



WEATHER FORECAST FOR BN

13 - 16 JAN 2020





WEATHERFORECAST – DHAKA

13.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	21 / 15	22 / 15	18 / 14	16 / 13
Wind	8 km/h W	9 km/h W	5 km/h WNW	5km/h WNW
Humidity	67%	64%	79%	84%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	74%	8%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 44 AM 5: 31 PM			

Conditions

Pressure : 1012 hpa

Visibility : 1.21 km

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



WEATHER FORECAST – CHATTOGRAM

13.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	21 / 16	21 / 16	19 / 16	18 / 16
Wind	6 km/h W	11 km/h W	6 km/h WNW	4 km/h NNW
Humidity	72%	73%	82%	88%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	52%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 35 AM 5: 28 PM			

Conditions

Pressure : 1012 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

13.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	22 / 12	22 / 12	17 / 15	15 / 12
Wind	11 km/h WNW	9 km/h WNW	4 km/h NW	4 km/h NNW
Humidity	53%	53%	75%	84%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 45 AM 5: 38 PM			

Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	14 Jan 2020	15 Jan 2020	16 Jan 2020
Temperature (C)	24°C/ 14°C	25°C/ 15°C	26°C/ 15°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h43m36s/17h31.m36s	6h43m24s/17h32.m18s	6h43m24s/17h33m00s
Day Length	10h48m00s	10h48m54s	10h49m36s
Moon Rise/ Set	9:20PM 9:35AM	10:22PM 10:17AM	11:23PM 10:58AM
Moon Phase/ illu	Waning Gibbous, 83%	Waning Gibbous, 73%	Waning Gibbous, 62%
NauticalTwilight	0550,1823	0550,1824	0550,1825
Civil Twilight	0618,1755	0618,1756	0618,1757
Humidity	D : 75% N : 83%	D : 74% N : 82%	D : 72% N : 82%
Barometer (mb)	1013	1014	1015
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	6 km/h WNW	7 km/h NW	9 km/h NNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	14 Jan 2020	15 Jan 2020	16 Jan 2020
Temperature (C)	24°C/ 14°C	25°C/ 15°C	26°C/ 15°C
Summary	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
Sun Rise/Set	6h35m00s/17h28m48s	6h34m54s/17h29m24s	6h34m54s/17h30m00s
Day Length	10h53m48s	10h54m30s	10h55m06s
Moon Rise/ Set	9:15PM 9:27AM	10:17PM 10:10AM	11:17PM 10:52AM
Moon Phase/ illu	Waning Gibbous, 83%	Waning Gibbous, 73%	Waning Gibbous, 62%
NauticalTwilight	0542, 1820	0542, 1820	0543, 1821
Civil Twilight	0610.,1752	0610.,1753	0610.,1754
Humidity	D : 80% N : 91%	D : 78% N : 90%	D : 74% N : 88%
Barometer (mb)	1013	1015	1015
Visibility	Moderate	Moderate	Moderate
Precip Chance	10%	10%	10%
Wind (mph)	10 km/h WNW	9 km/h NNW	10 km/h NNW

