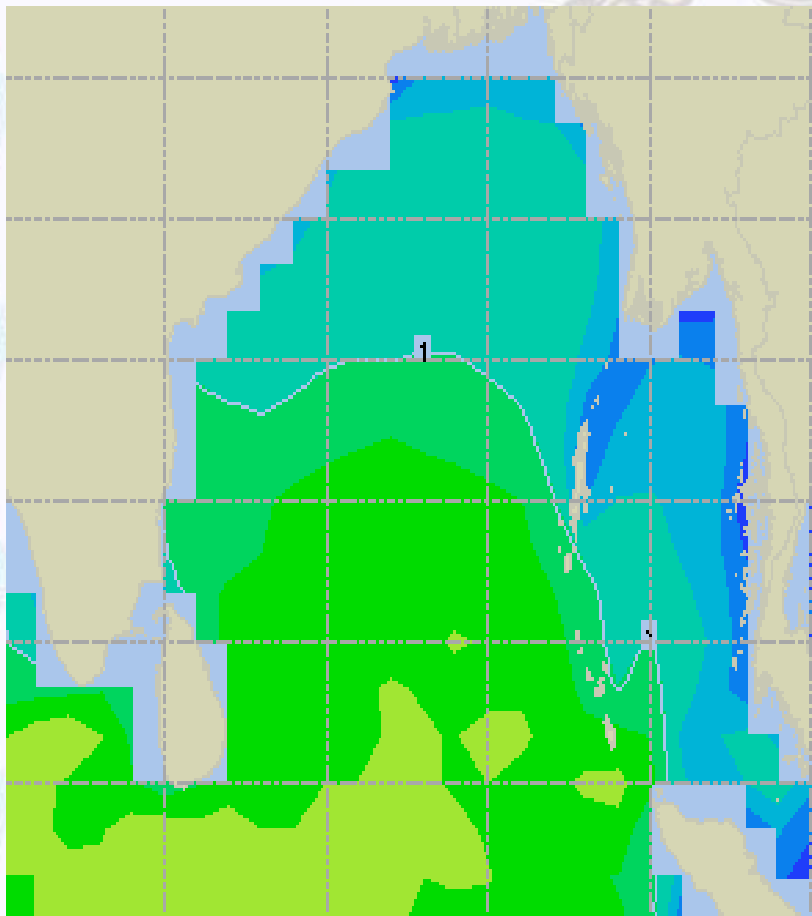




Sea State Forecast – 18 & 19 Jan - 2020

18 Jan 2020 Saturday

