



WEATHER FORECAST FOR BN

14 - 17 JAN 2020





WEATHERFORECAST – DHAKA

14.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	22 / 15	23 / 16	19 / 15	17 / 14
Wind	6 km/h WNW	7km/h W	4km/h W	3 km/h WNW
Humidity	69%	65%	77%	83%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	25%	5%	1%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 44 AM 5: 32 PM			

Conditions

Pressure : 1014 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

14.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	22 / 17	22 / 16	19 / 16	18 / 16
Wind	10km/h W	10km/h W	5 km/h NW	3 km/h NNW
Humidity	72%	71%	81%	88%
Chance of Precip.	1%	1%	5%	7%
Cloud Cover	2%	1%	1%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 35 AM 5: 29 PM			

Conditions

Pressure : 1013 hpa

Visibility : 16.09 Km

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



WEATHER FORECAST – KHULNA

14.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	22 / 14	23 / 14	18 / 14	16 / 14
Wind	13 km/h NW	12 km/h NW	7 km/h NW	5 km/h NNW
Humidity	93%	93%	93%	87%
Chance of Precip.	6%	6%	5%	2%
Cloud Cover	4%	8%	18%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 46 AM 5: 39 PM			

Conditions

Pressure : 1014 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	15 Jan 2020	16 Jan 2020	17 Jan 2020
Temperature (C)	25 °C/ 15 °C	26 °C/ 15 °C	27 °C/ 16 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h43m24s/17h32.m18s	6h43m24s/17h33m00s	6h43m18s/17h33m42s
Day Length	10h48m54s	10h49m36s	10h50m24s
Moon Rise/ Set	10:22PM 10:17AM	11:17PM 10:52AM	-----
Moon Phase/ illu	Waning Gibbous, 73%	Waning Gibbous, 62%	Last Quarter, 98%
NauticalTwilight	0550,1824	0550,1825	0550,1825
Civil Twilight	0618,1756	0618,1757	0618,1758
Humidity	D : 75% N : 83%	D : 72% N : 81%	D : 71% N : 81%
Barometer (mb)	1015	1015	1015
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	7 km/h NNW	7 km/h N	7 km/h N

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	15 Jan 2020	16 Jan 2020	17 Jan 2020
Temperature (C)	25 °C/ 15 °C	26 °C/ 15 °C	27 °C/ 15 °C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	6h34m54s/17h29m24s	6h34m54s/17h30m00s	6h34m48s/17h30m36s
Day Length	10h54m30s	10h55m06s	10h55m48s
Moon Rise/ Set	10:22PM 10:17AM	11:23PM 10:58AM	-----
Moon Phase/ illu	Waning Gibbous, 73%	Waning Gibbous, 62%	Last Quarter, 98%
Nautical Twilight	0542, 1820	0543, 1821	0543, 1822
Civil Twilight	0610.,1753	0610.,1754	0610.,1754
Humidity	D : 78% N : 90%	D : 77% N : 89%	D : 74% N : 87%
Barometer (mb)	1015	1015	1015
Visibility	Moderate	Moderate	Moderate
Precip Chance	10%	10%	10%
Wind (mph)	9 km/h NW	8 km/h NNW	8 km/h NNW