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



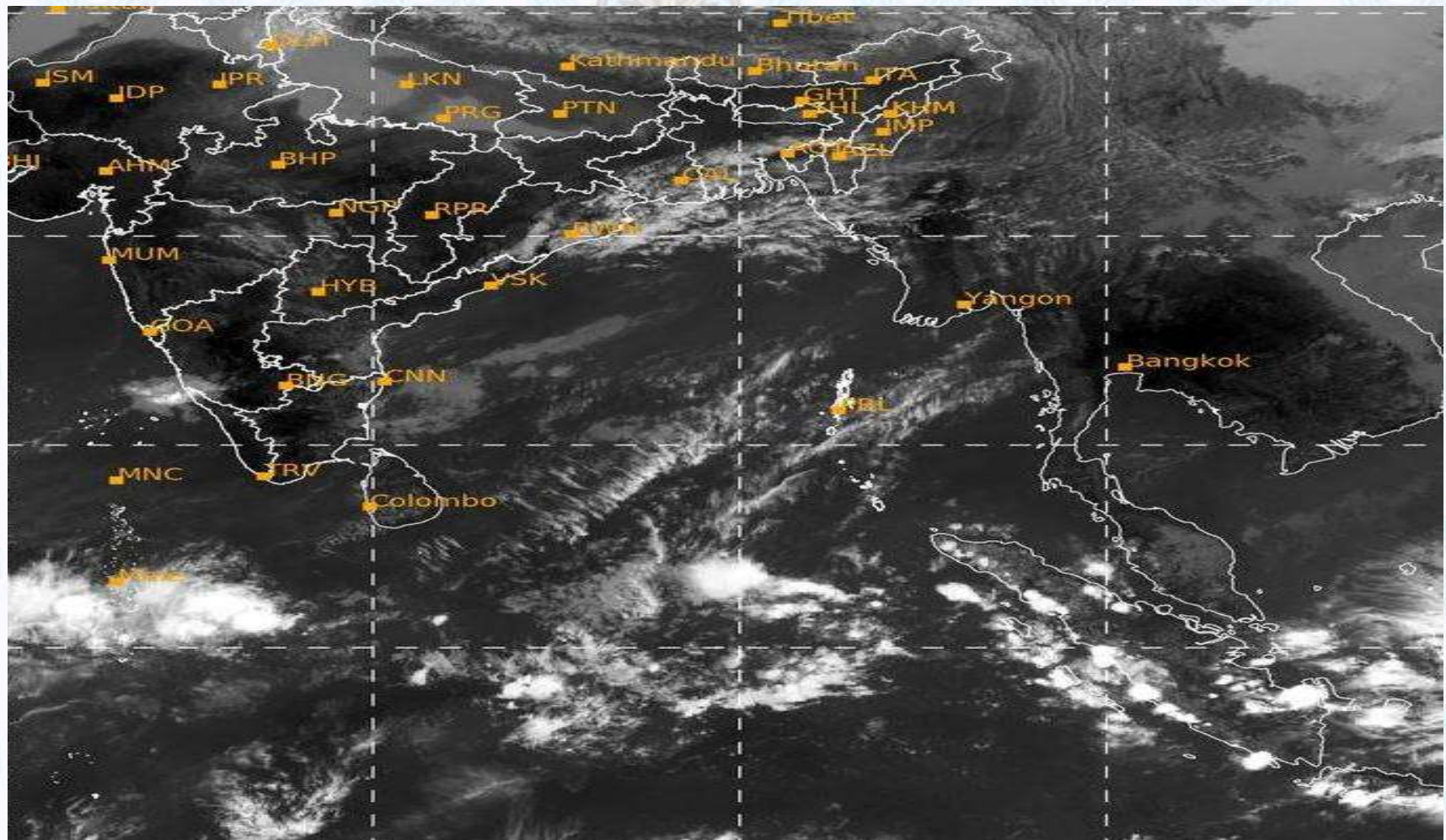
GENERAL WEATHER FORECAST – KHULNA

Description	14 Jan 2020	15 Jan 2020	16 Jan 2020
Temperature(C)	24°C/ 13°C	25°C/ 14°C	26°C/ 14°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h45m06s/17h36m54s	6h45m00s/17h37m36s	6h45m00s/17h38m12s
Day Length	10h51m48s	10h52m36s	10h53m12s
Moon Rise/Set	9:26PM 9:38AM	10:27PM 10:21AM	11:28PM 11:02AM
Moon Phase/illu	Waning Gibbous, 83%	Waning Gibbous, 73%	Waning Gibbous, 62%
Nautical Twilight	0552, 1828	0552, 1829	0552, 1829
Civil Twilight	0620.,1800	0620.,1801	0620.,1802
Humidity	D : 73% N : 87%	D : 73% N : 86%	D : 73% N : 85%
Barometer (mb)	1013	1014	1015
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	7 km/h NW	7 km/h NW	8 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

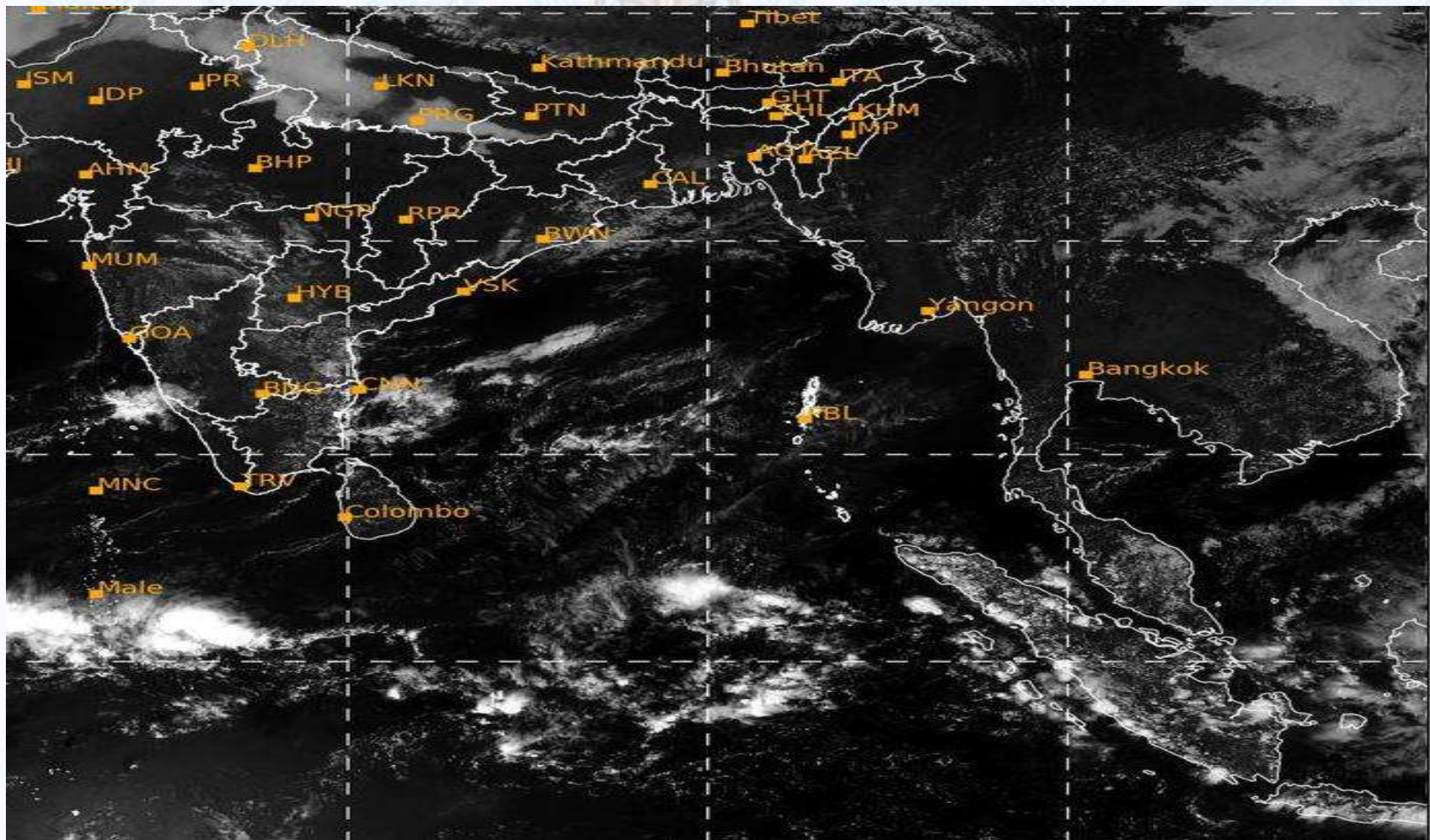


13/01/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



13/01/2020, 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 13.01.2020)

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 =13,0000 UTC. CHATTOGRAM =1014 HPA



