



WEATHER FORECAST FOR BN

11 - 14 JAN 2020





WEATHERFORECAST – DHAKA

11.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	21 / 14	22 / 13	18 / 13	17 / 13
Wind	14 km/h NW	13 km/h NW	9 km/h NW	9km/h NW
Humidity	63%	69%	74%	80%
Chance of Precip	1%	1%	3%	5%
Cloud Cover	59%	11%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 43 AM 3: 30 PM			

Conditions

Pressure : 1018 hpa

Visibility : 1.21 km

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



WEATHER FORECAST – CHATTOGRAM

11.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 13	22 / 13	20 / 14	18 / 18
Wind	16 km/h NW	15 km/h NW	13 km/h NW	13 km/h NNW
Humidity	58%	57%	72%	80%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 35 AM 5: 27 PM			

Conditions

Pressure : 1017 hpa

Visibility : 3.22 Km

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



WEATHER FORECAST – KHULNA

11.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	20 / 13	21 / 13	16 / 13	15 / 12
Wind	14 km/h NNW	13 km/h NNW	8 km/h NNW	7 km/h NNW
Humidity	61%	60%	79%	86%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	4%	2%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 45 AM 5: 38 PM			

Conditions

Pressure : 1018 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	12 Jan 2020	13 Jan 2020	14 Jan 2020
Temperature (C)	24 °C/ 14 °C	24 °C/ 14 °C	25 °C/ 14 °C
Summary	Partly cloudy/Sunny	Partly cloudy/Sunny	Partly cloudy/Sunny
Sun Rise/Set	6h43m36s/17h30.m12s	6h43m36s/17h30.m54s	6h43m36s/17h31.m36s
Day Length	10h46m36s	10h47m18s	10h48m00s
Moon Rise/ Set	7:11PM 7:57AM	8:16PM 8:48AM	9:20PM 9:35AM
Moon Phase/ illu	Waning Gibbous, 96%	Waning Gibbous, 91%	Waning Gibbous, 83%
NauticalTwilight	0550,1822	0550,1823	0550,1823
Civil Twilight	0618,1754	0618,1755	0618,1755
Humidity	D : 71% N : 83%	D : 72% N : 82%	D : 73% N : 81%
Barometer (mb)	1015	1013	1012
Visibility	Moderate	Moderate	Moderate
Precip Chance	10%	10%	10%
Wind (mph)	12 km/h NW	8 km/h WNW	5 km/h WNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	12 Jan 2020	13 Jan 2020	14 Jan 2020
Temperature (C)	23 °C/ 15 °C	22 °C/ 15 °C	23 °C/ 15 °C
Summary	Partly cloudy/Sunny	Partly cloudy/Sunny	Partly cloudy/Sunny
Sun Rise/Set	6h35m00s/17h27m300s	6h35m00s/17h28m12s	6h35m00s/17h28m48s
Day Length	10h52m30s	10h53m12s	10h53m48s
Moon Rise/ Set	7:08PM 7:49AM	8:12PM 8:40AM	9:15PM 9:27AM
Moon Phase/ illu	Waning Gibbous, 96%	Waning Gibbous, 91%	Waning Gibbous, 83%
NauticalTwilight	0542, 1818	0542, 1819	0542, 1820
Civil Twilight	0610.,1751	0610.,1752	0610.,1752
Humidity	D : 77% N : 87%	D : 80% N : 89%	D : 80% N : 89%
Barometer (mb)	1015	1012	1012
Visibility	Moderate	Moderate	Moderate
Precip Chance	10%	10%	10%
Wind (mph)	13 km/h NW	11 km/h NW	10 km/h NW