19 Jan 2020 Sunday

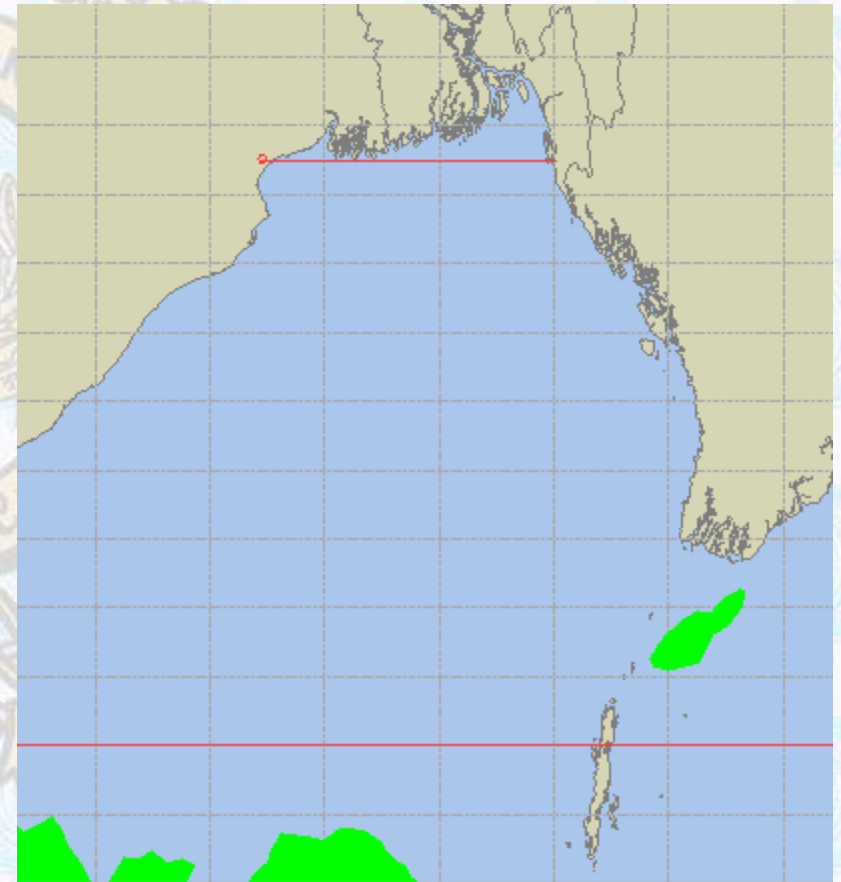
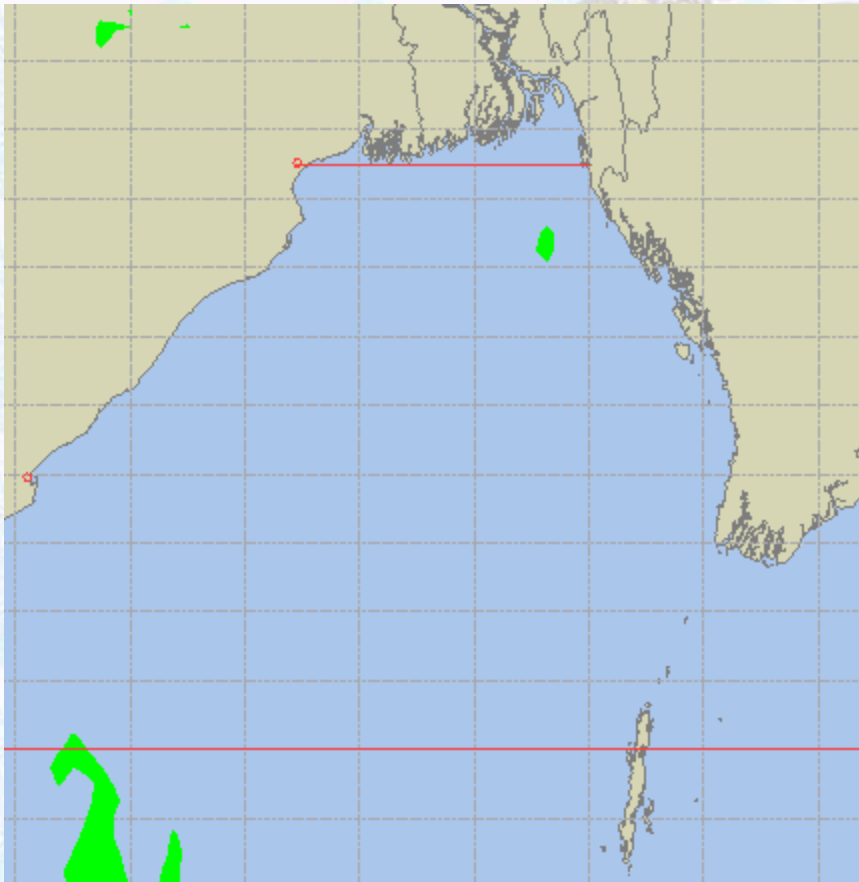