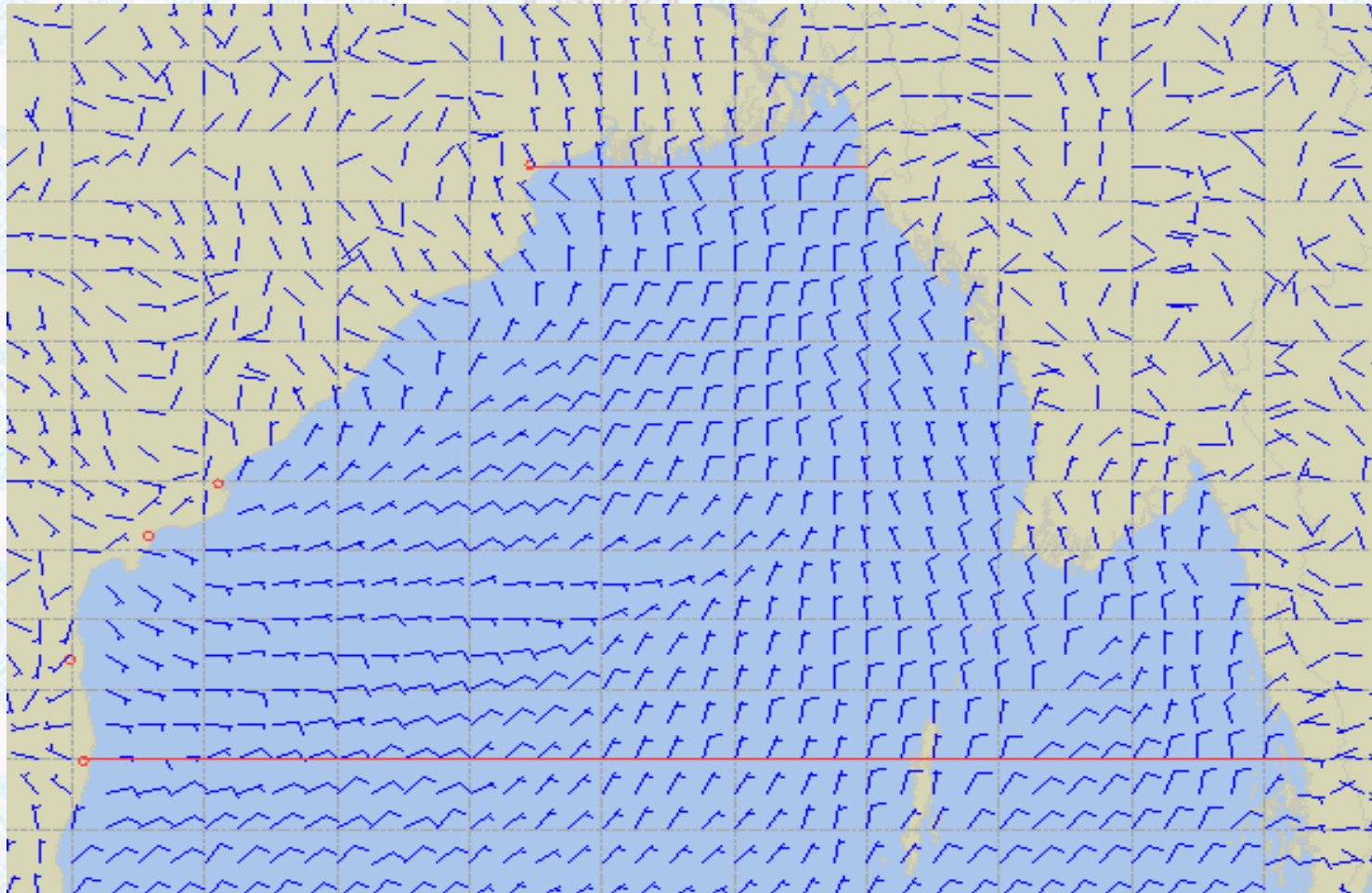
Inland River Port Warning **(VALID TILL 06 PM OF 13.01.2020)**

LIGHT TO MODERATE FOG MAY REDUCE SURFACE VISIBILITY TO 0800 M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 04-05 HOURS COMMENCING 10:00 AM OF 13-01-2020 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



Surface Wind Forecast- 14 Jan- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