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



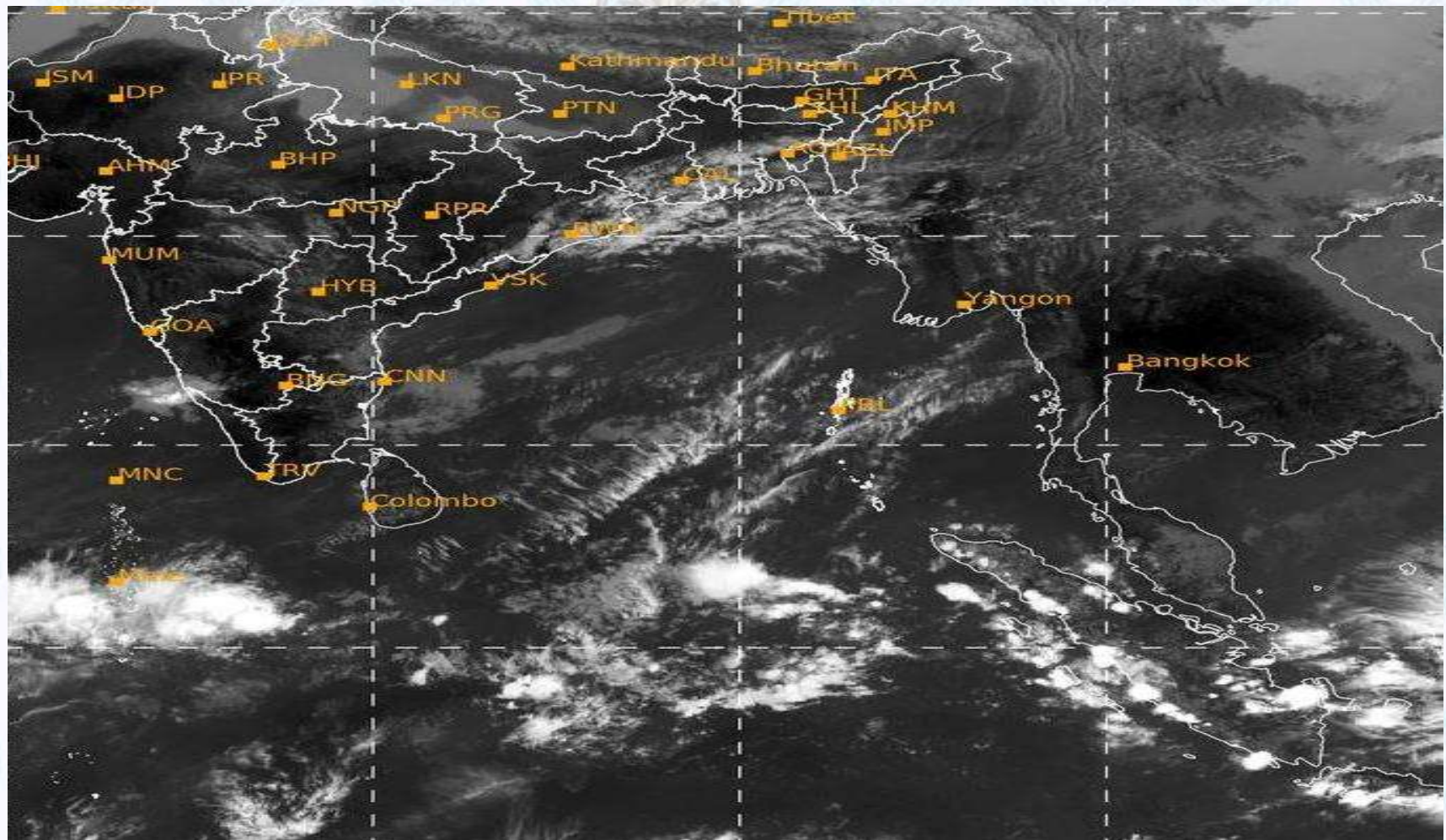
GENERAL WEATHER FORECAST – KHULNA

Description	15 Jan 2020	16 Jan 2020	17 Jan 2020
Temperature(C)	25 °C/ 13 °C	26 °C/ 14 °C	27 °C/ 15 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h45m00s/17h37m36s	6h45m00s/17h38m12s	6h44m54s/17h38m54s
Day Length	10h52m36s	10h53m12s	10h54m00s
Moon Rise/Set	10:27PM 10:21AM	11:28PM 11:02AM	-----
Moon Phase/illu	Waning Gibbous, 73%	Waning Gibbous, 62%	Last Quarter, 95%
Nautical Twilight	0552, 1829	0552, 1829	0552, 1830
Civil Twilight	0620.,1801	0620.,1802	0620.,1803
Humidity	D : 74% N : 86%	D : 72% N : 85%	D : 72% N : 85%
Barometer (mb)	1015	1015	1015
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	7 km/h NNW	7 km/h N	6 km/h NNE

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



SATELLITE VIEW OF BAY OF BENGAL

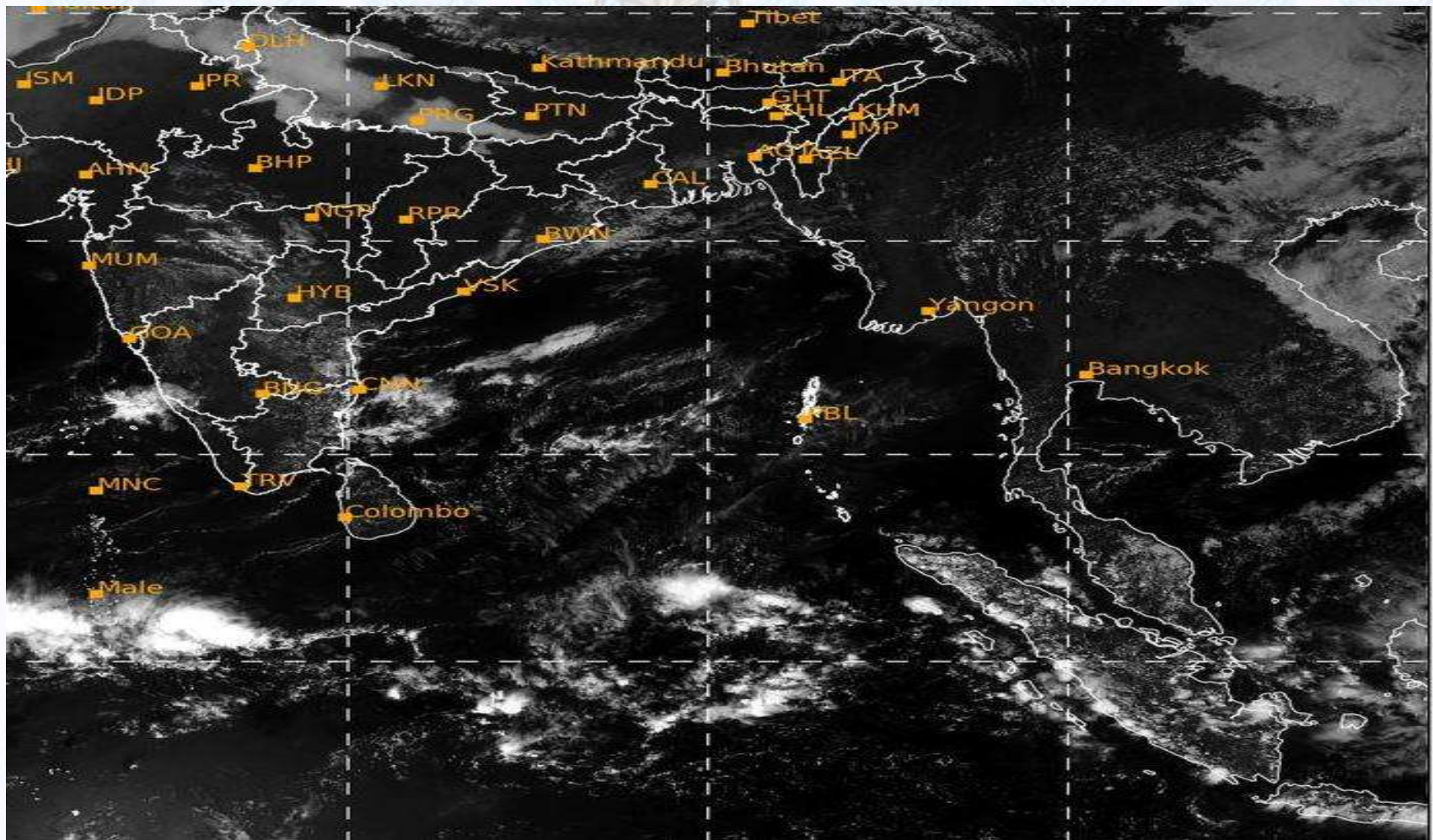


14/01/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



14/01/2020, 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 14.01.2020)

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 800 M OR LESS IN FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =14,0000 UTC. CHATTOGRAM =1014 HPA