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



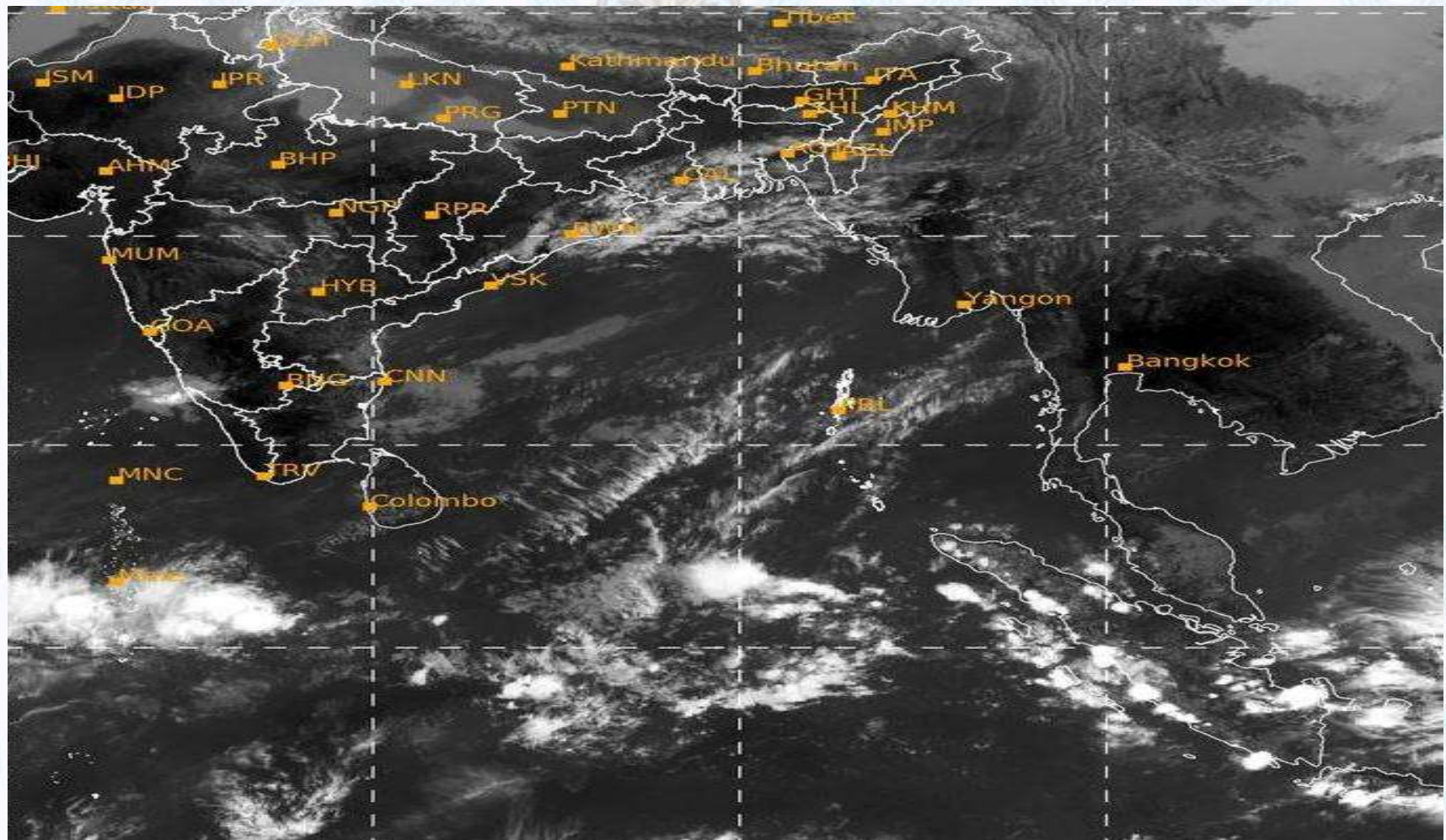
GENERAL WEATHER FORECAST – KHULNA

Description	12 Jan 2020	13 Jan 2020	14 Jan 2020
Temperature(C)	22 °C/ 11 °C	23 °C/ 12 °C	23 °C/ 13 °C
Summary	Partly cloudy/Sunny	Partly cloudy/Sunny	Partly cloudy/Sunny
Sun Rise/Set	6h45m12s/17h35m36s	6h45m12s/17h36m18s	6h45m06s/17h36m54s
Day Length	10h50m24s	10h51m206s	10h51m48s
Moon Rise/Set	7:18PM 7:59AM	8:22PM 8:51AM	9:26PM 9:38AM
Moon Phase/illu	Waning Gibbous, 96%	Waning Gibbous, 91%	Waning Gibbous, 83%
Nautical Twilight	0552, 1827	0552, 1827	0552, 1828
Civil Twilight	0620.,1759	0620.,1800	0620.,1800
Humidity	D : 72% N : 86%	D : 69% N : 85%	D : 81% N : 88%
Barometer (mb)	1016	1013	1012
Visibility	Moderate	Moderate	Moderate
Precip Chance	10%	10%	10%
Wind (mph)	14 km/h NNW	10 km/h NW	8 km/h NW

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



SATELLITE VIEW OF BAY OF BENGAL

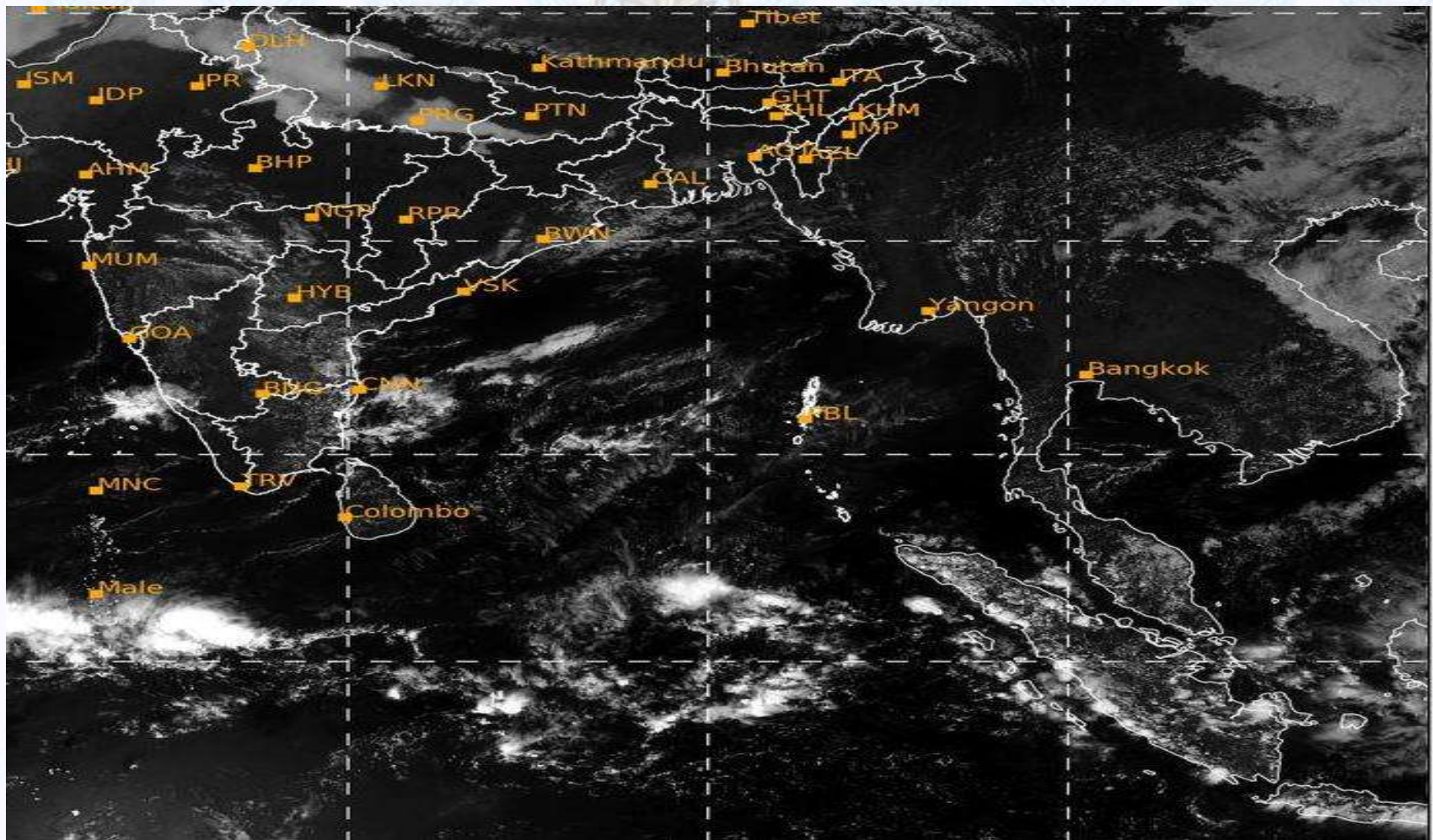


11/01/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



11/01/2020, 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 11.01.2020)