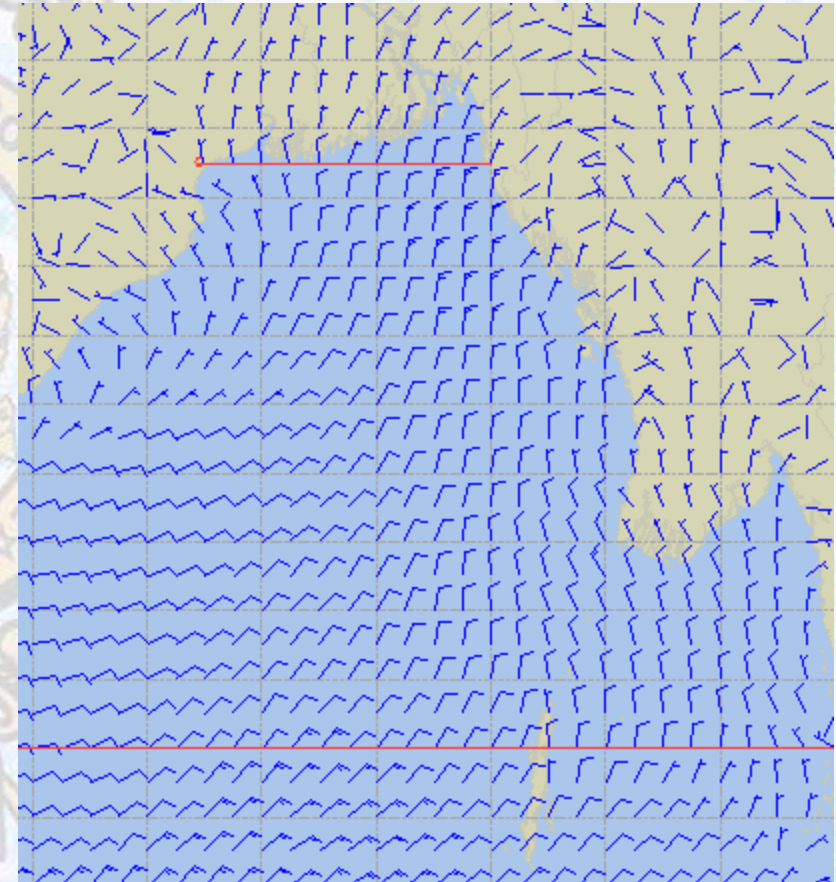
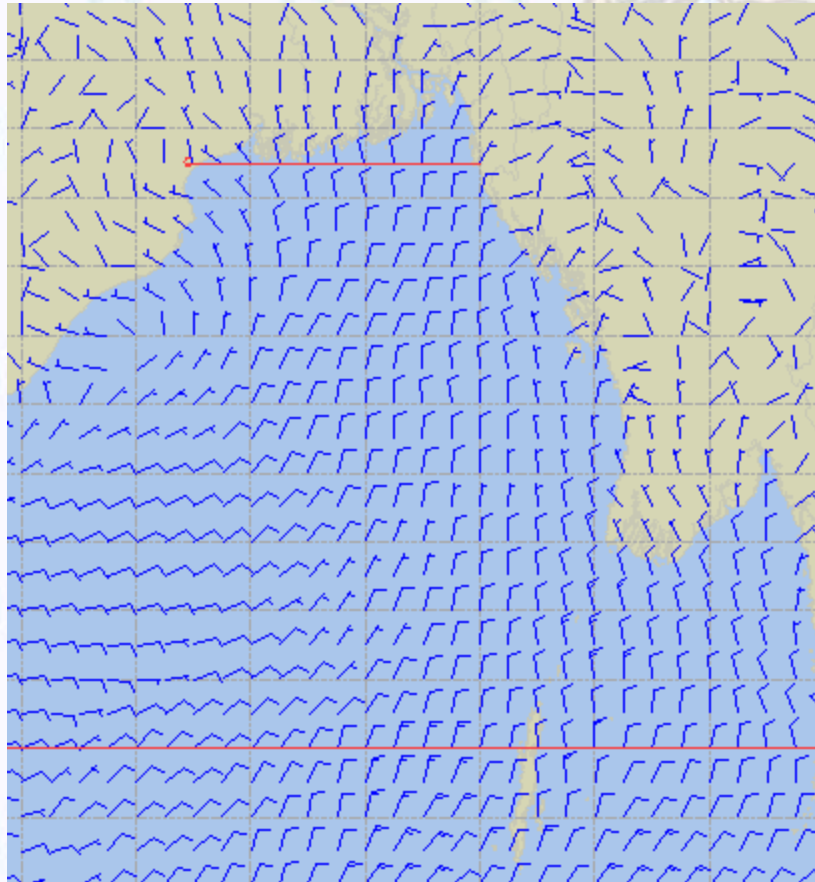
60 Knots



Surface Wind Forecast – 15 & 16 Jan - 2020

15 Jan 2020 Wednesday

16 Jan 2020 Thursday



Legend:



