



WEATHER FORECAST FOR BN

18 - 21 JAN 2020





WEATHERFORECAST – DHAKA

18.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 16	25 / 16	21 / 16	19 / 16
Wind	8 km/h WNW	8 km/h WNW	4 km/h NNE	3 km/h ENE
Humidity	55%	55%	76%	81%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	1%	1%	3%	4%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 46 AM 5: 35 PM			

Conditions

Pressure : 1016 hpa

Visibility : 12.87 km

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



WEATHER FORECAST – CHATTOGRAM

18.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 16	25 / 16	21 / 16	19 / 16
Wind	11 km/h NW	12 km/h NW	7 km/h NNW	7 km/h NNE
Humidity	54%	58%	71%	81%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 35 AM 5: 32 PM			

Conditions

Pressure : 1016 hpa

Visibility : 16.09 Km

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



WEATHER FORECAST – KHULNA

18.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 15	27 / 15	21 / 16	19 / 16
Wind	7 km/h NW	6km/h NW	2 km/h WSW	1 km/h SW
Humidity	51%	49%	75%	87%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	1%	1%	1%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 46 AM 5: 41 PM			

Conditions

Pressure : 1016 hpa

Visibility : 12.87 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	19 Jan 2020	20 Jan 2020	21 Jan 2020
Temperature (C)	26 °C / 17 °C	24 °C / 13 °C	23 °C / 13 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h43m06s/17h35m12s	6h43m00s/17h36m00s	6h42m54s/17h36m42s
Day Length	10h52m06s	10h53m00s	10h53m48s
Moon Rise/ Set	1:26AM 12:59PM	2:25AM 1:43PM	3:26AM 2:30PM
Moon Phase/ illu	Waning Crescent, 28%	Waning Crescent, 19%	Waning Crescent, 11%
NauticalTwilight	0550,1827	0550,1827	0550,1828
Civil Twilight	0618,1759	0618,1800	0618,1800
Humidity	D : 71% N : 78%	D : 68% N : 76%	D : 65% N : 75%
Barometer (mb)	1015	1017	1019
Visibility	Good	Good	Good
Precip Chance	10%	1%	10%
Wind (mph)	11 km/h NNW	10 km/h NW	9 km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 Jan 2020	20 Jan 2020	21 Jan 2020
Temperature (C)	27 °C/ 16 °C	26 °C/ 15 °C	25 °C/ 14 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h34m42s/17h32m06s	6h34m42s/17h32m54s	6h34m36s/17h33m36s
Day Length	10h57m24s	10h58m12s	10h59m00s
Moon Rise/ Set	1:16AM 12:54PM	2:15AM 1:39PM	3:15AM 2:26PM
Moon Phase/ illu	Waning Crescent, 28%	Waning Crescent, 19%	Waning Crescent, 11%
NauticalTwilight	0543, 1823	0543, 1823	0543, 1824
Civil Twilight	0610.,1756	0610.,1756	0610.,1757
Humidity	D : 68% N : 86%	D : 71% N : 83%	D : 63% N : 76%
Barometer (mb)	1014	1016	1018
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	10 km/h NNW	10 km/h NNW	11 km/h NNW