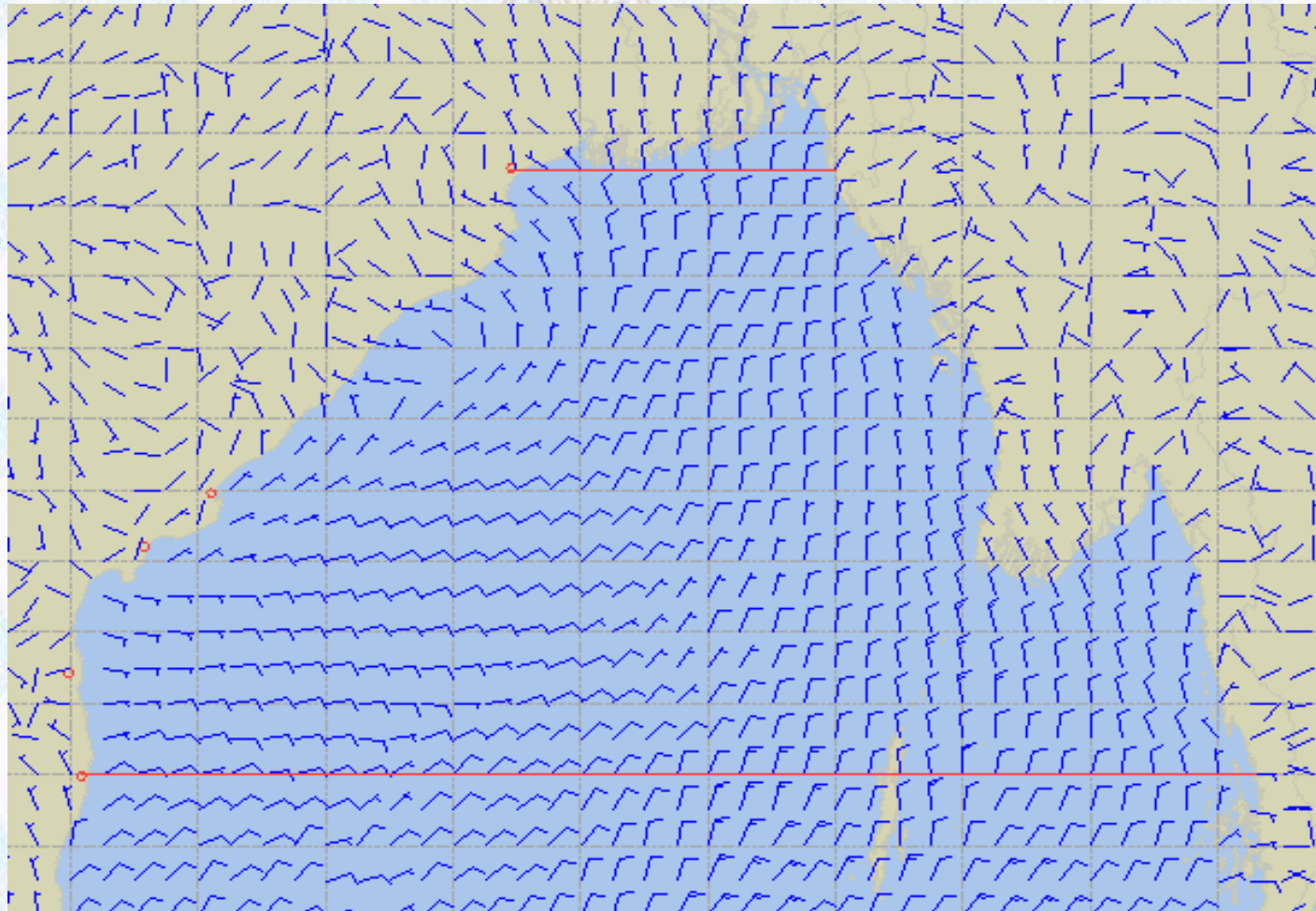
Inland River Port Warning **(VALID TILL 06 PM OF 14.01.2020)**

LIGHT TO MODERATE FOG MAY REDUCE SURFACE VISIBILITY TO 0400 M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 03-04 HOURS COMMENCING 09:30 AM OF 14-01-2020 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



Surface Wind Forecast- 15 Jan- 2020



Legend:



Calm
Winds



5 Knots



10 Knots



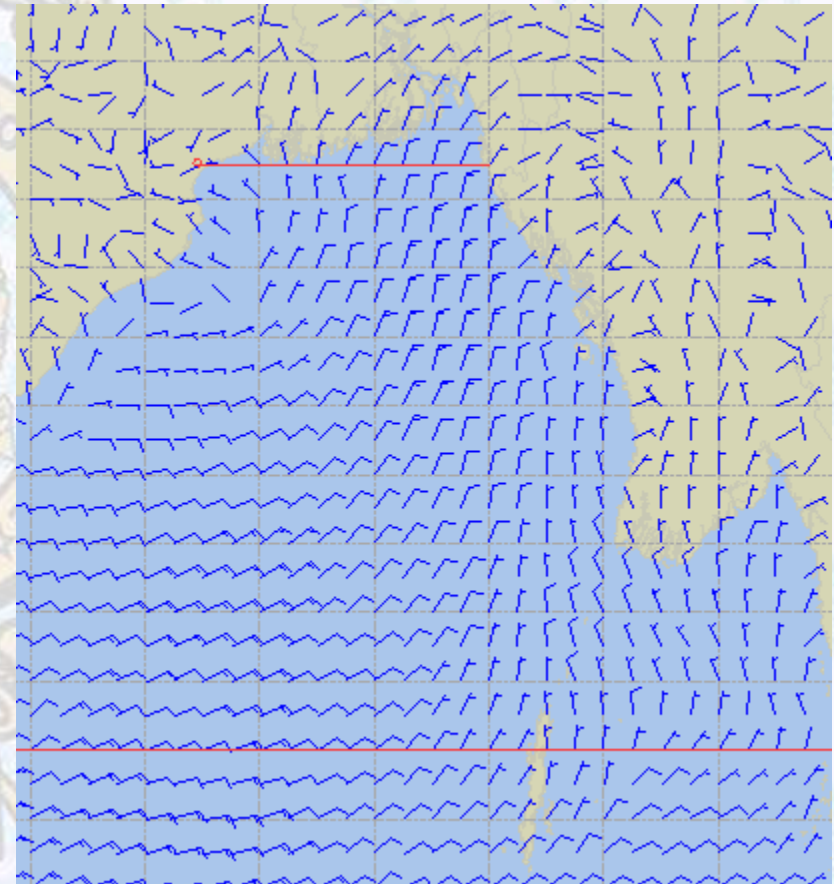
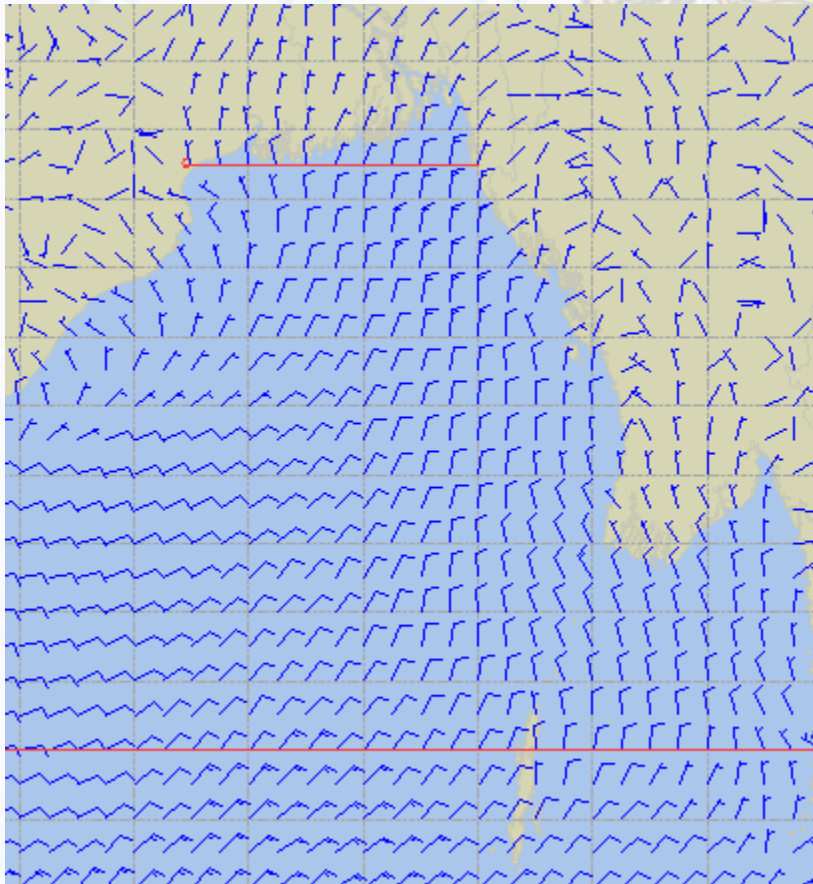
60 Knots