**Calm
Winds**



5 Knots



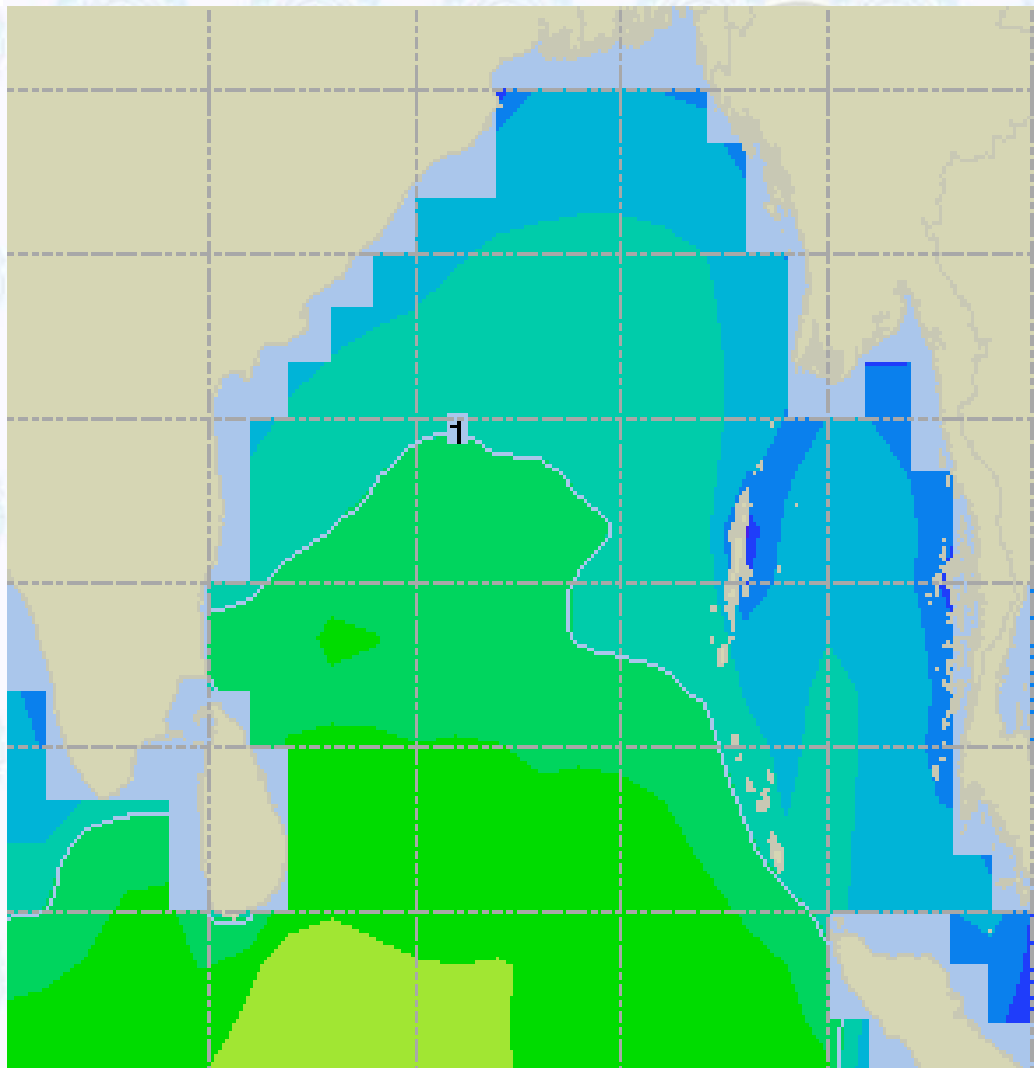
10 Knots



60 Knots



Sea State Forecast- 14 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

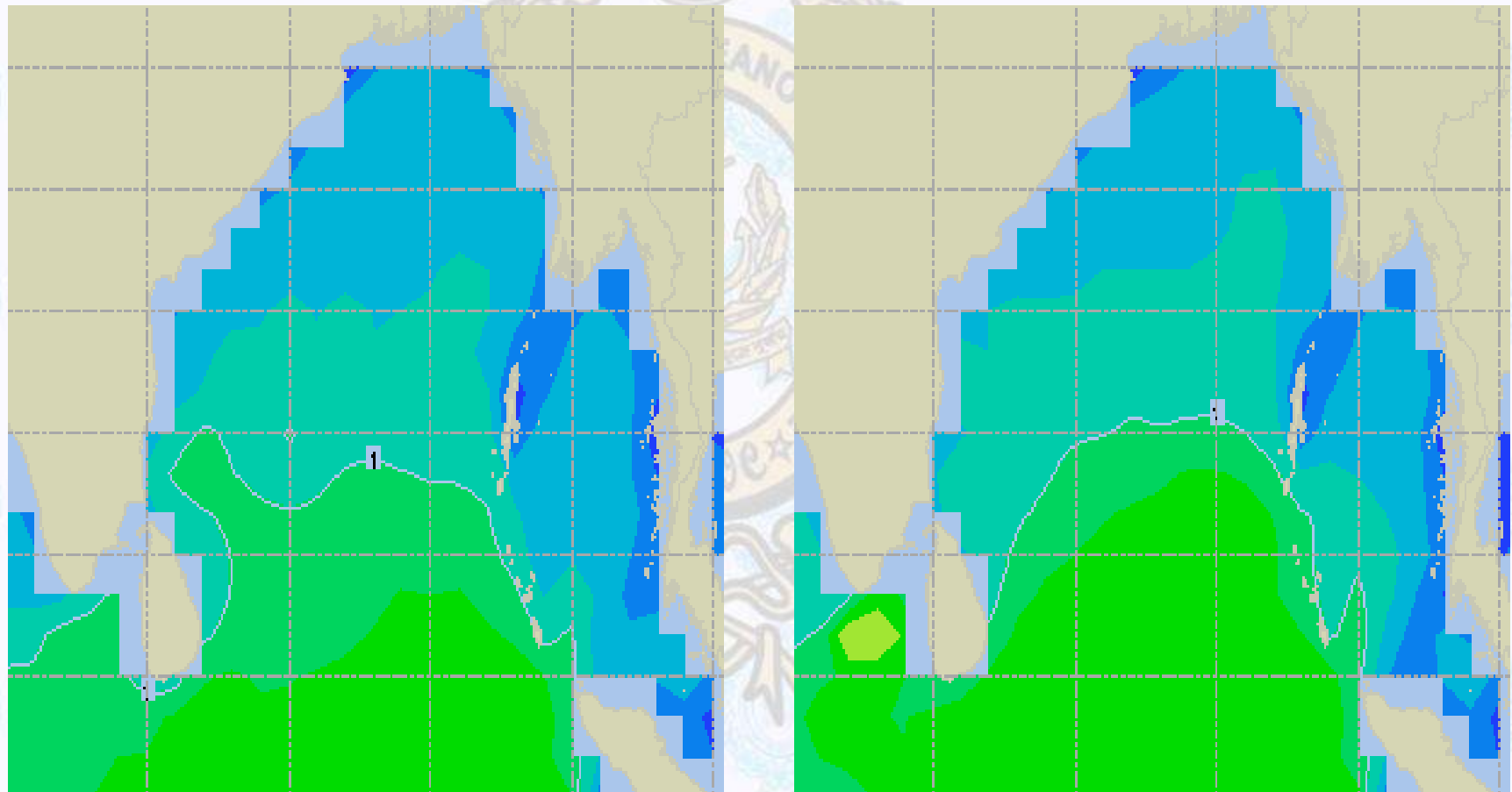




Sea State Forecast – 15 & 16 Jan - 2020

15 Jan 2020 Wednesday