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



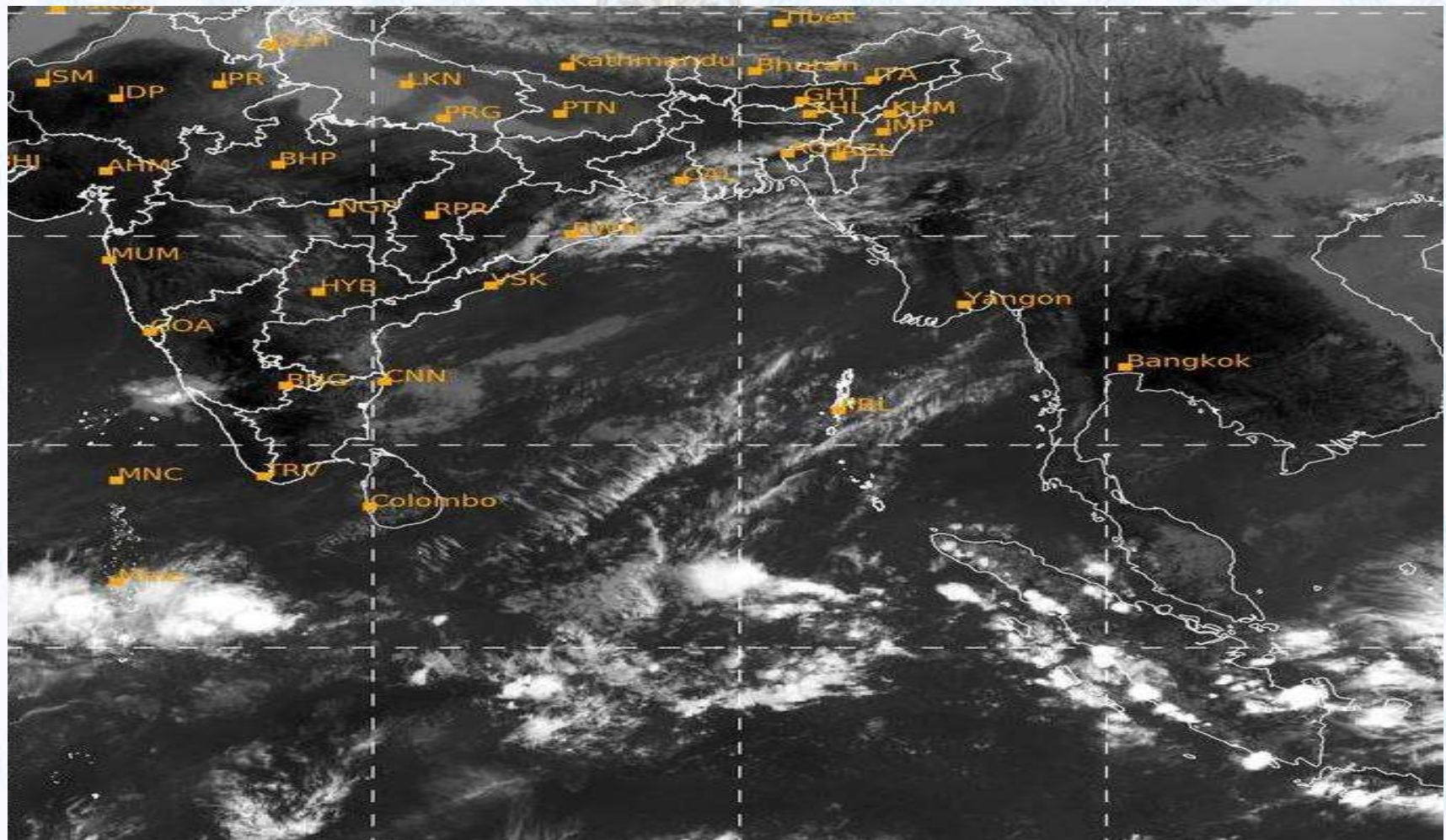
GENERAL WEATHER FORECAST – KHULNA

Description	19 Jan 2020	20 Jan 2020	21 Jan 2020
Temperature(C)	26 °C/ 16 °C	24 °C/ 13 °C	24 °C/ 12 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h44m42s/17h40m24s	6h44m42s/17h41m12s	6h44m36s/17h41m54s
Day Length	10h55m42s	10h56m30s	10h57m18s
Moon Rise/Set	1:26AM 1:04PM	2:25AM 1:49PM	3:25AM 2:36PM
Moon Phase/illu	Waning Crescent, 28%	Waning Crescent, 19%	Waning Crescent, 11%
Nautical Twilight	0553, 1831	0553, 1832	0552, 1833
Civil Twilight	0620.,1804	0620.,1805	0620.,1805
Humidity	D : 70% N : 82%	D : 67% N : 80%	D : 63% N : 79%
Barometer (mb)	1015	1017	1019
Visibility	Good	Good	Good
Precip Chance	10%	1%	10%
Wind (mph)	11 km/h NNW	10 km/h NNW	8 km/h N

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



SATELLITE VIEW OF BAY OF BENGAL

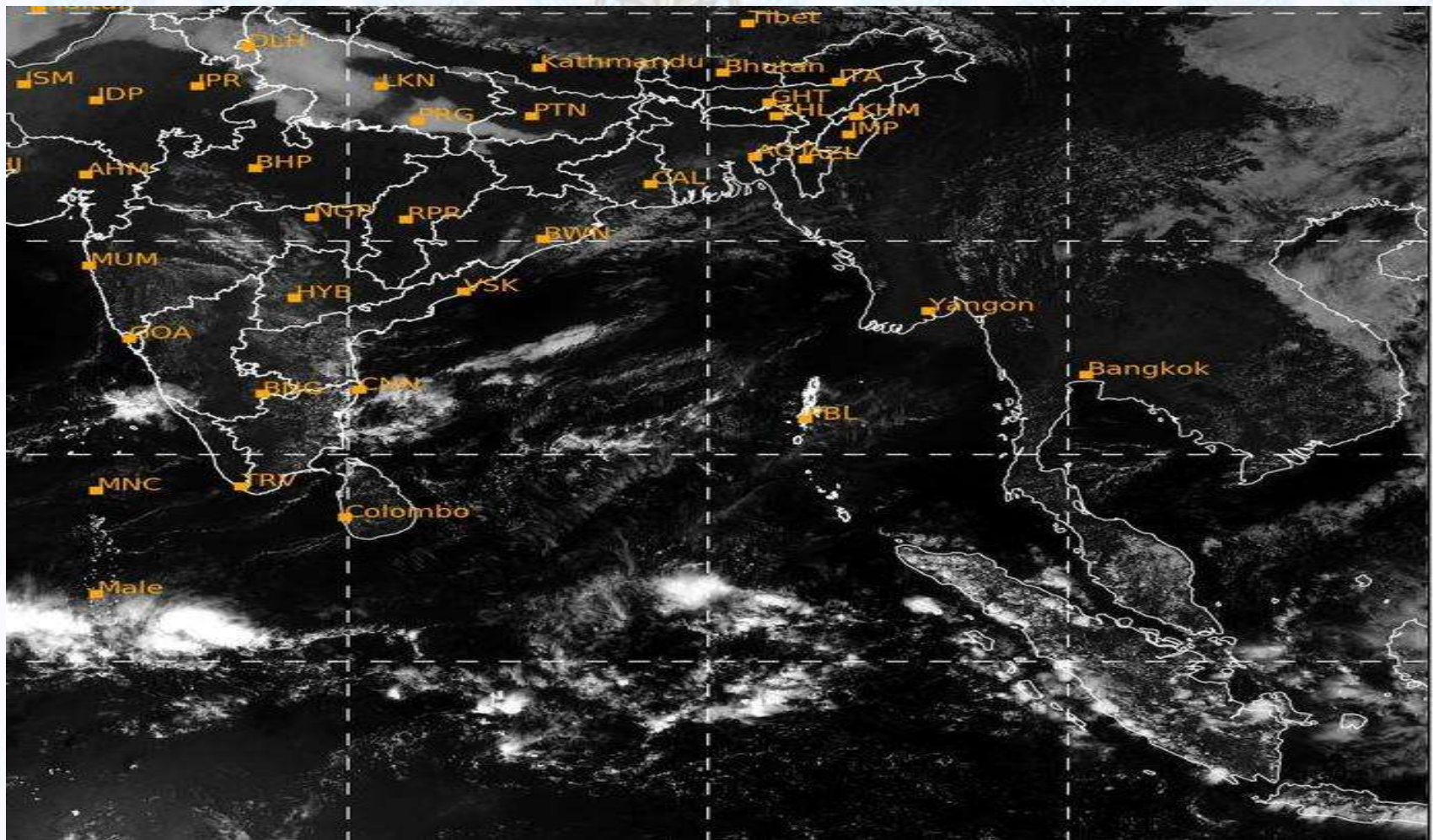


18/01/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



18/01/2020, 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 18.01.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY. EXTENDING ITS TROUGH TO NORTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY, 08-12 KTS.
	Visibility	02-04 KMS, REDUCING TO 1000 M OR LESS IN FOG/MIST.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =18,0000 UTC. CHATTOGRAM =1016 HPA



Inland River Port Warning (VALID TILL 06 PM OF 18.01.2020)