Peak Gusting Possibilities – 17 & 18 Jan - 2020

17 Jan 2020 Friday

18 Jan 2020 Saturday

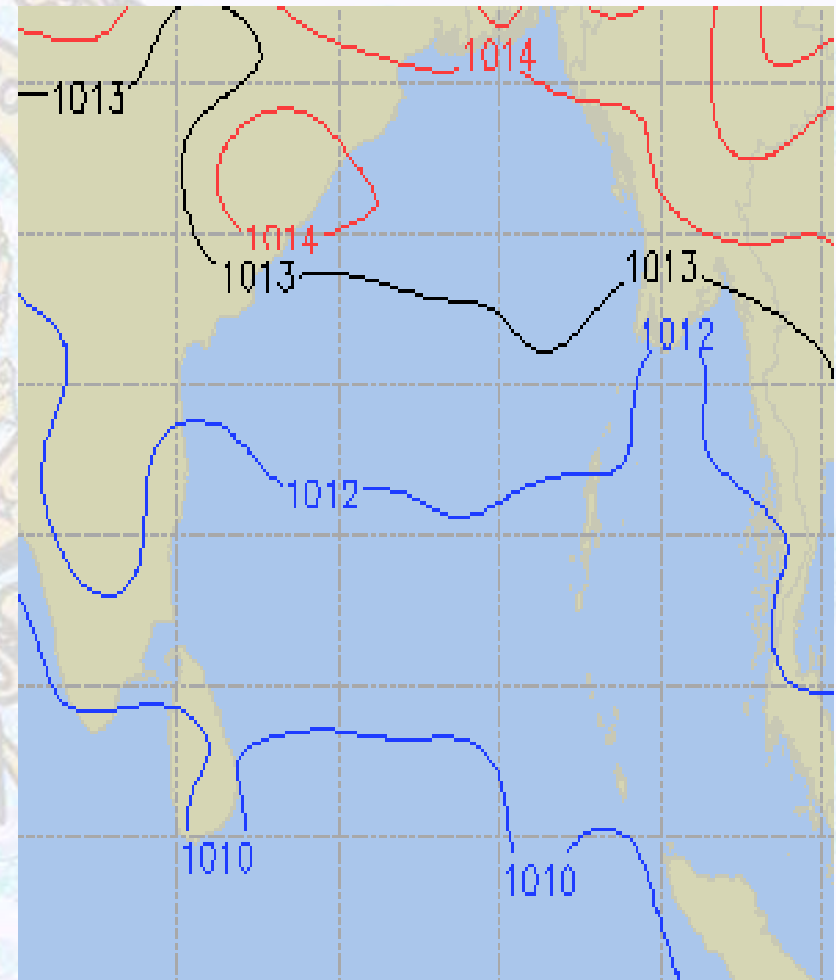
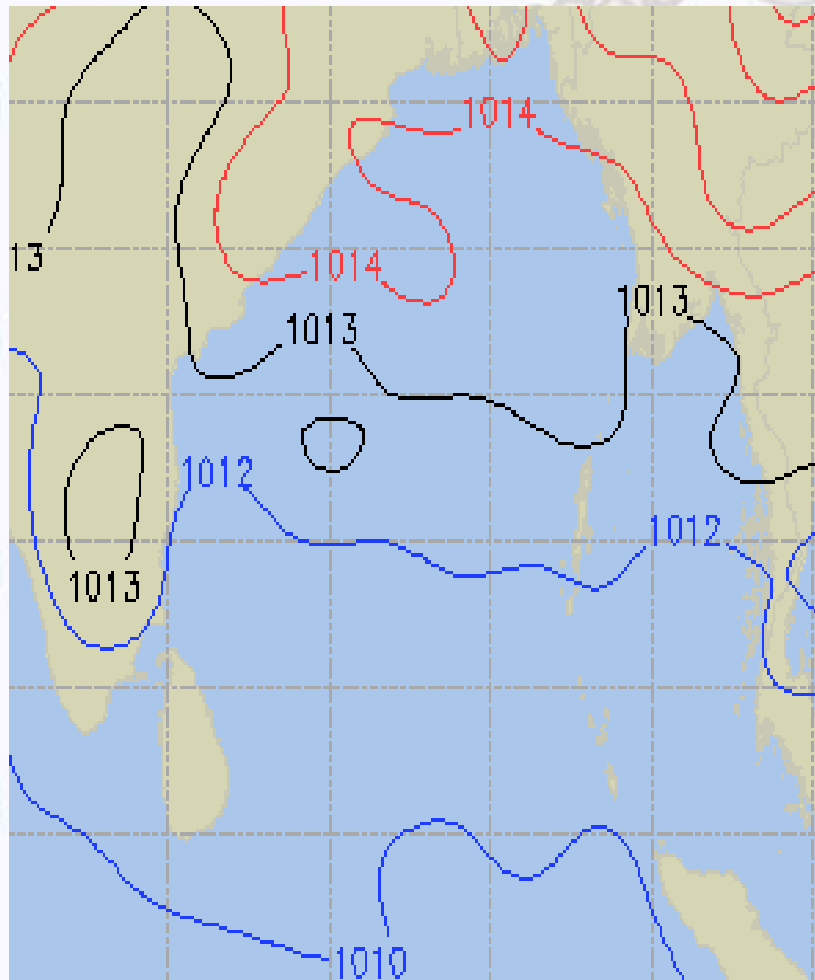