16 Jan 2020 Thursday

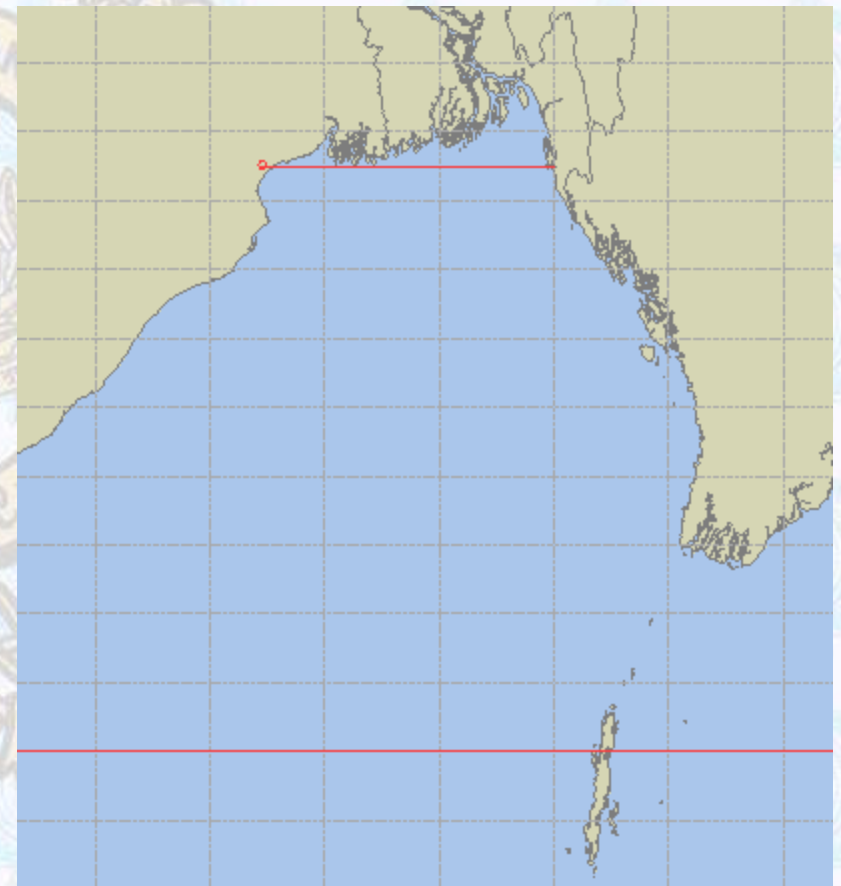
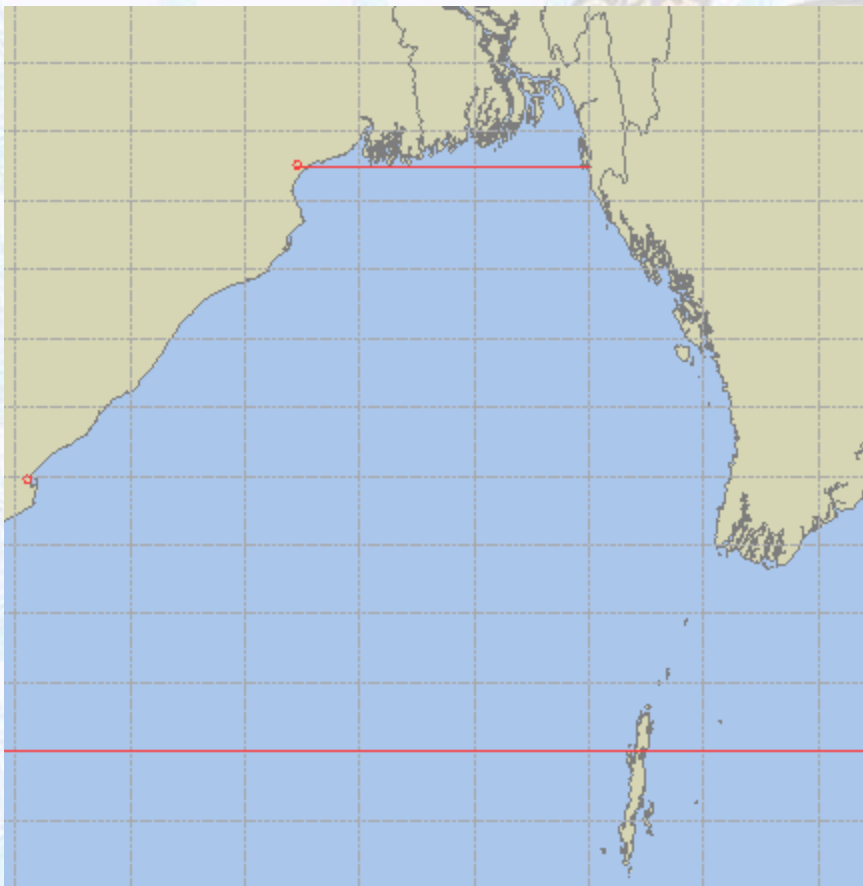




Peak Gusting Possibilities – 14 & 15 Jan - 2020

14 Jan 2020 Tuesday

15 Jan 2020 Wednesday

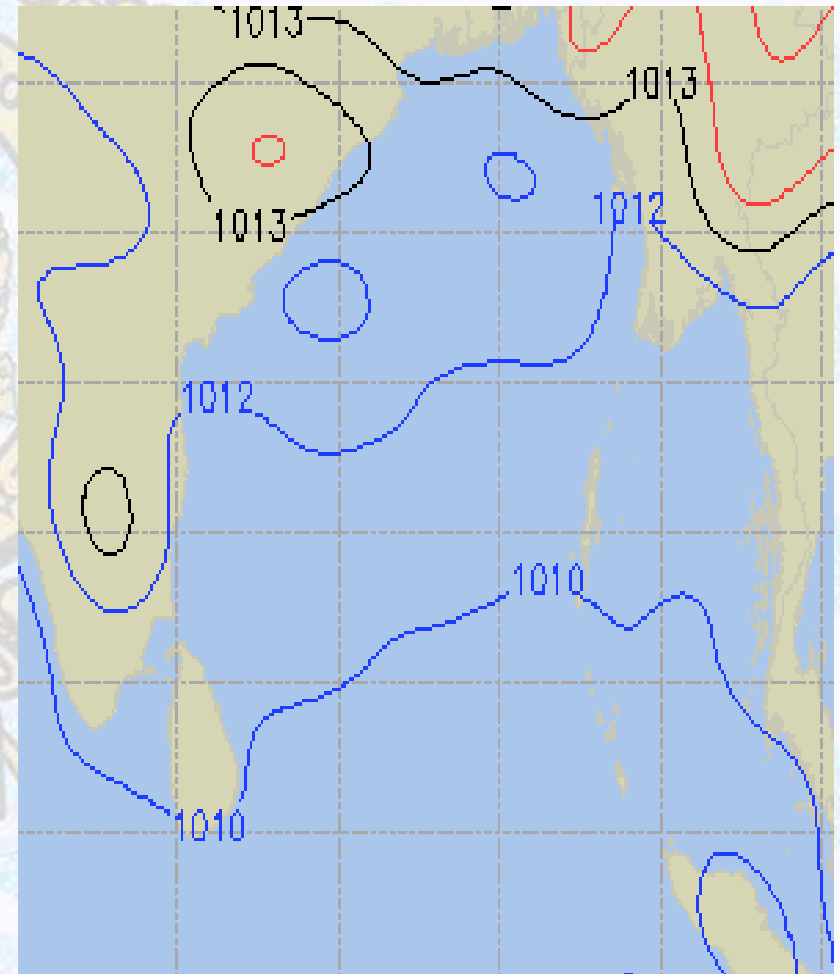
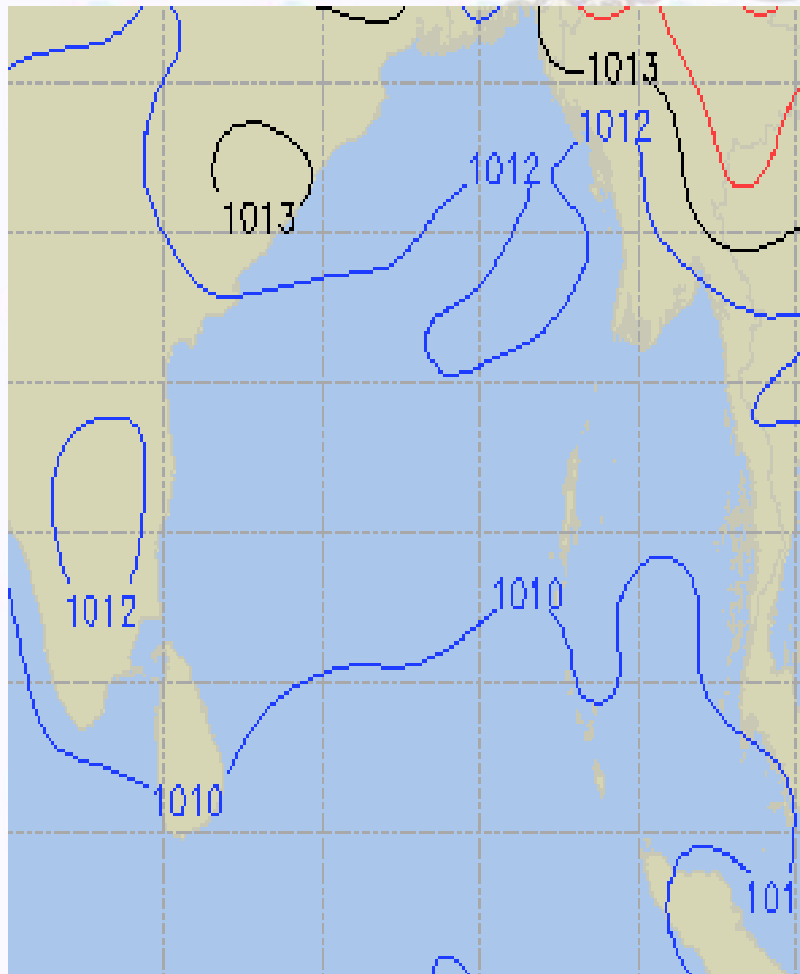