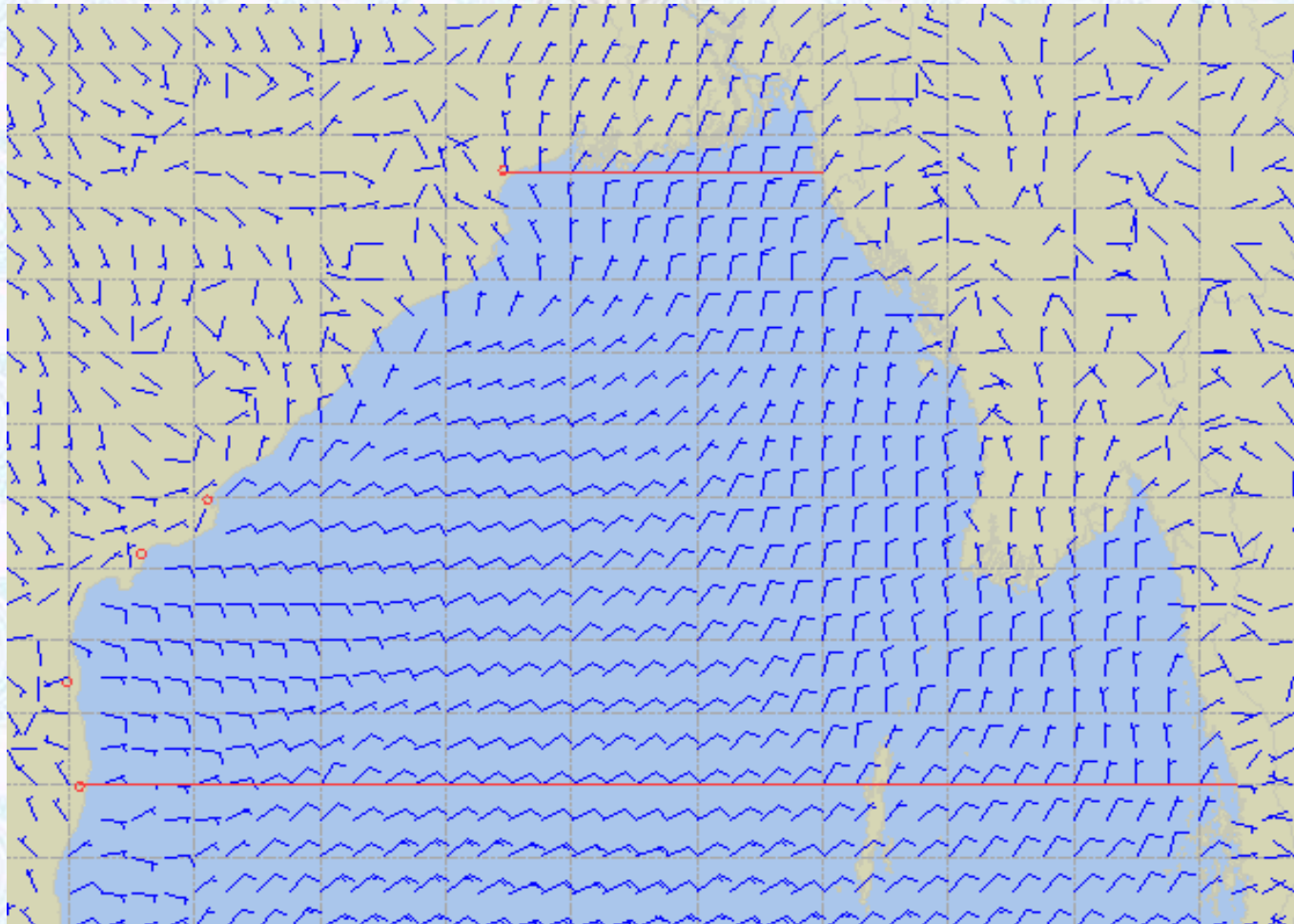
THERE IS NO INLAND RIVERPORTS WARNING & NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 19 Jan- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



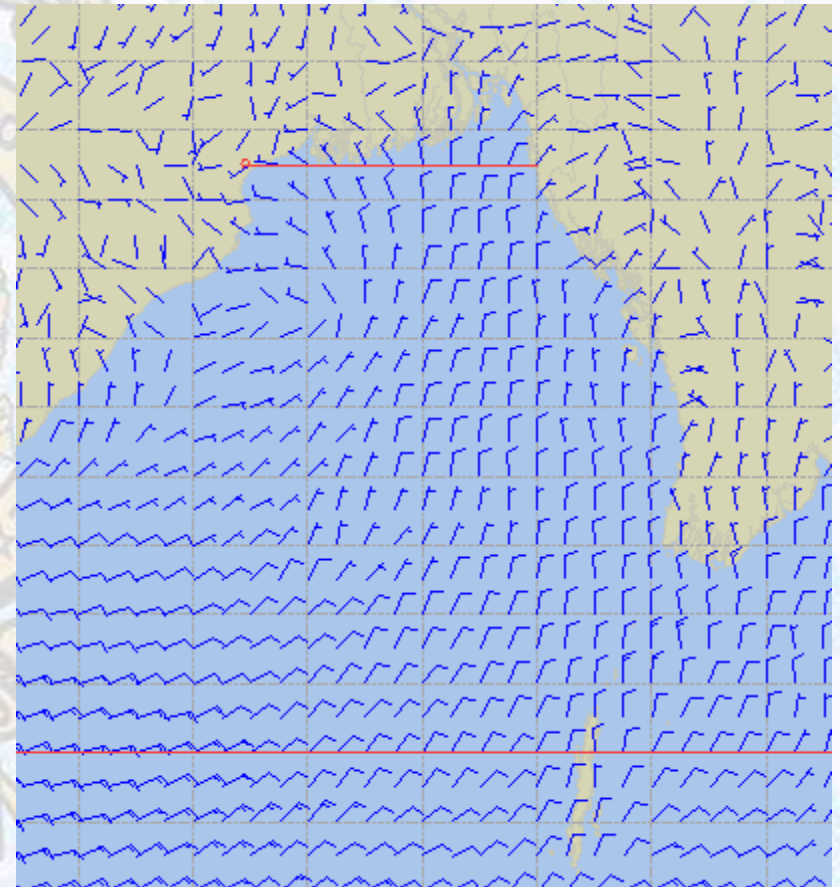
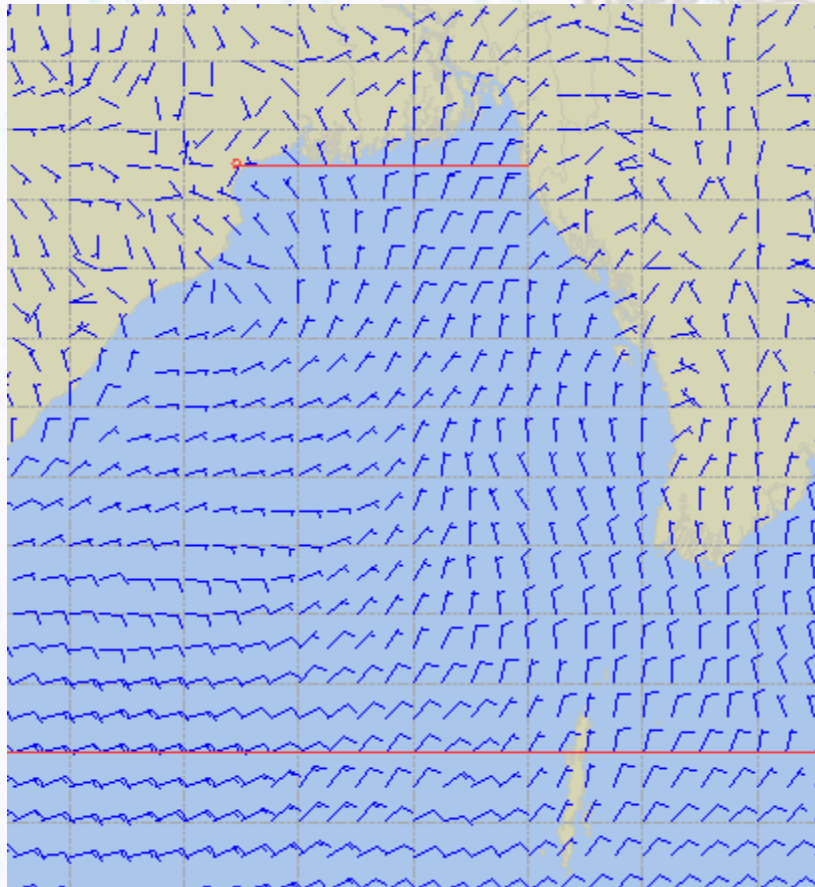
60 Knots