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-EASTERLY, 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 =11,0000 UTC. CHATTOGRAM =1017 HPA



Inland River Port Warning (VALID TILL 06 PM OF 11.01.2020)

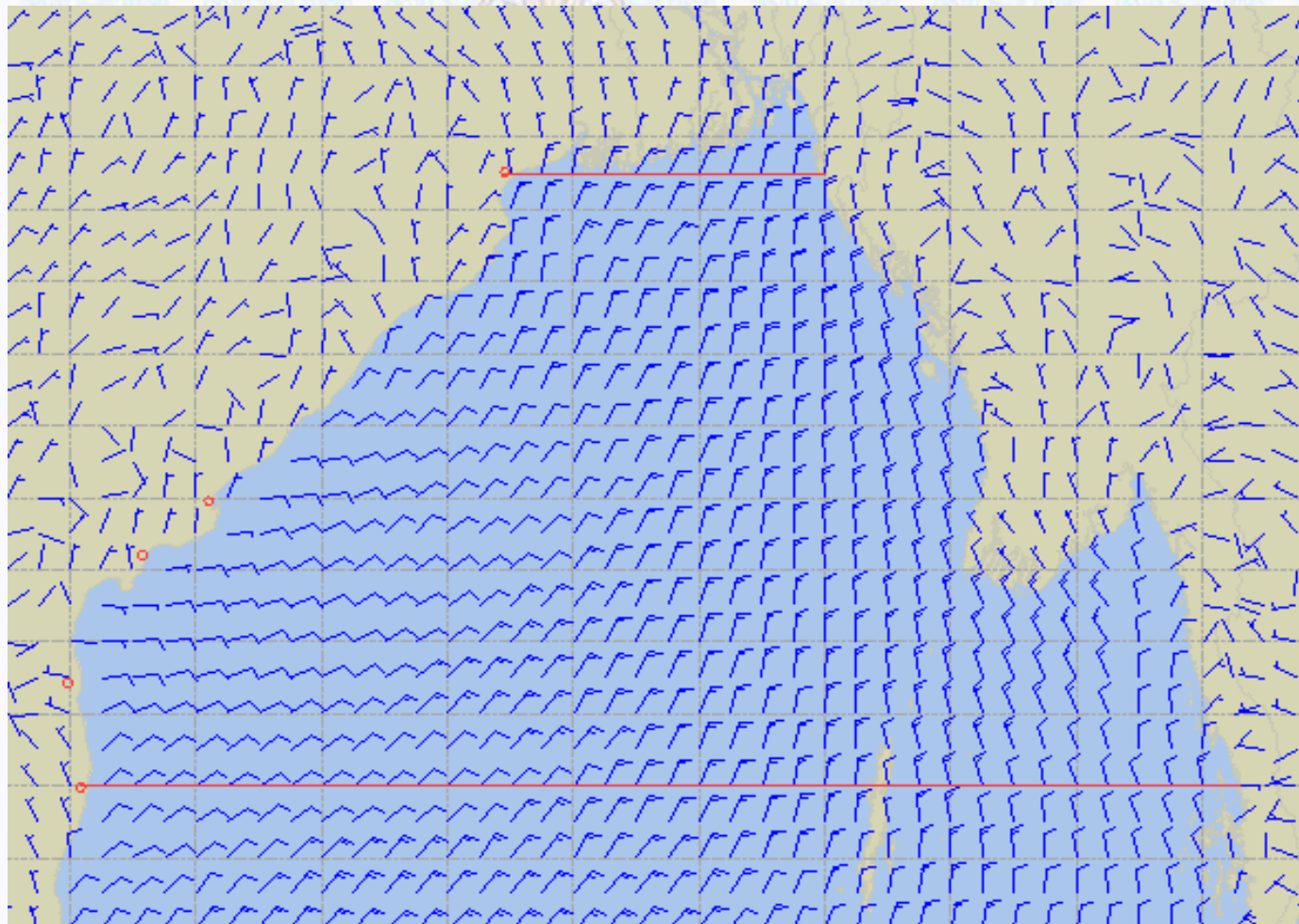
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 12 Jan- 2020



Legend:



Calm
Winds



5 Knots



10 Knots



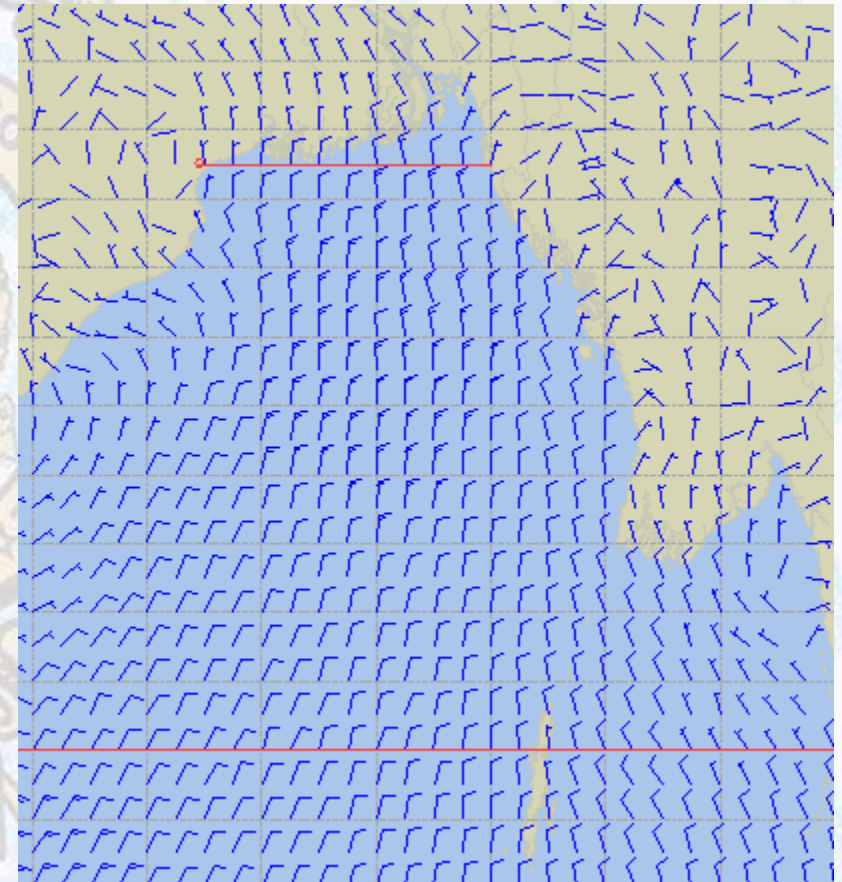
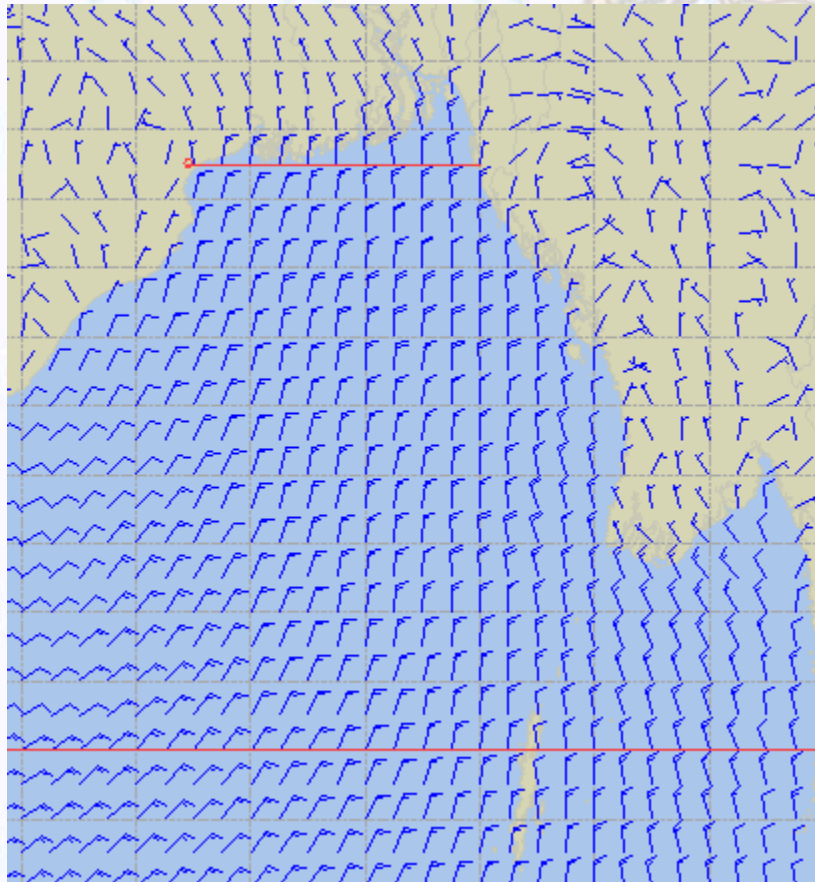
60 Knots



Surface Wind Forecast – 13 & 14 Jan - 2020

13 Jan 2020 Monday

14 Jan 2020 Tuesday



Legend:



**Calm
Winds**



5 Knots



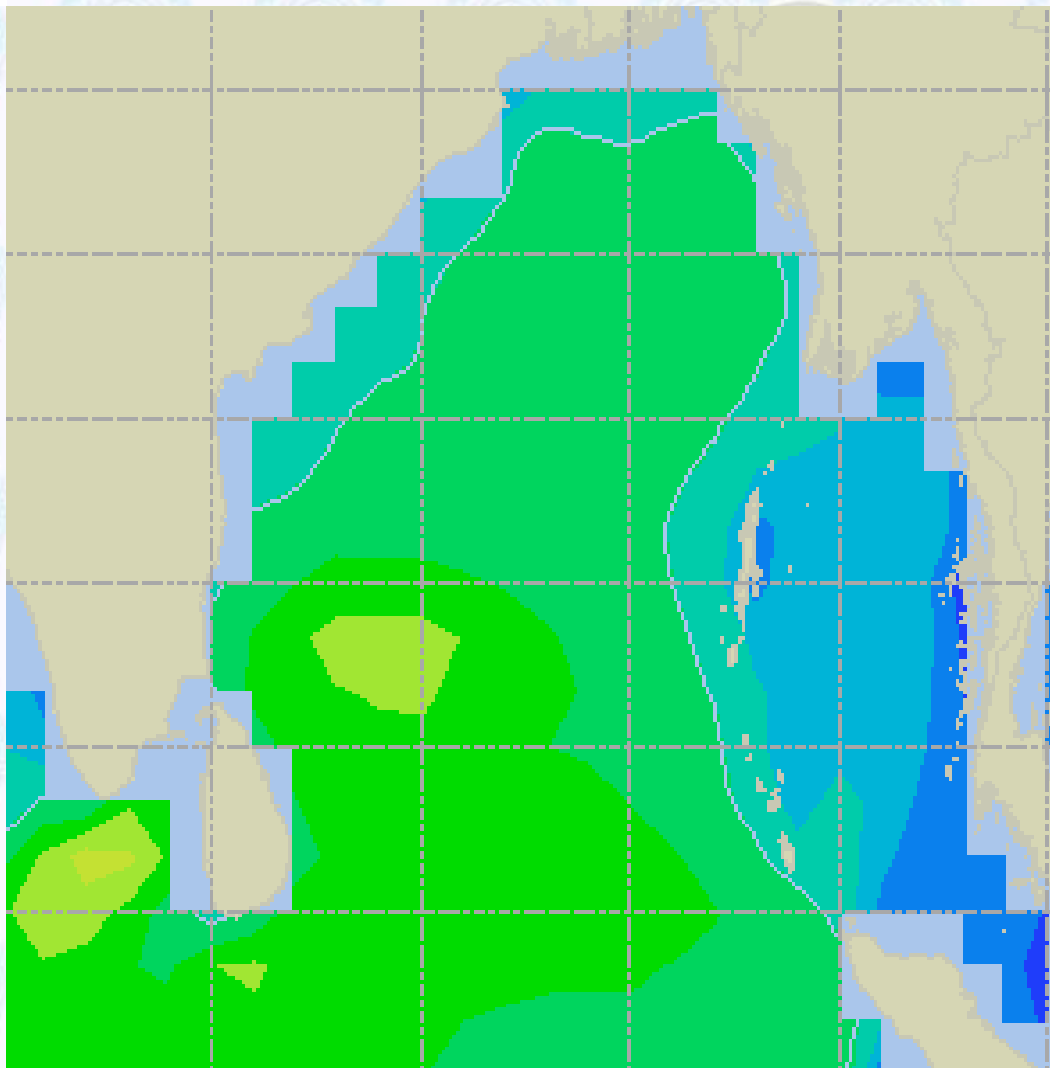
10 Knots



60 Knots



Sea State Forecast- 12 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