Surface Wind Forecast – 16 & 17 Jan - 2020

16 Jan 2020 Thursday

17 Jan 2020 Friday



Legend:



Calm
Winds



5 Knots



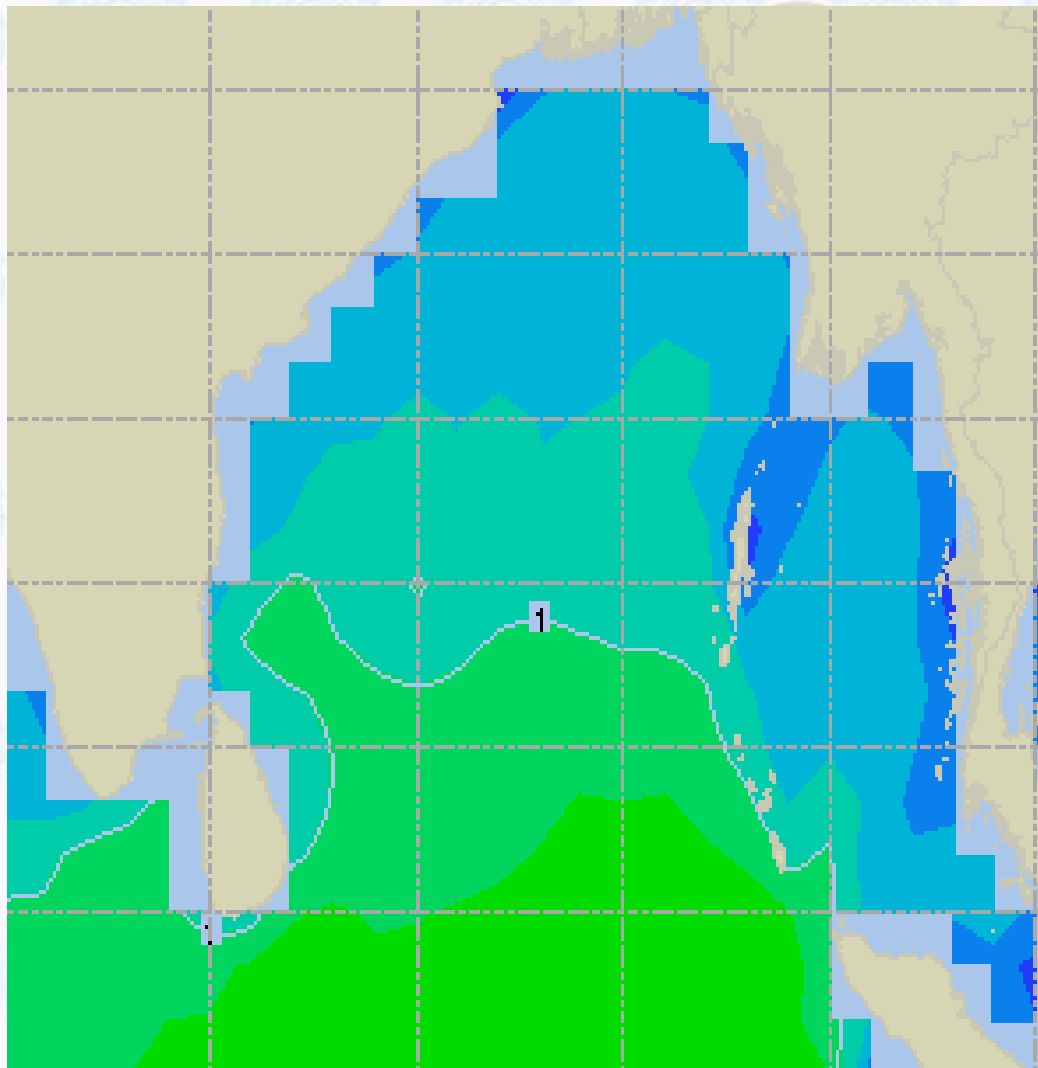
10 Knots



60 Knots



Sea State Forecast- 15 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