Surface Wind Forecast – 20 & 21 Jan - 2020

20 Jan 2020 Monday

21 Jan 2020 Tuesday



Legend:



**Calm
Winds**



5 Knots



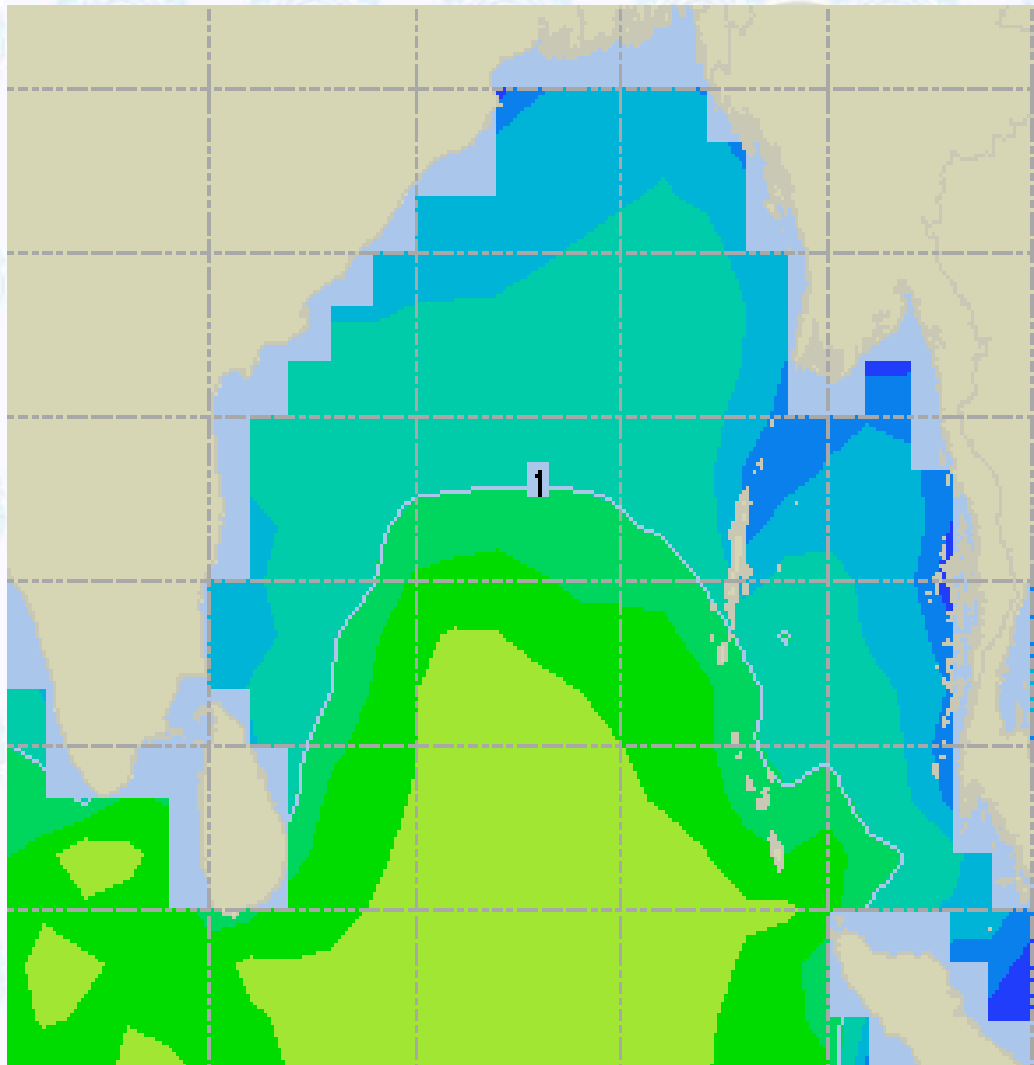
10 Knots



60 Knots



Sea State Forecast- 19 