Surface Pressure forecast – 17 & 18 Jan - 2020

17 Jan 2020 Friday

18 Jan 2020 Saturday

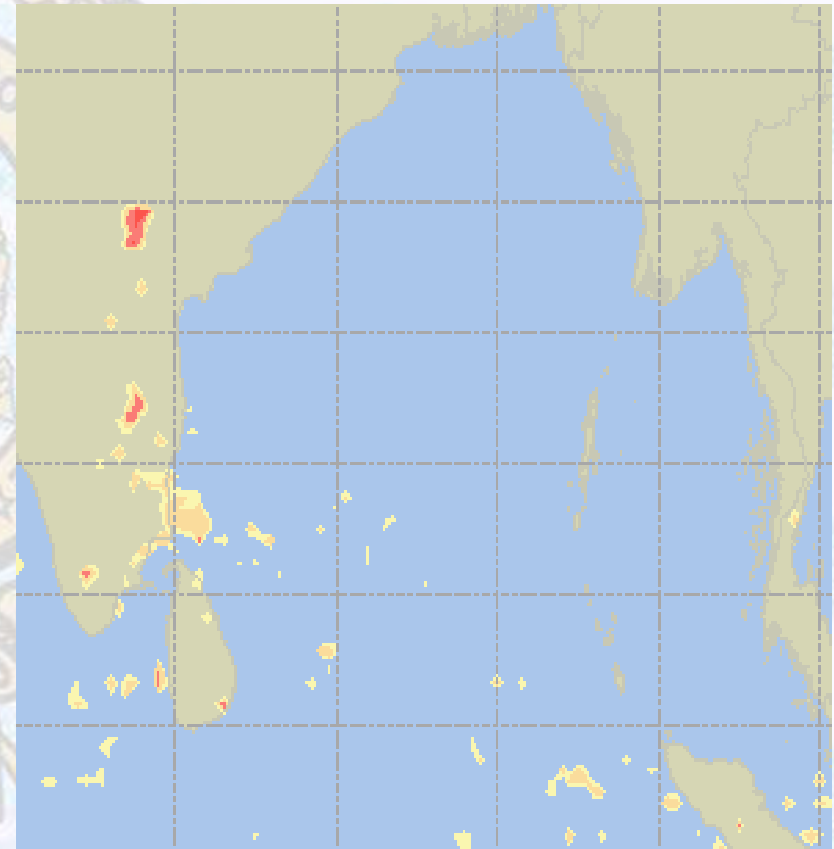
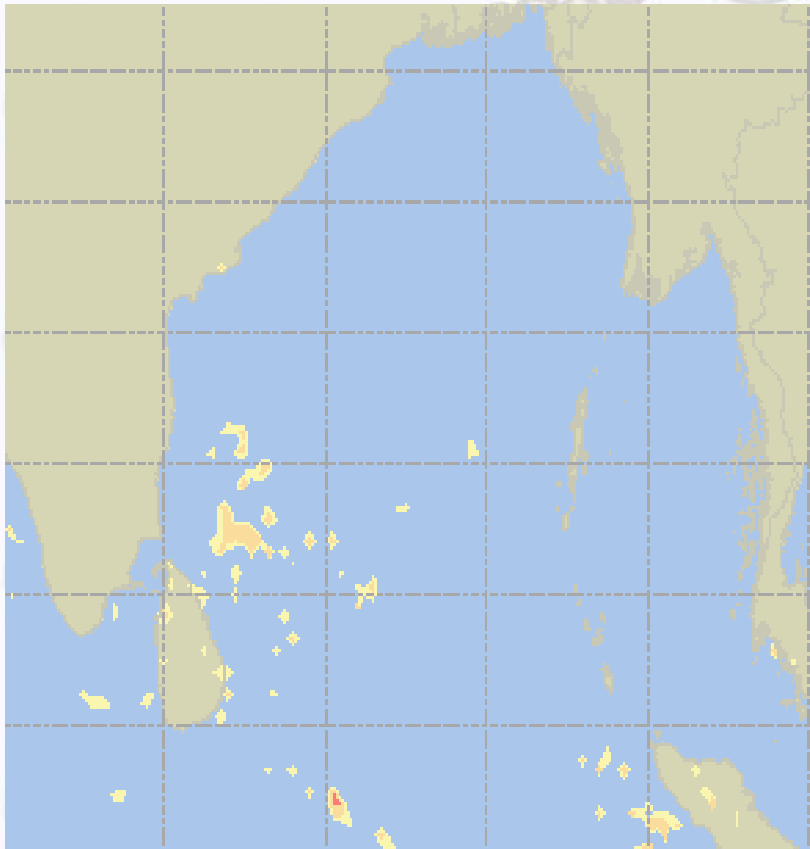