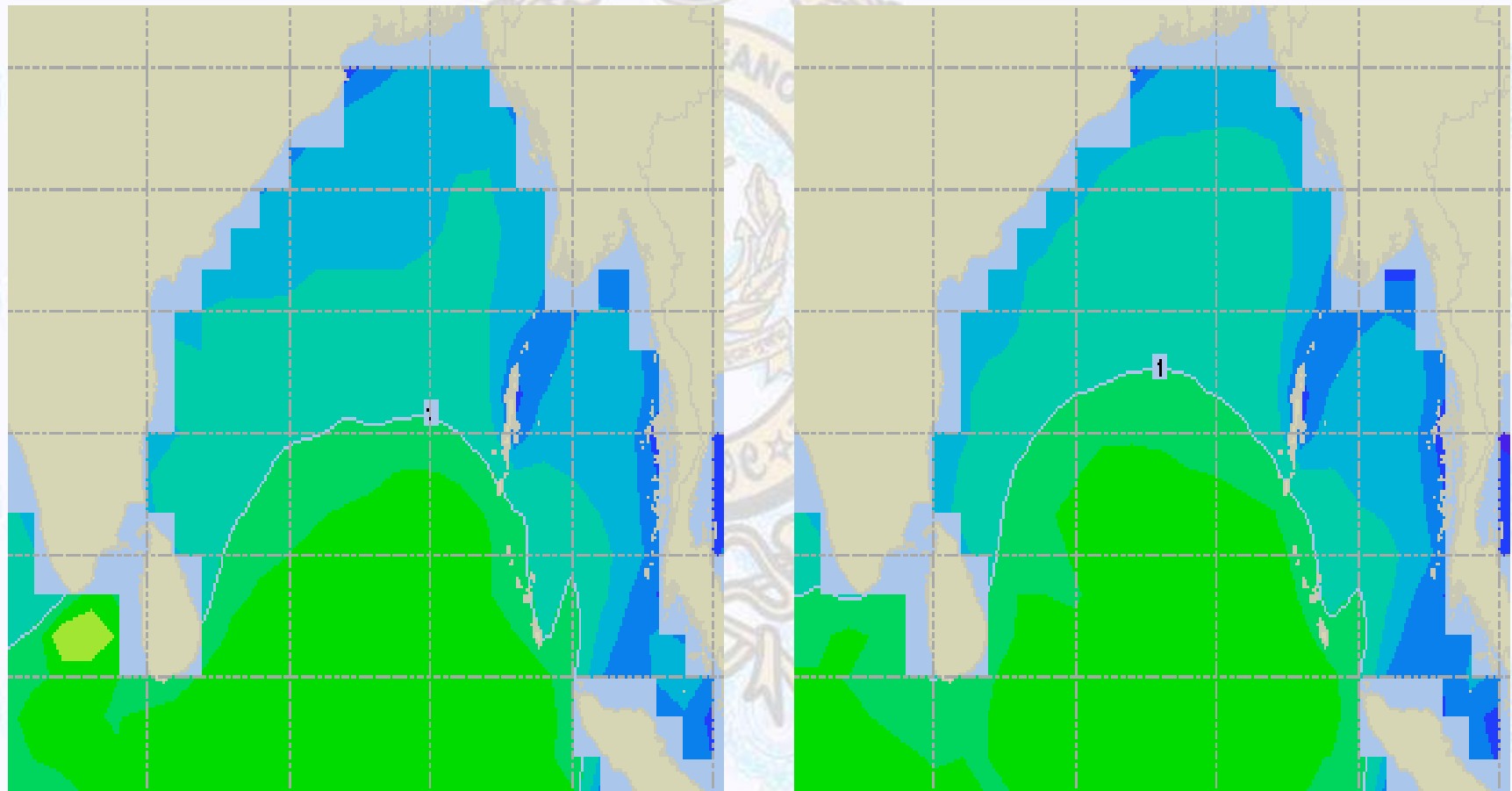




Sea State Forecast – 16 & 17 Jan - 2020

16 Jan 2020 Thursday

17 Jan 2020 Friday

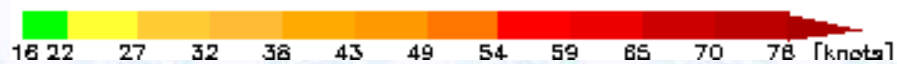
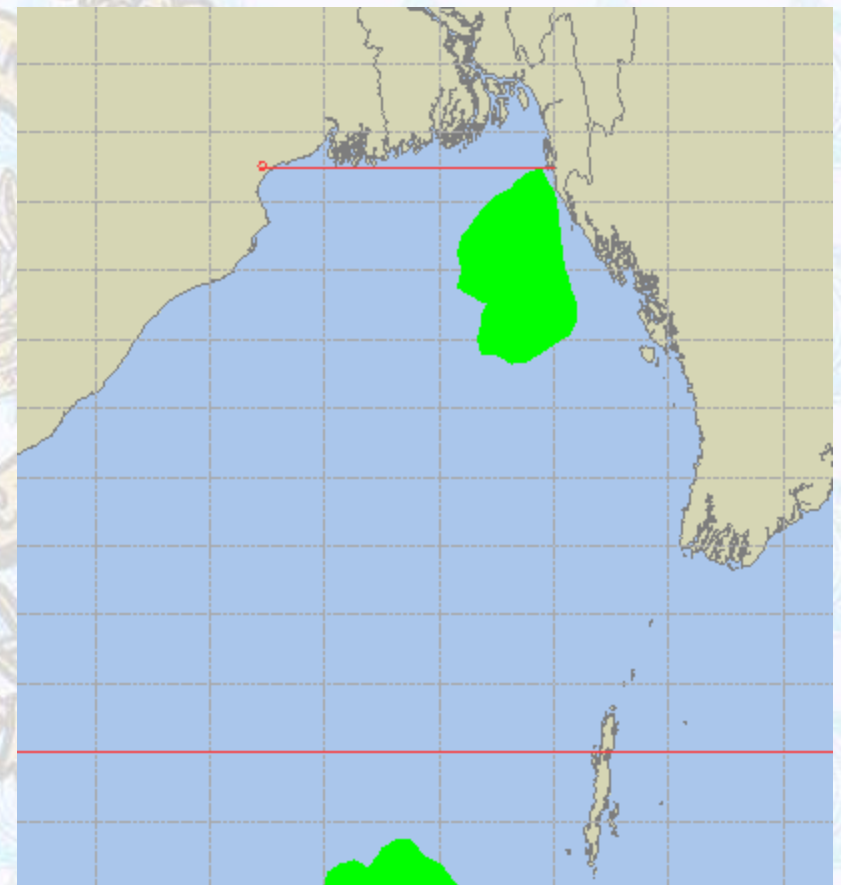
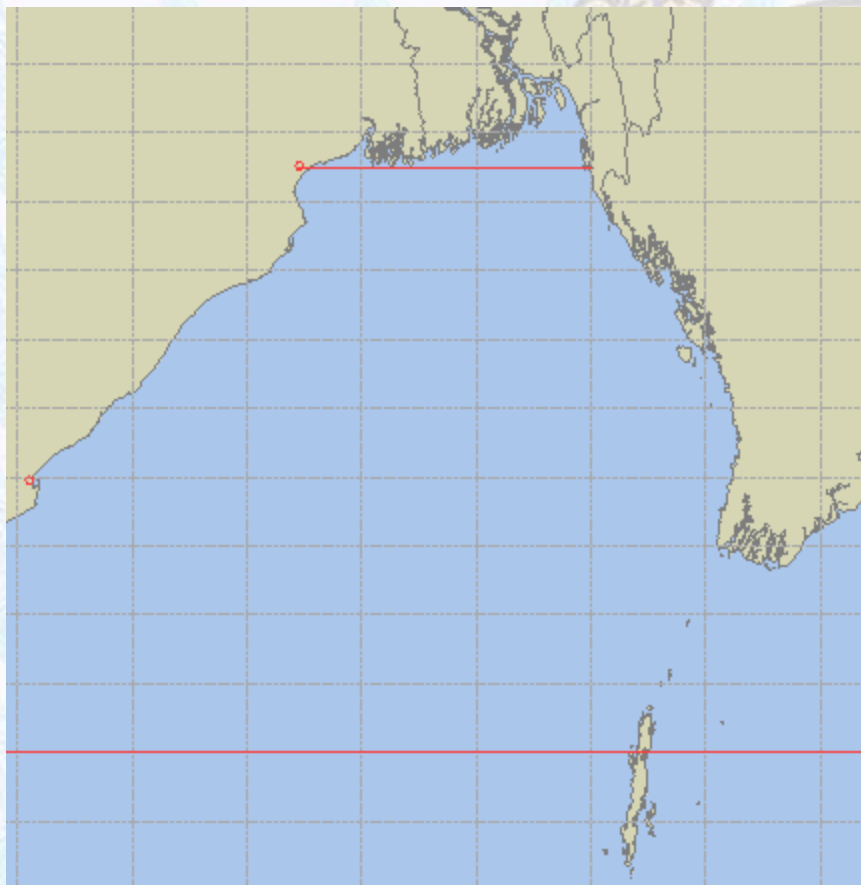