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

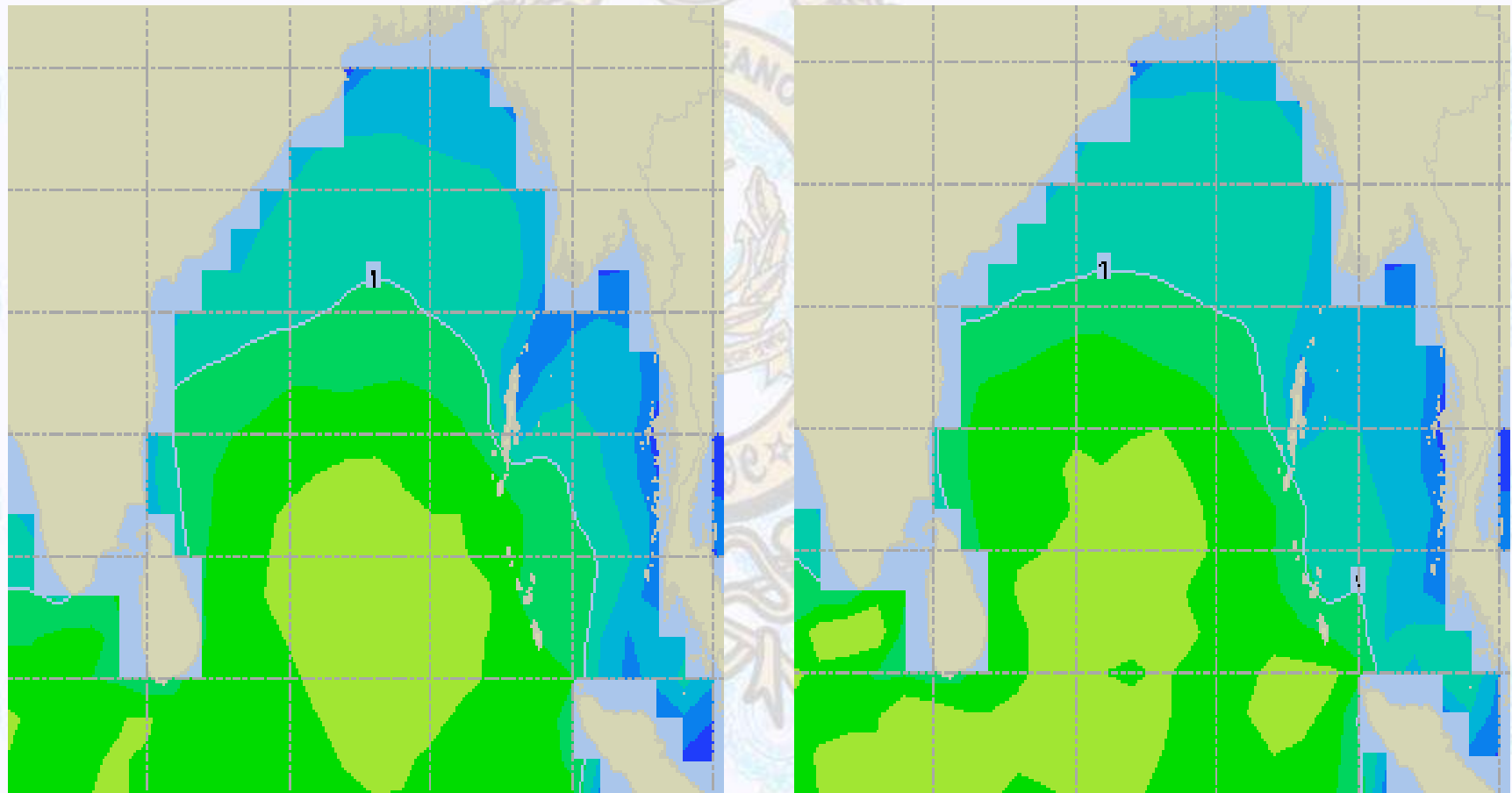




Sea State Forecast – 20 & 21 Jan - 2020

20 Jan 2020 Monday

21 Jan 2020 Tuesday

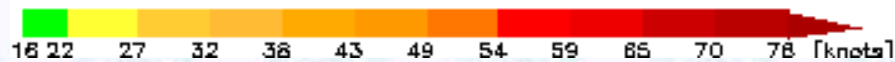
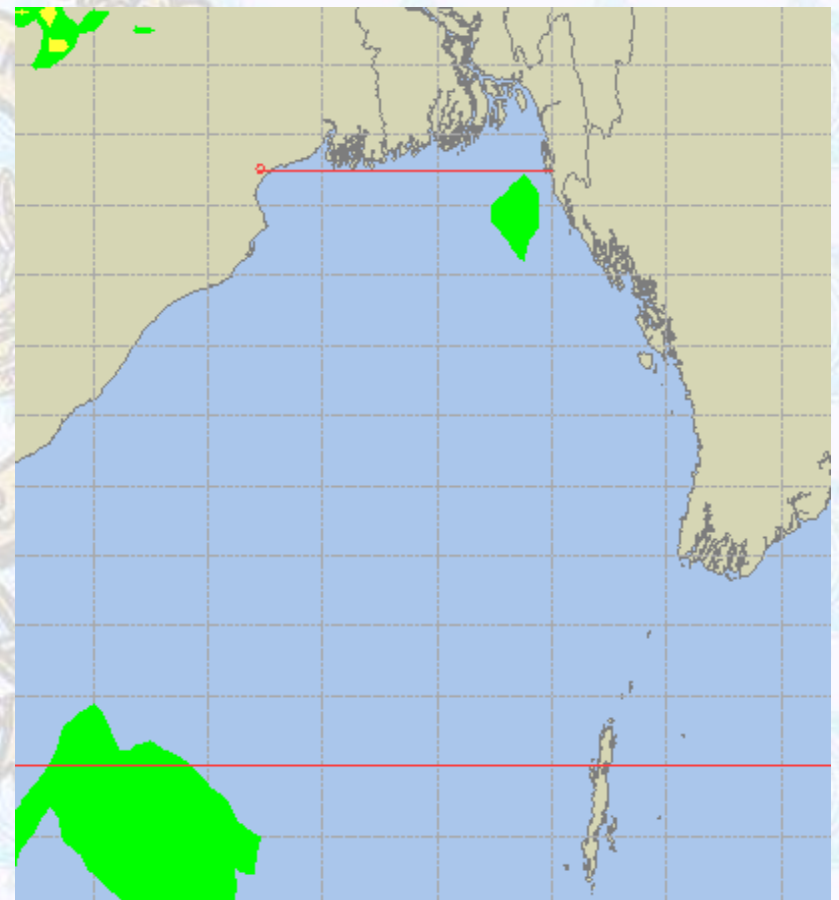