Surface Pressure forecast – 14 & 15 Jan - 2020

14 Jan 2020 Tuesday

15 Jan 2020 Wednesday

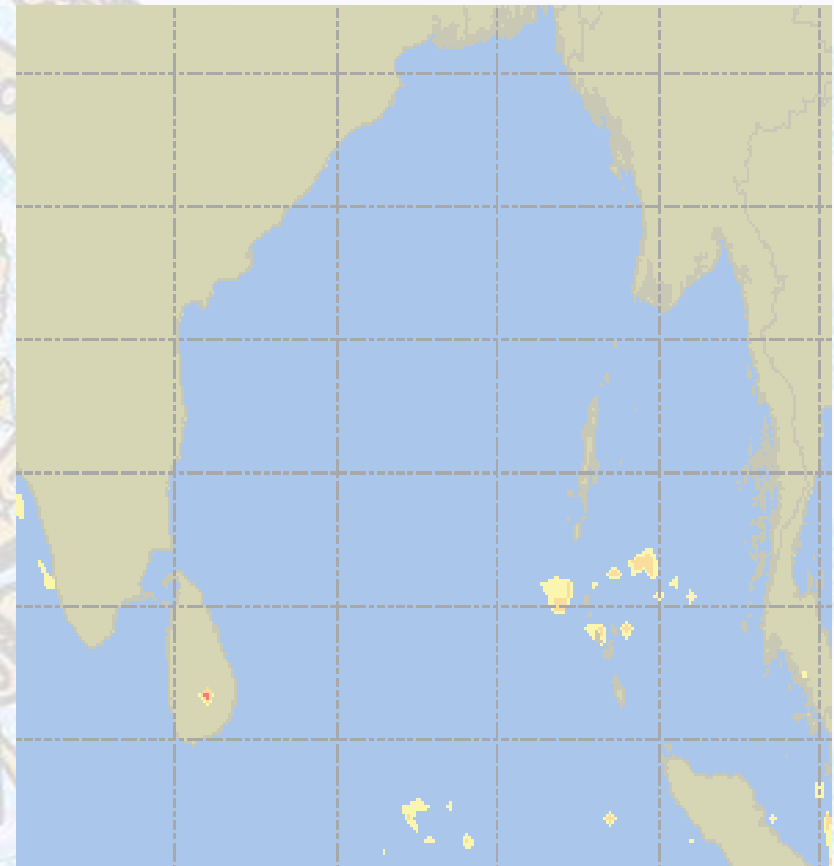
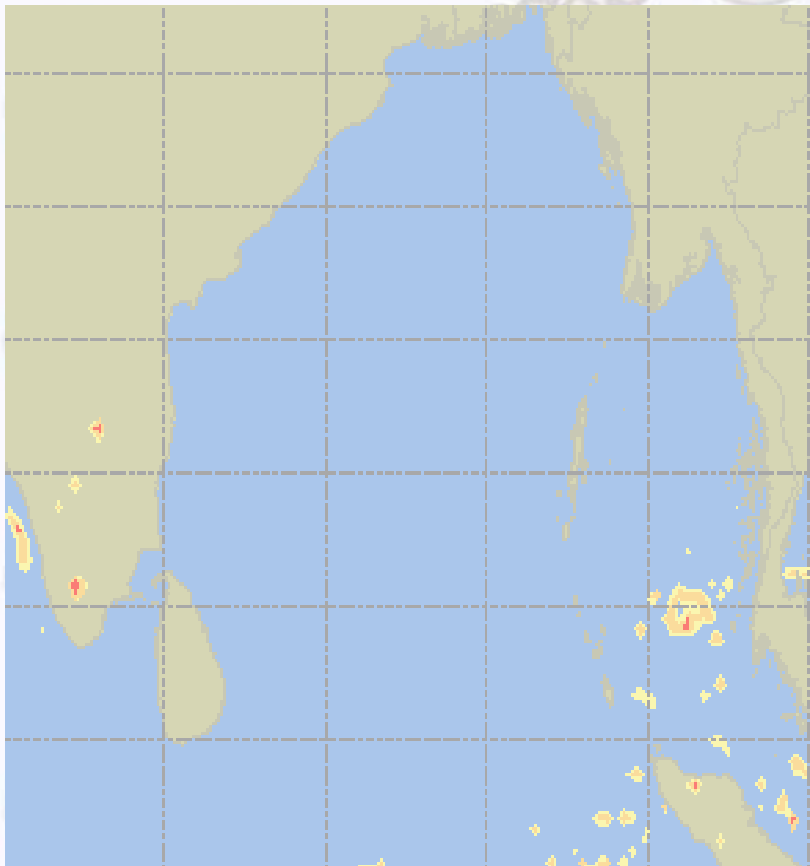