Peak Gusting Possibilities – 15 & 16 Jan - 2020

15 Jan 2020 Wednesday

16 Jan 2020 Thursday

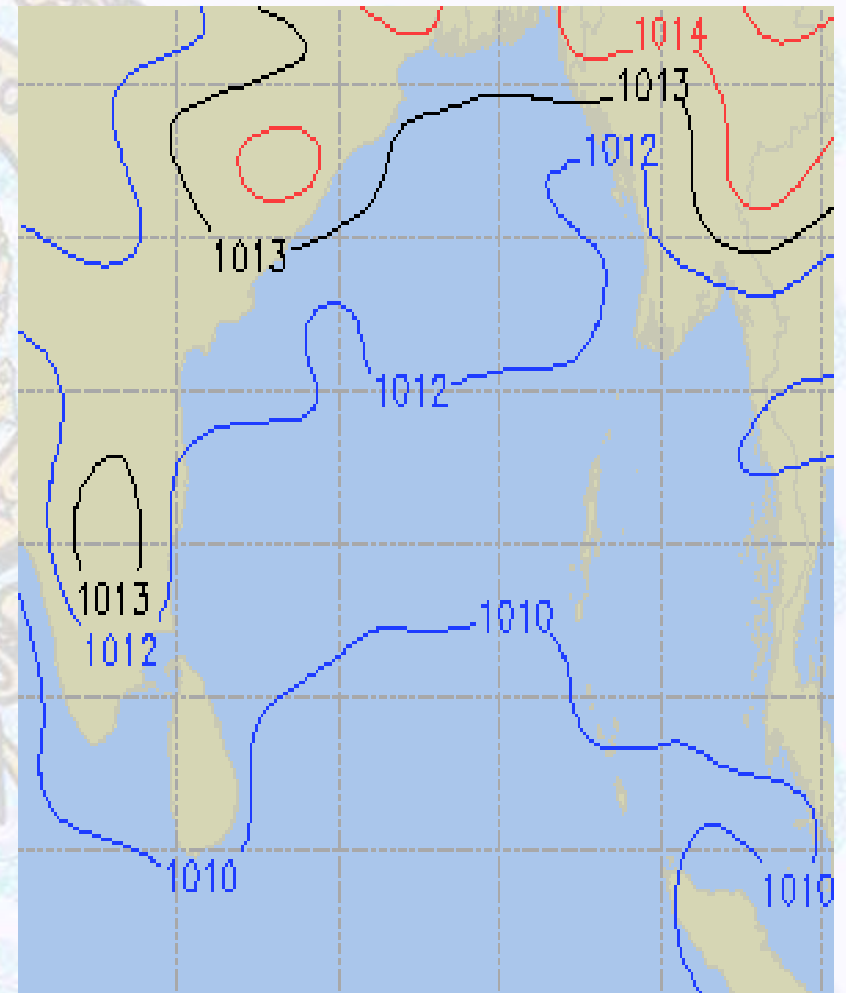
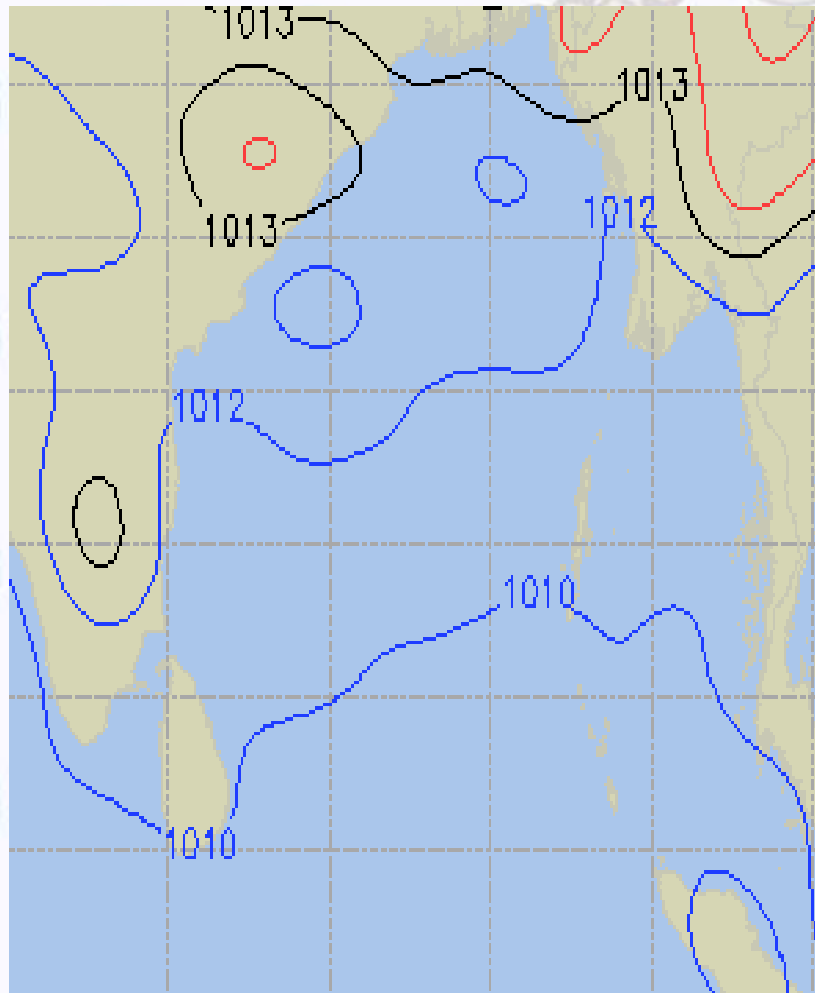