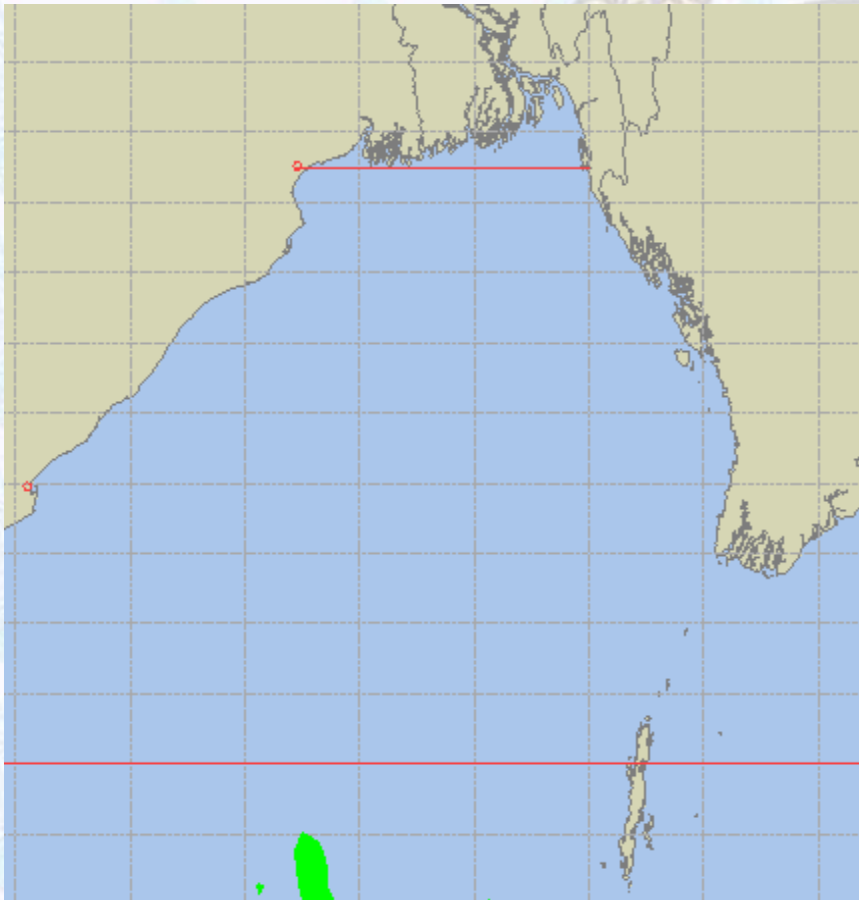




Peak Gusting Possibilities – 19 & 20 Jan - 2020

19 Jan 2020 Sunday

20 Jan 2020 Monday

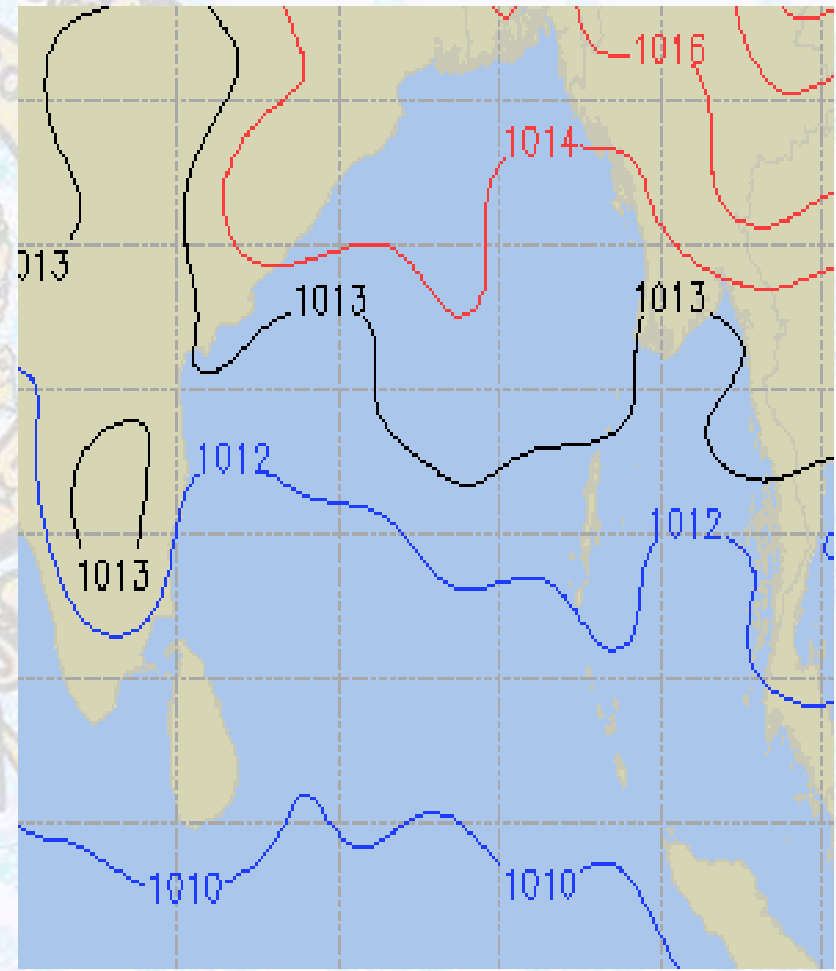
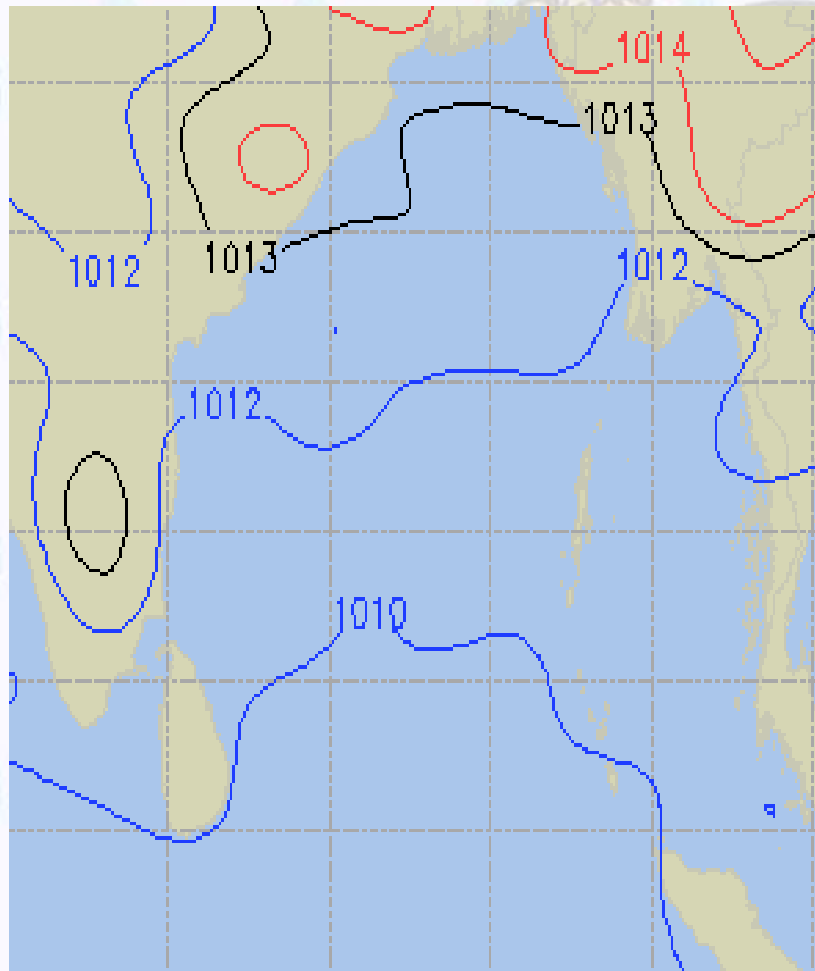