Visibility at Sea Forecast – 17 & 18 Jan - 2020

17 Jan 2020 Friday

18 Jan 2020 Saturday



Visibility Scale:



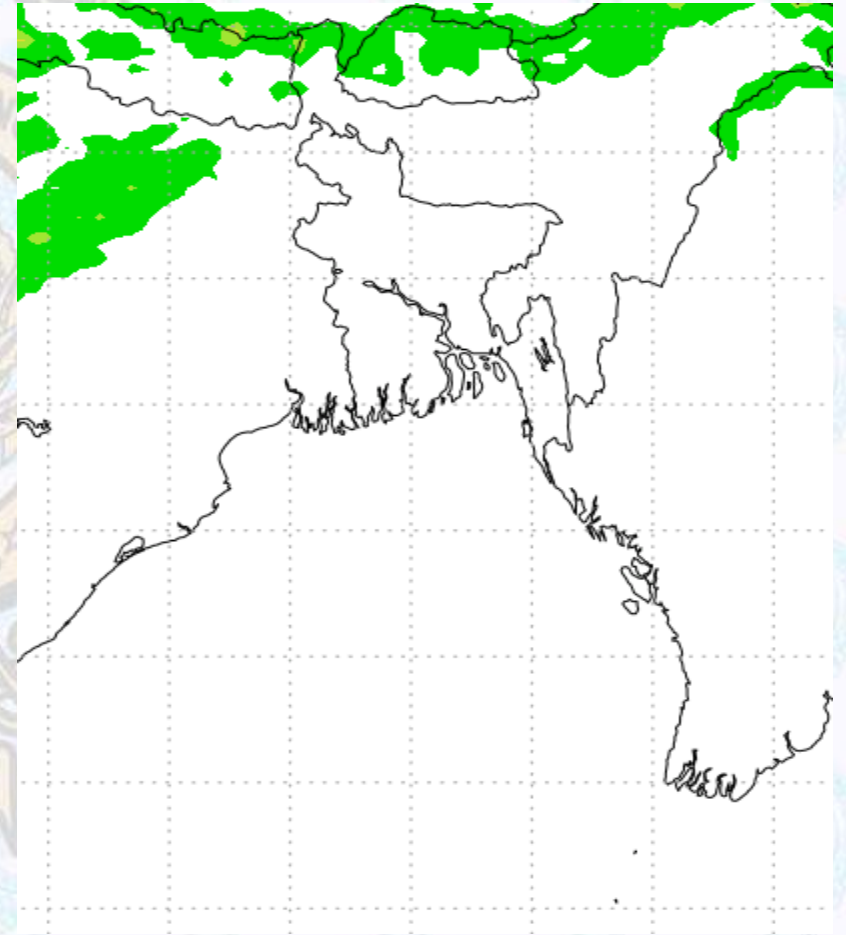
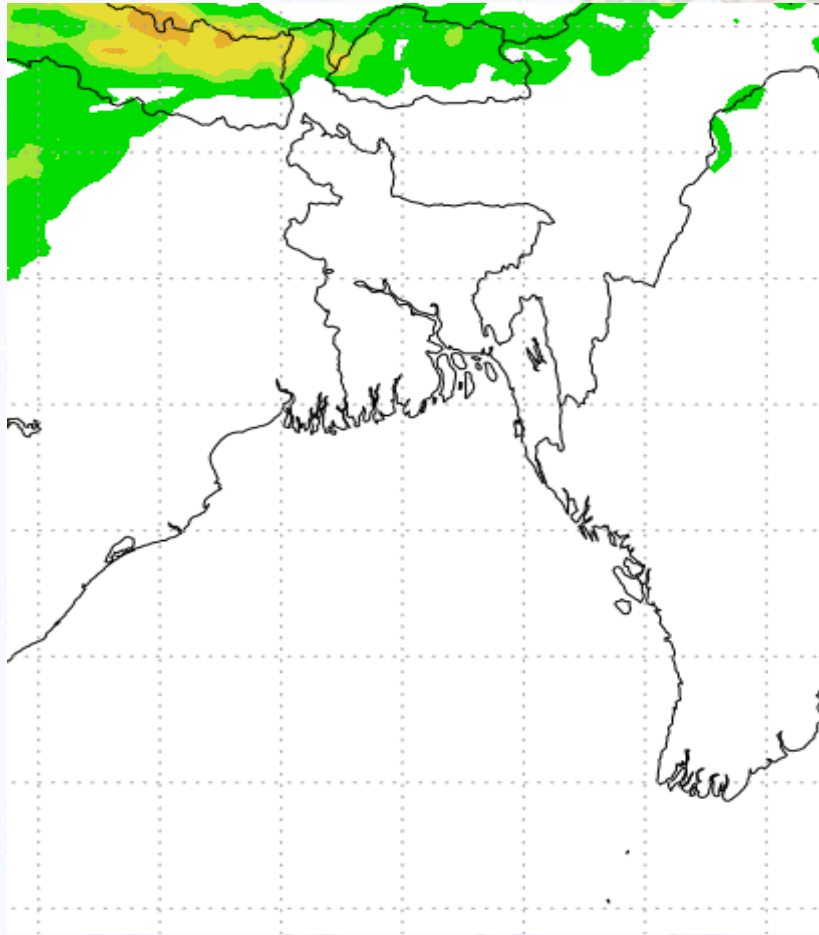
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 17 & 18 Jan 20

Rain(mm) 18 & 19 Jan 20



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
17Jan 2020	0537	3.88		0306	2.94		0302	2.57
	1221	0.53		0943	0.57		0935	0.64
	1829	3.80		1538	2.68		1551	2.45
	-	-		2210	0.68		2200	0.96
18Jan 2020	Time	Height		Time	Height		Time	Height
	0053	0.92		0405	2.68		0400	2.37
	0650	3.60		1044	0.69		1035	0.77
	1327	0.66		1646	2.57		1703	2.38
	1946	3.75		2320	0.80		2318	1.10
19Jan 2020	Time	Height		Time	Height		Time	Height
	0215	0.97		0513	2.48		0516	2.18
	0814	3.39		1157	0.75		1149	0.86
	1440	0.76		1804	2.54		1828	2.37
	2104	3.77		-	-		-	-