Surface Pressure forecast – 15 & 16 Jan - 2020

15 Jan 2020 Wednesday

16 Jan 2020 Thursday

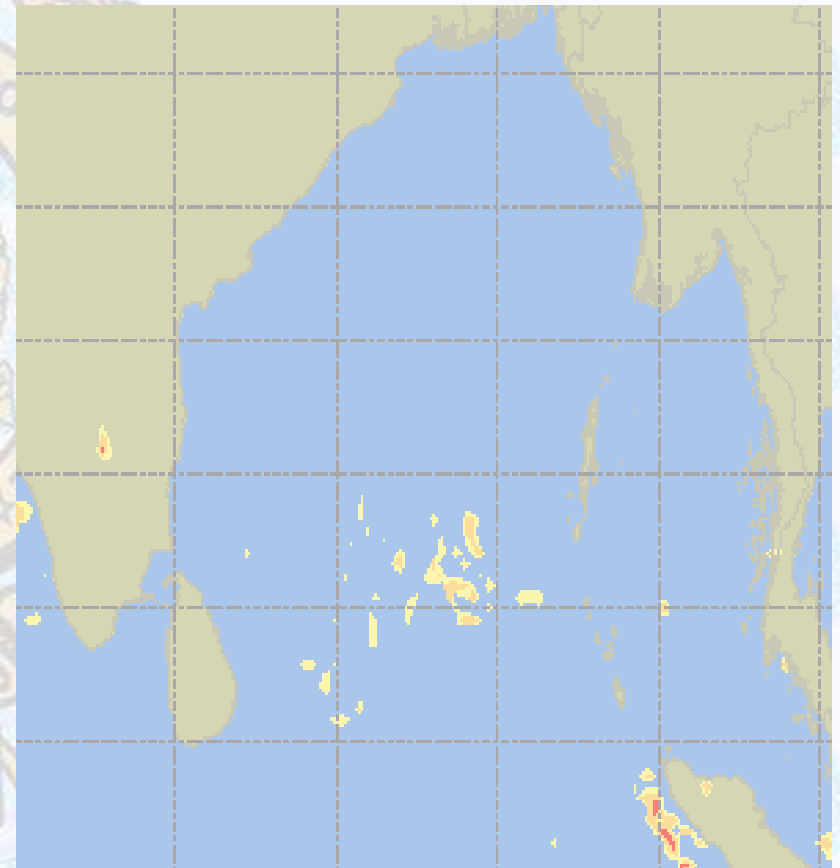
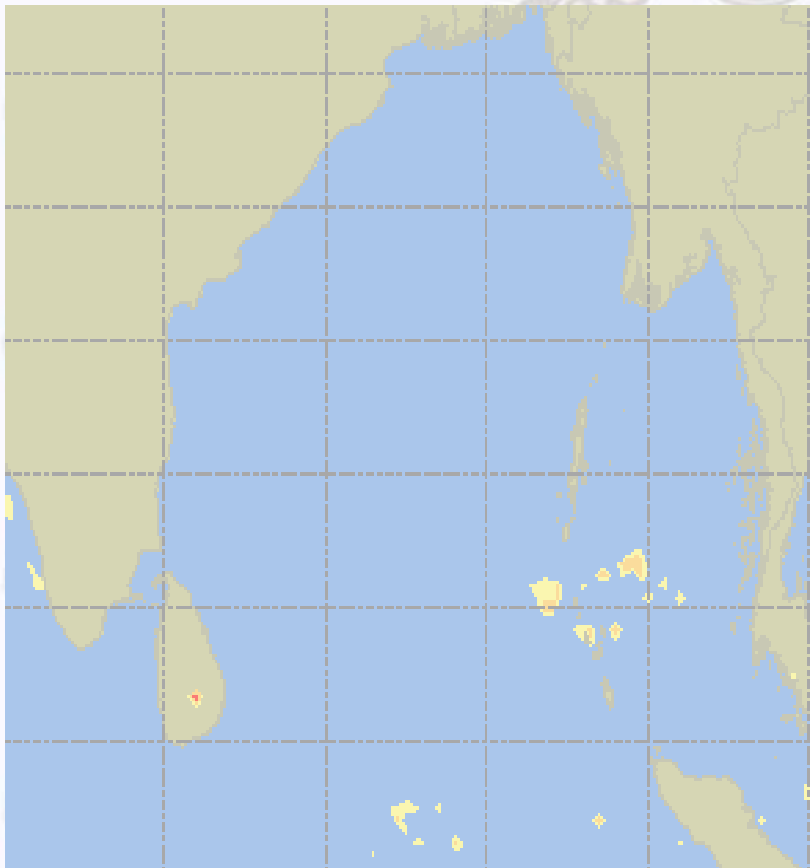