Surface Pressure forecast – 19 & 20 Jan - 2020

19 Jan 2020 Sunday

20 Jan 2020 Monday

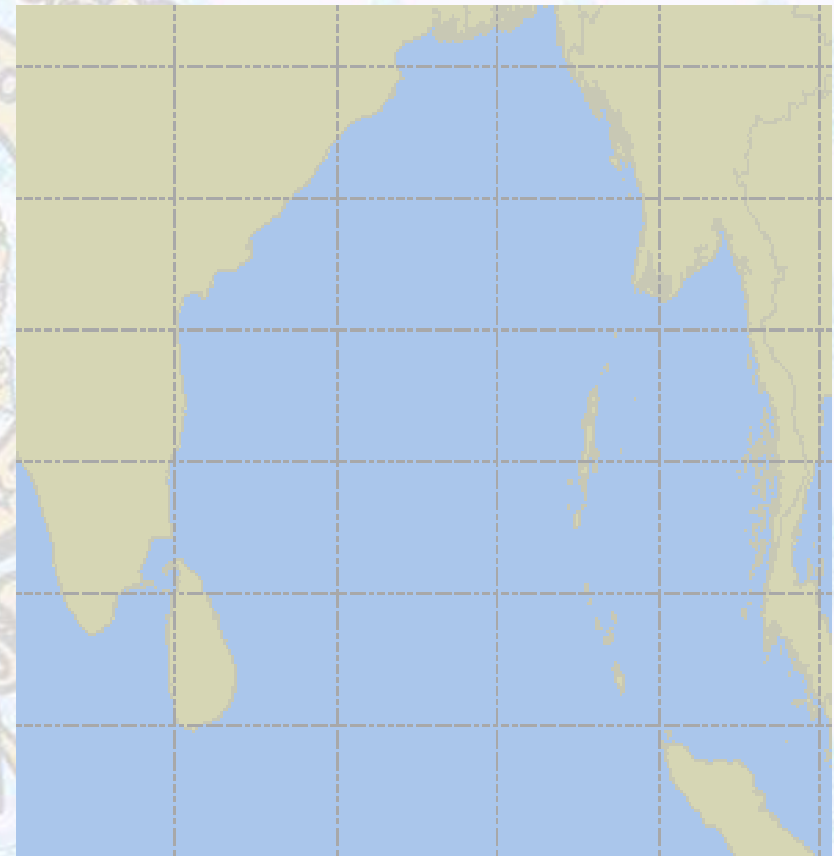
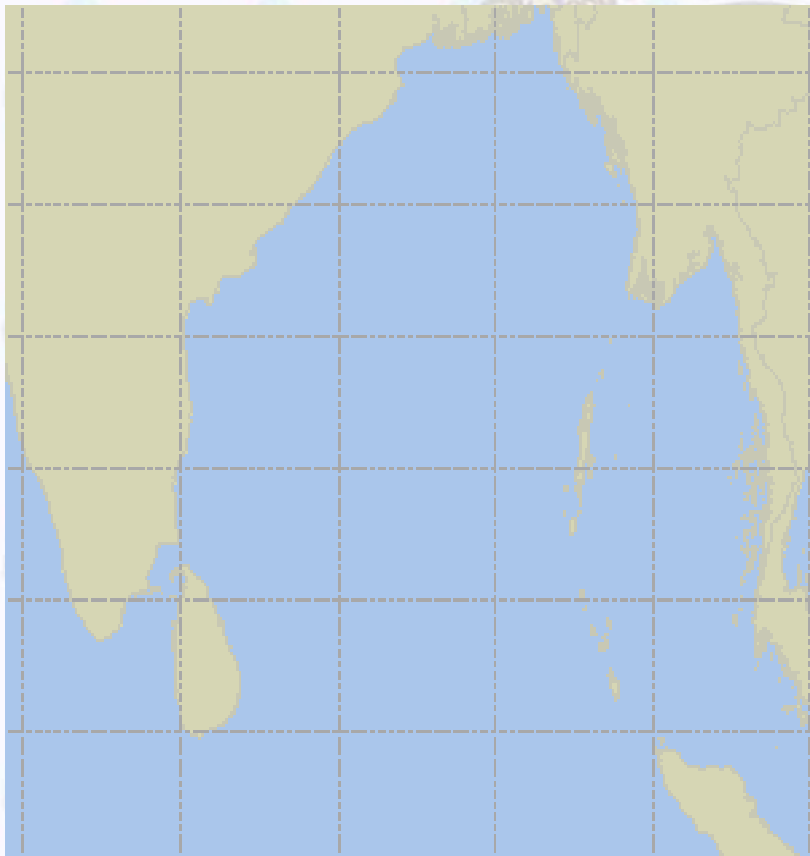