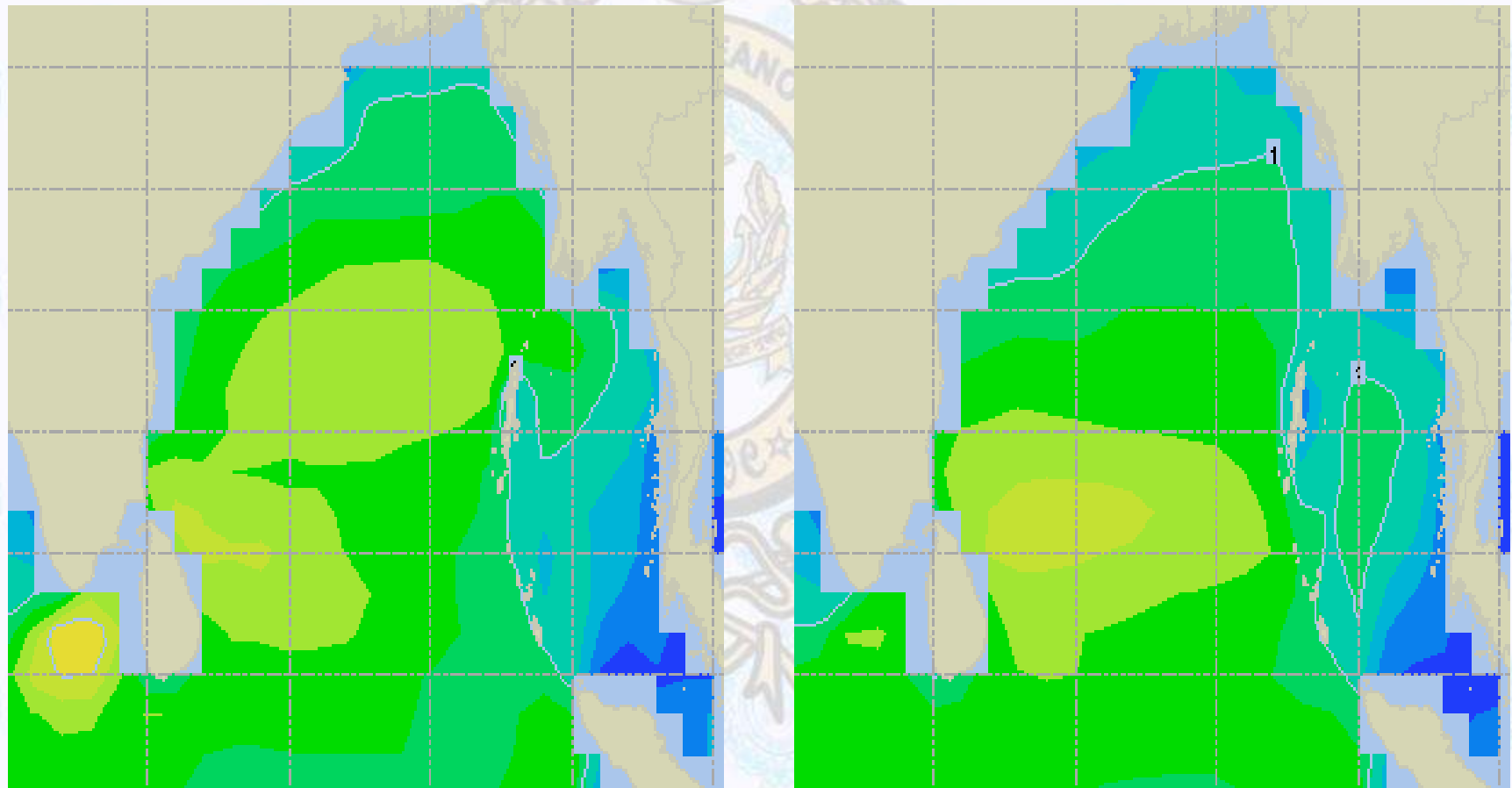




Sea State Forecast – 13 & 14 Jan - 2020

13 Jan 2020 Monday

14 Jan 2020 Tuesday

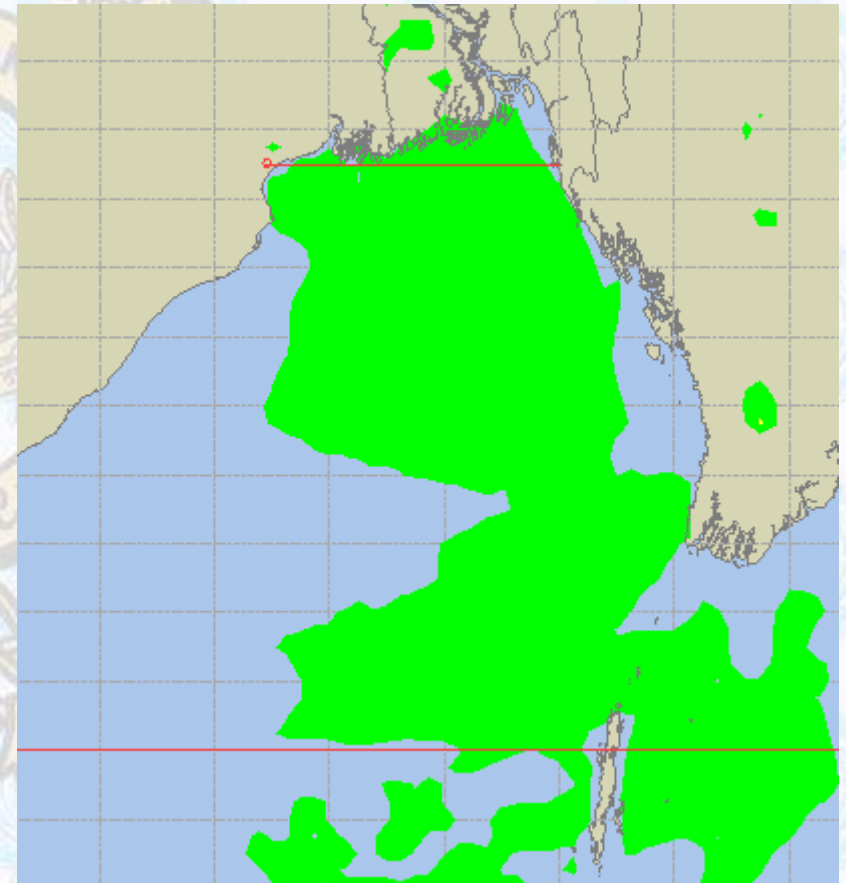
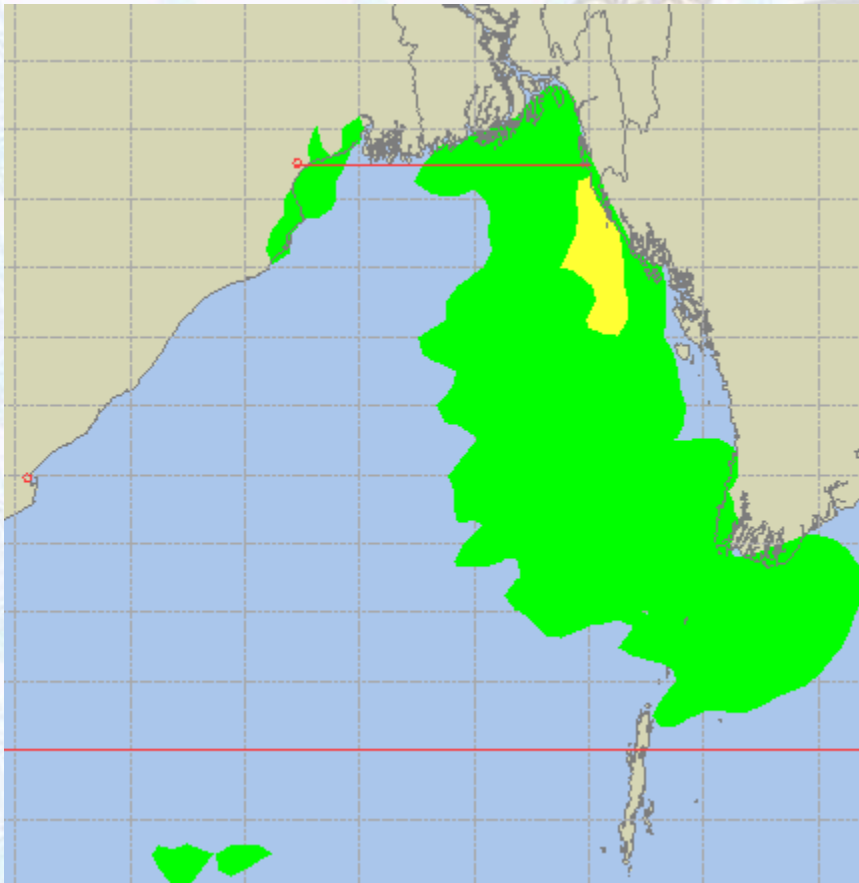