Visibility at Sea Forecast – 15 & 16 Jan - 2020

15 Jan 2020 Wednesday

16 Jan 2020 Thursday



Visibility Scale:



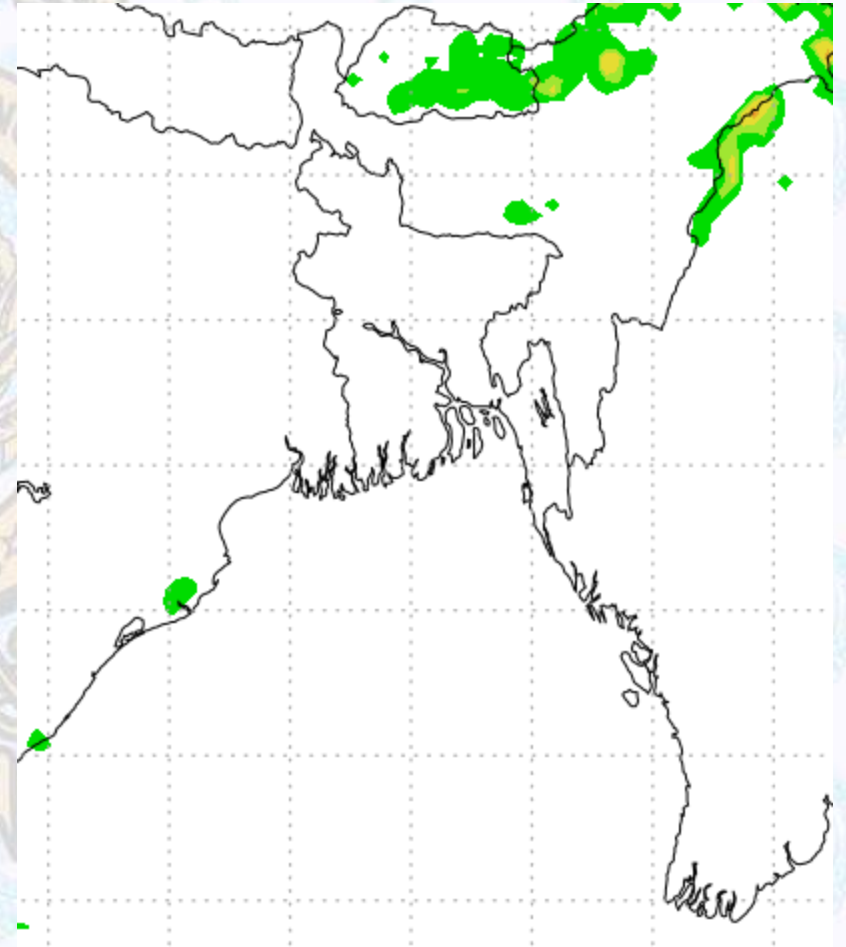
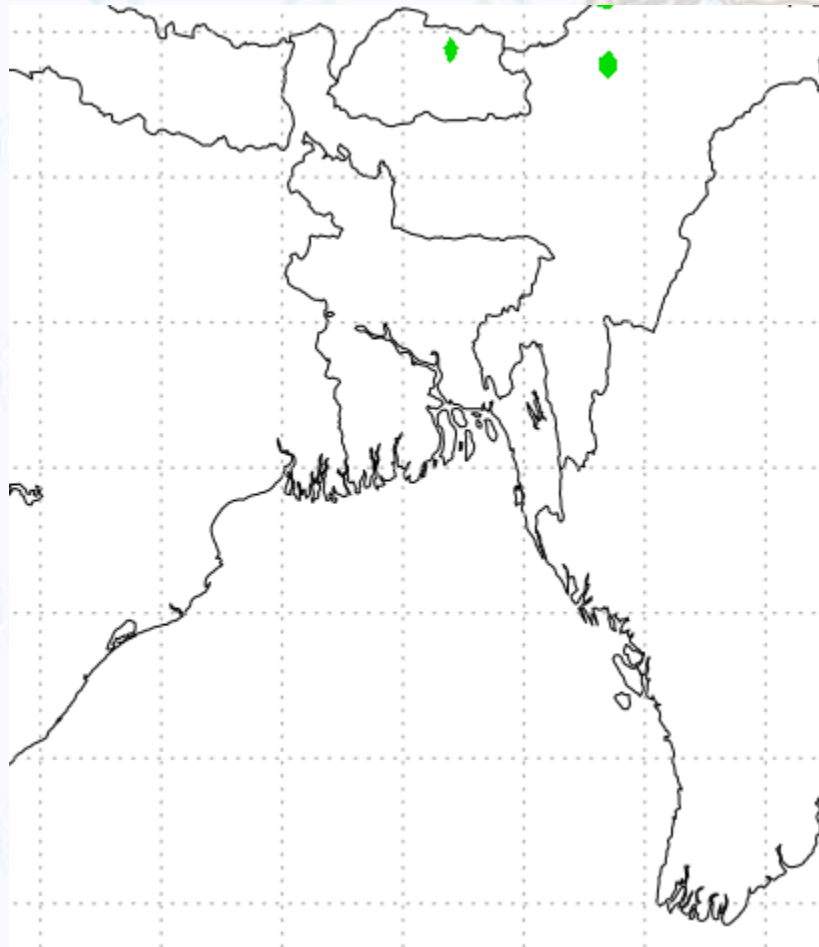
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 15 & 16 Jan 20

Rain(mm) 16 & 17 Jan 20



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
	15Jan 2020	0337		4.35			0127	3.39
	1034	0.38		0807	0.36		0802	0.44
	1618	3.96		1349	2.96		1402	2.60
	2245	0.65		2022	0.43		2009	0.62
	Time	Height		Time	Height		Time	Height
	16Jan 2020	0433		4.15			0214	3.18
	1123	0.42		0852	0.45		0846	0.52
	1709	3.88		1441	2.82		1453	2.54
	2344	0.78		2113	0.55		2100	0.79
	Time	Height		Time	Height		Time	Height
	17Jan 2020	0537		3.88			0306	2.94
	1221	0.53		0943	0.57		0935	0.64
	1829	3.80		1538	2.68		1551	2.45
	-	-		2210	0.68		2200	0.96