Visibility at Sea Forecast – 19 & 20 Jan - 2020

19 Jan 2020 Sunday

20 Jan 2020 Monday



Visibility Scale:

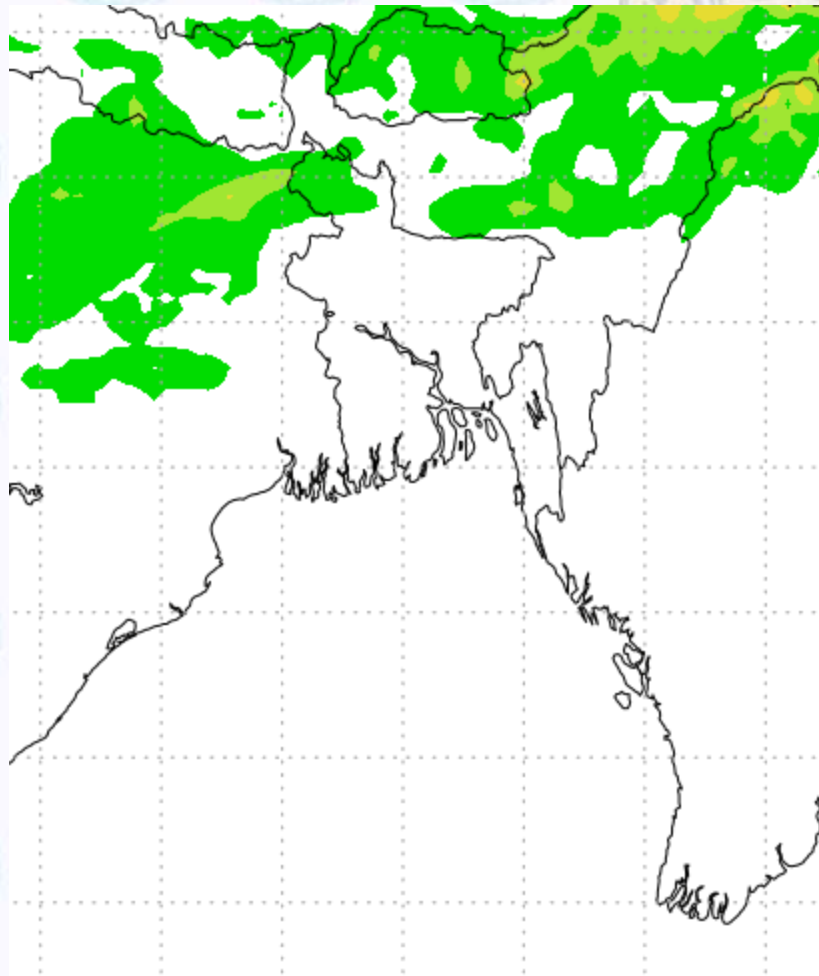


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

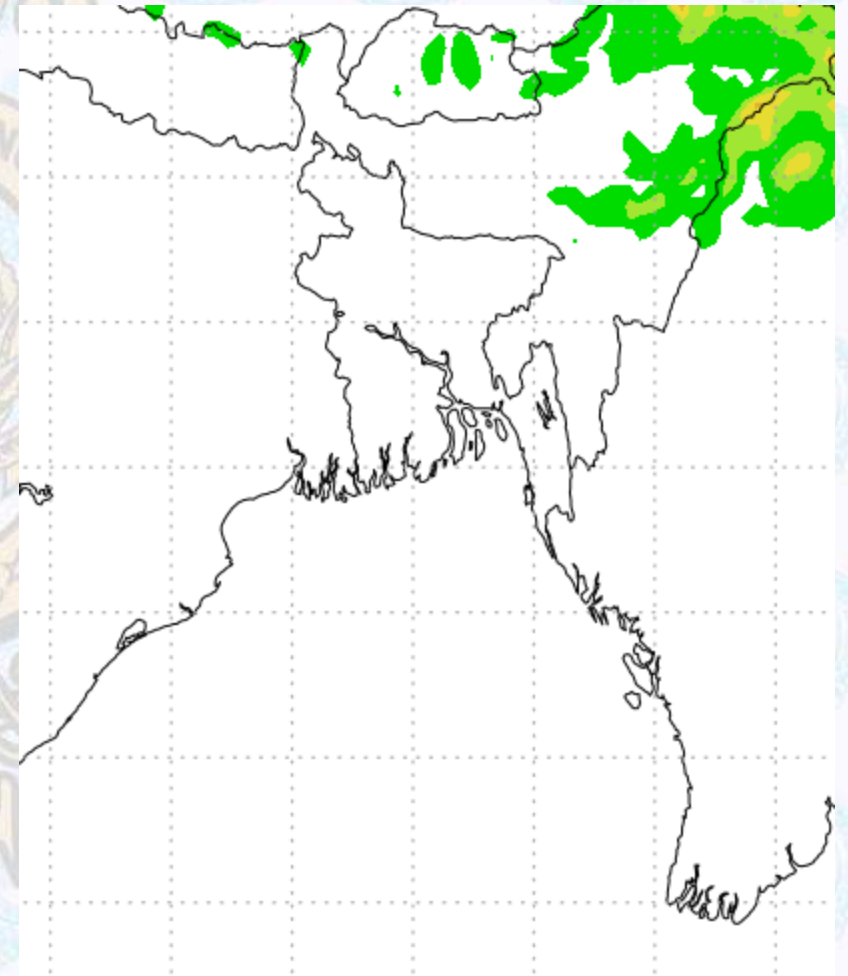


Precipitation

Rain(mm) 19 & 20 Jan 20



Rain(mm) 20 & 21 Jan 20



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
19Jan 2020	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		-	-		-	-
20Jan 2020	Time	Height		Time	Height		Time	Height
	0338	0.91		0041	0.840		0052	1.13
	0938	3.32		0630	2.37		0651	2.10
	1552	0.78		1312	0.74		1308	0.88
	2214	3.85		1919	2.63		1947	2.45
21Jan 2020	Time	Height		Time	Height		Time	Height
	0450	0.77		0201	0.79		0216	1.04
	1051	3.37		0746	2.39		0814	2.13
	1657	0.74		1421	0.67		1419	0.82
	2312	3.94		2022	2.79		2050	2.57