Peak Gusting Possibilities – 12 & 13 Jan - 2020

12 Jan 2020 Sunday

13 Jan 2020 Monday

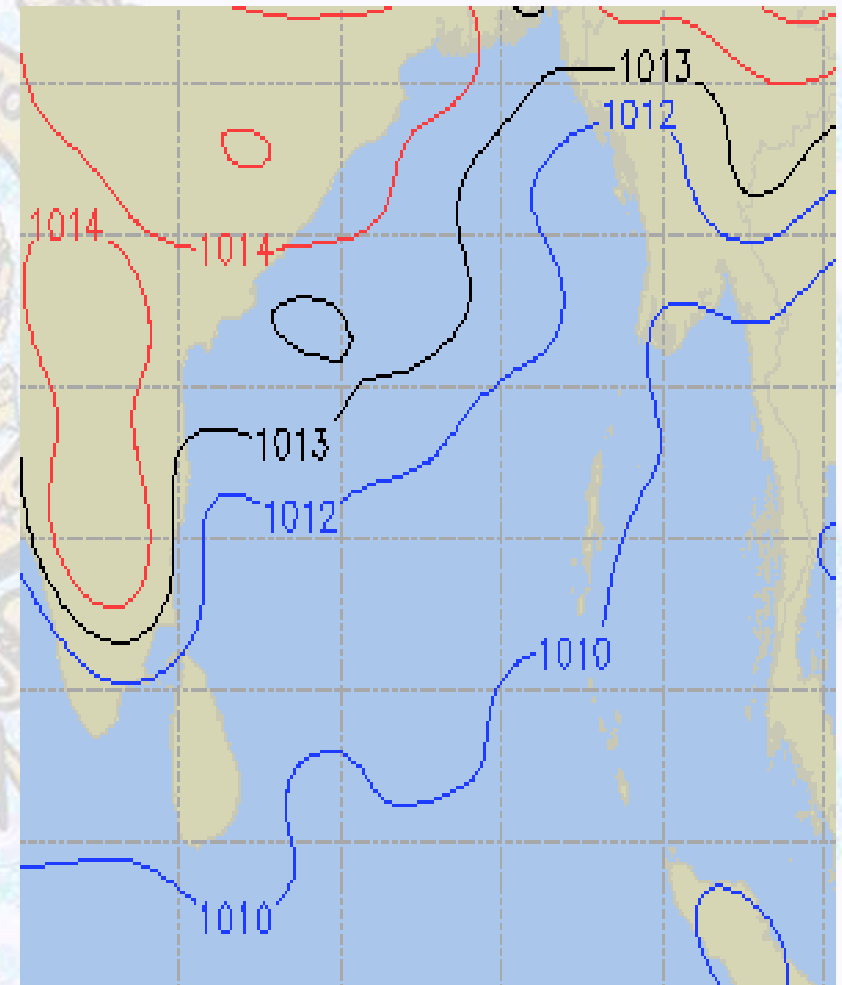
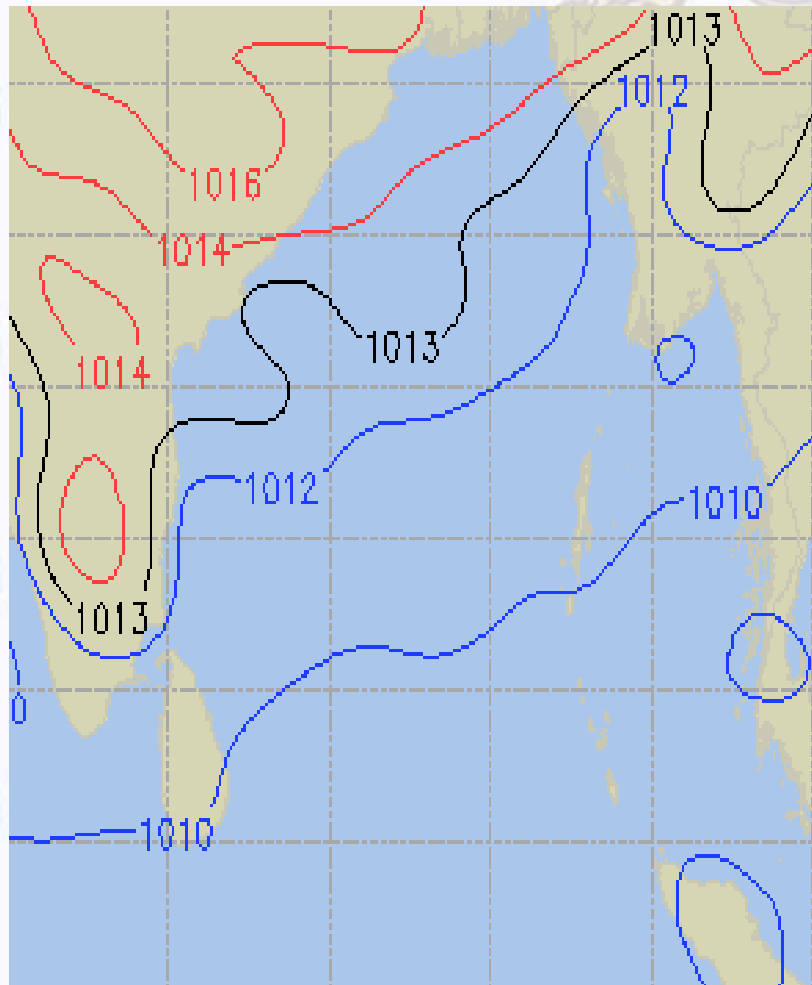




Surface Pressure forecast – 12 & 13 Jan - 2020

12 Jan 2020 Sunday

13 Jan 2020 Monday

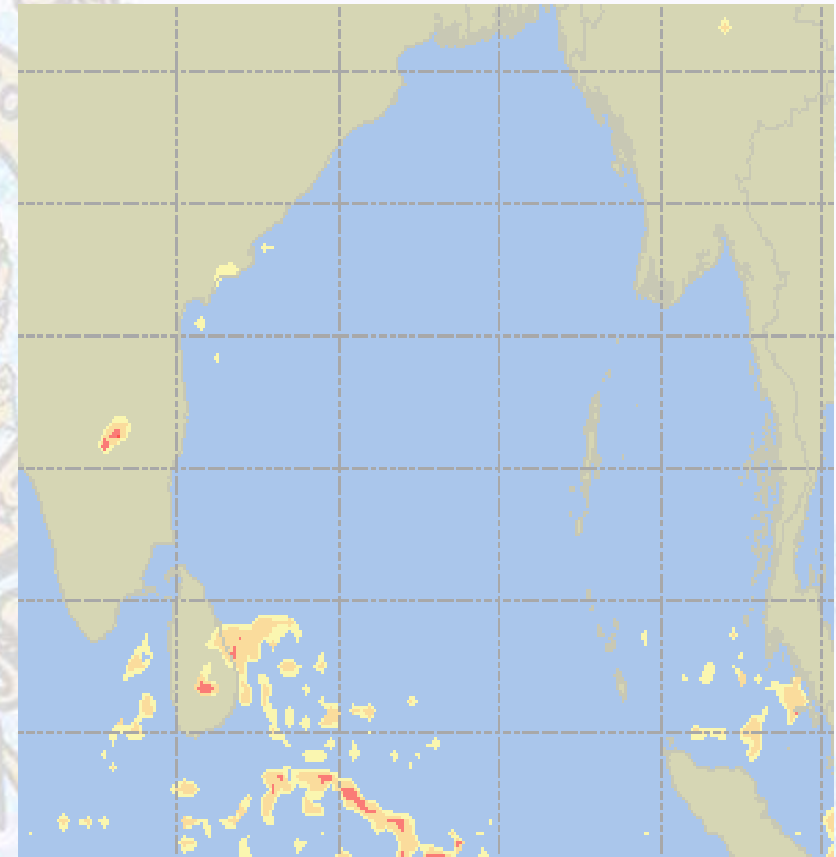
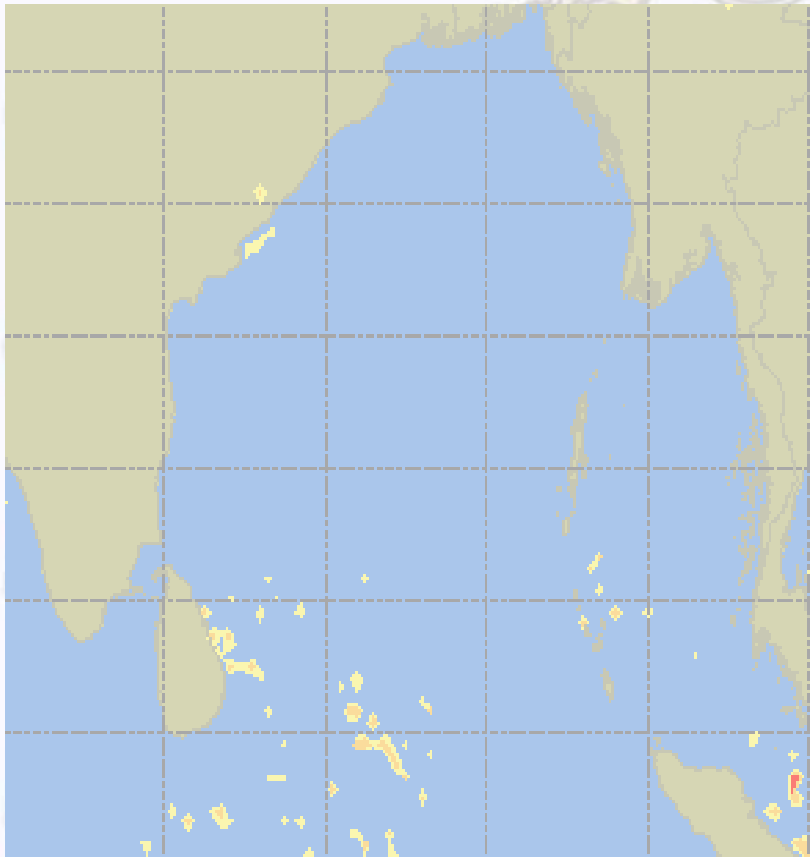