Visibility at Sea Forecast – 14 & 15 Jan - 2020

14 Jan 2020 Tuesday

15 Jan 2020 Wednesday



Visibility Scale:



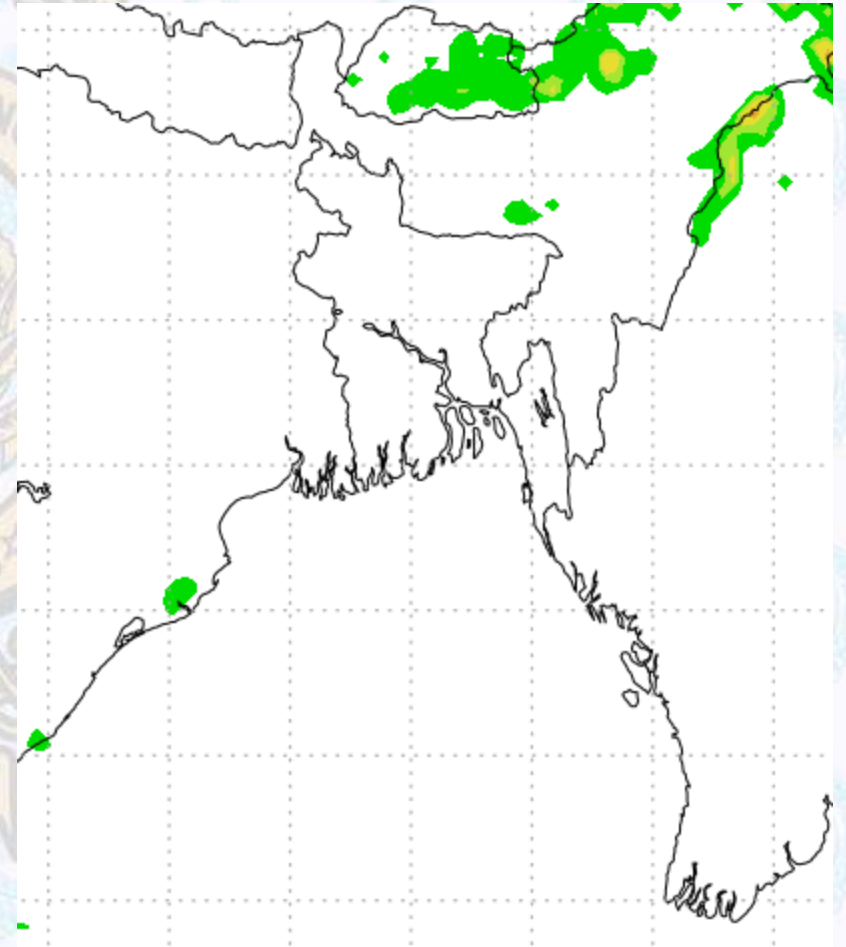
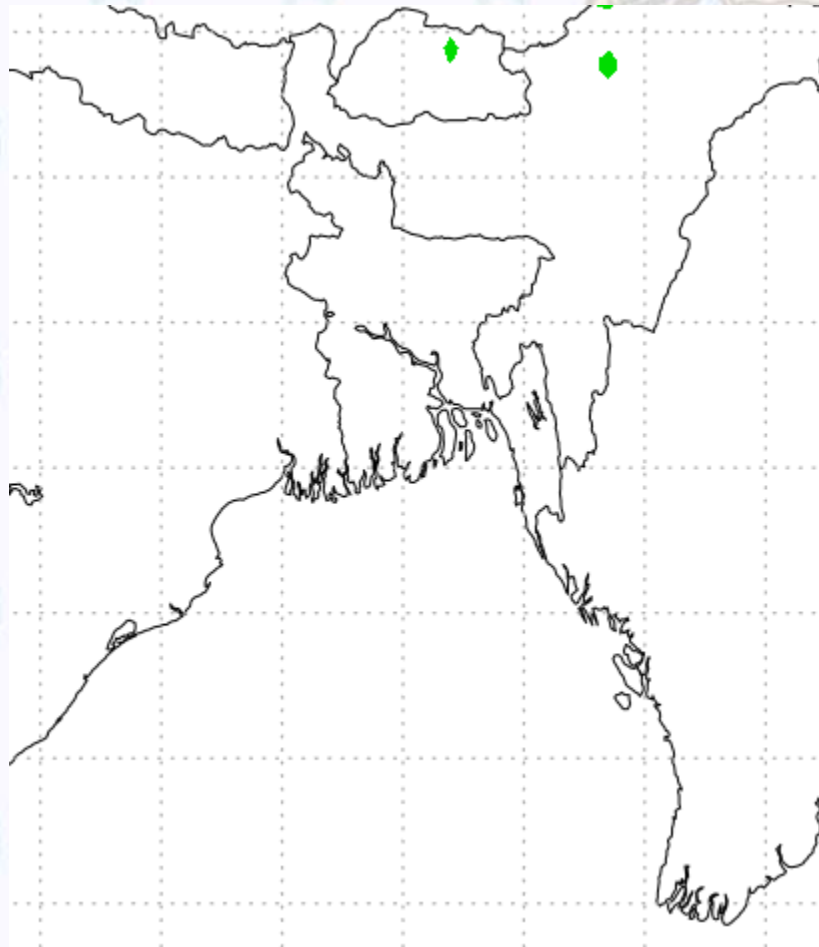
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 14 & 15 Jan 20

Rain(mm) 15 & 16 Jan 20



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
	14Jan 2020	0249		4.45			0044	3.52
	0949	0.41		0725	0.31		0721	0.41
	1525	3.99		1301	3.06		1315	2.65
	2154	0.56		1937	0.33		1923	0.49
	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