Visibility at Sea Forecast – 12 & 13 Jan - 2020

12 Jan 2020 Sunday

13 Jan 2020 Monday



Visibility Scale:



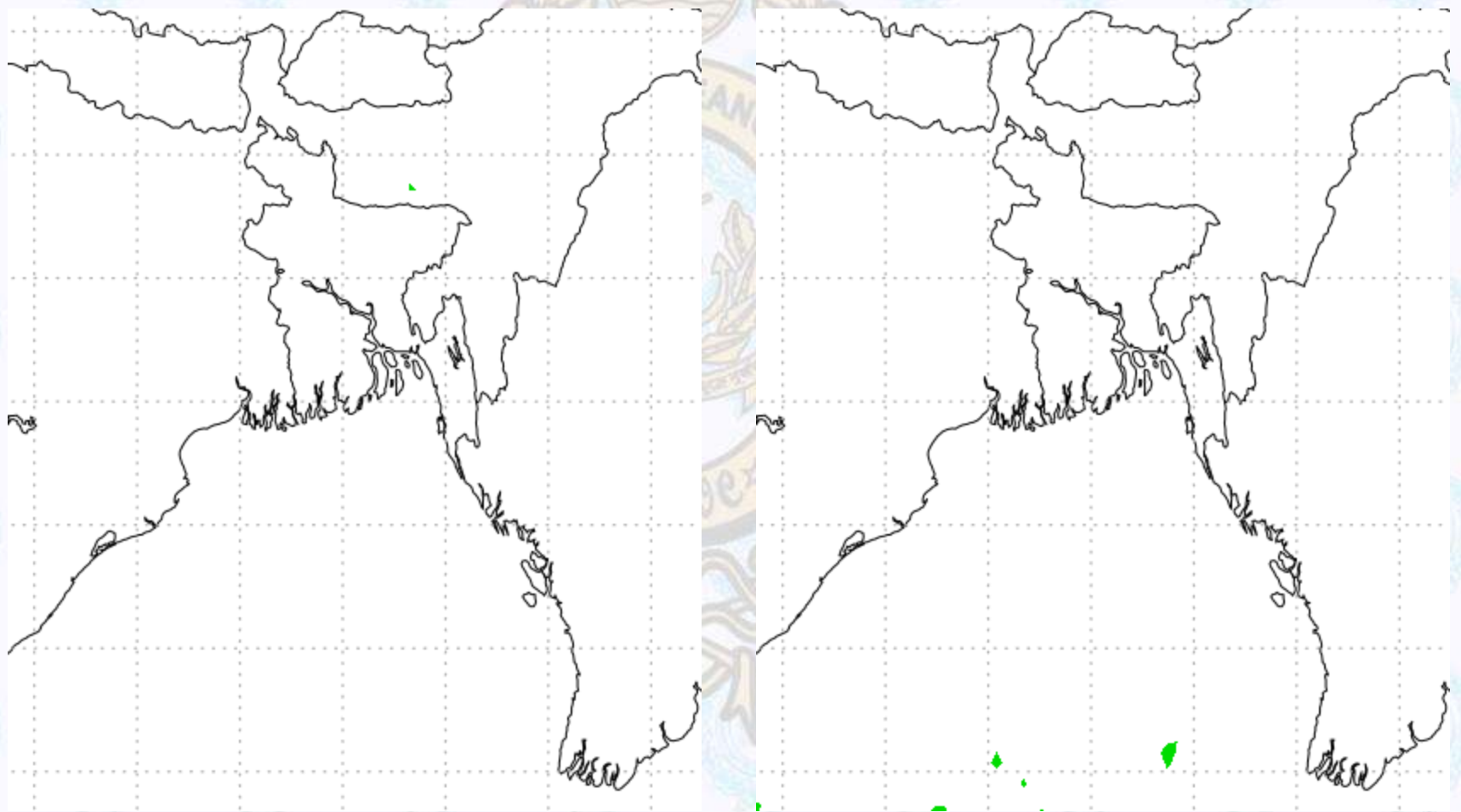
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 12 & 13 Jan 2020

Rain(mm) 13 & 14 Jan 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
11Jan 2020	0051	4.34		0523	0.42		0520	0.60
	0746	0.63		1054	3.03		1108	2.57
	1319	3.81		1732	0.32		1715	0.43
	1943	0.56		2321	3.56		2326	2.98
12Jan 2020	Time	Height		Time	Height		Time	Height
	0127	4.42		0603	0.35		0600	0.50
	0826	0.56		1134	3.10		1149	2.63
	1357	3.90		1813	0.28		1757	0.40
	2025	0.53		-	-		-	-
13Jan 2020	Time	Height		Time	Height		Time	Height
	0206	4.46		0002	3.58		0007	3.00
	0907	0.48		0644	0.31		0640	0.43
	1438	3.97		1217	3.11		1231	2.65
	2108	0.52		1854	0.28		1840	0.42