



WEATHER FORECAST FOR BN

31 JAN - 03 FEB 2020





WEATHERFORECAST – DHAKA

31.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 15	24 / 14	19 / 13	79 / 13
Wind	10 km/h W	11 km/h W	6 km/h NW	5 km/h NW
Humidity	56%	55%	68%	77%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	58%	5%	1%	1%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	6: 41 AM 5: 44 PM			

Conditions

Pressure : 1014 hpa

Visibility : 1.50 km

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



WEATHER FORECAST – CHATTOGRAM

31.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 17	24 / 17	21 / 17	19 / 17
Wind	10 km/h W	9 km/h W	5 km/h W	5 km/h NNW
Humidity	68%	67%	82%	88%
Chance of Precip.	1%	1%	6%	7%
Cloud Cover	21%	11%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 33 AM 5: 41 PM			

Conditions

Pressure : 1014 hpa

Visibility : 3.22 Km

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



WEATHER FORECAST – KHULNA

31.01.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 14	24 / 14	19 / 14	17 / 14
Wind	12 km/h NW	10 km/h NW	5 km/h NW	2 km/h N
Humidity	54%	54%	71%	81%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	9%	4%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 43 AM 5: 50 PM			

Conditions

Pressure : 1014 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	01 Feb 2020	02 Feb 2020	03 Feb 2020
Temperature (C)	25 °C / 13 °C	24 °C / 12 °C	23 °C / 11 °C
Summary	Partly Cloudy / Sunny	Partly Cloudy / Sunny	Partly Cloudy / Sunny
Sun Rise/Set	6h39m30s/17h44m30s	6h39m06s/17h45m12s	6h38m42s/17h45m48s
Day Length	11h05m00s	11h06m06s	11h07m06s
Moon Rise/ Set	----- ----- -----	11:44 AM 12:02 AM	12:21 AM 12:54 AM
Moon Phase/ illu	Waxing Crescent, 3%	First Quarter, 49%	Waxing Crescent, 59%
Nautical Twilight	0548,1835	0548,1835	0548,1836
Civil Twilight	0615,1808	0615,1808	0615,1809
Humidity	D : 60% N : 73%	D : 56% N : 71%	D : 56% N : 71%
Barometer (mb)	1015	1017	1018
Visibility	Good	Good	Good
Precip Chance	10%	1%	10%
Wind (mph)	12 Km/h NW	12 Km/h WNW	10 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	01 Feb 2020	02 Feb 2020	03 Feb 2020
Temperature (C)	25 °C/ 14 °C	25 °C/ 13 °C	25 °C/ 12 °C
Summary	Partly Cloudy / Sunny	Partly Cloudy / Sunny	Partly Cloudy / Sunny
Sun Rise/Set	6h31m30s/17h40m54s	6h31m06s/17h41m36s	6h30m48s/17h42m06s
Day Length	11h09m24s	11h10m30s	11h11m18s
Moon Rise/ Set	11:04AM 11:55PM	-----II----- -----II-----	12:17 AM 12:46 AM
Moon Phase/ illu	Waxing Crescent, 49%	First Quarter, 3%	Waxing Crescent, 59%
Nautical Twilight	0541, 1831	0541, 1831	0540, 1832
Civil Twilight	0608.,1804	0607.,1804	0607.,1805
Humidity	D : 62% N : 74%	D : 56% N : 67%	D : 47% N : 68%
Barometer (mb)	1015	1017	1018
Visibility	Good	Good	Good
Precip Chance	10%	1%	1%
Wind (mph)	13 km/h NNW	12 km/h N	13 km/h N

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



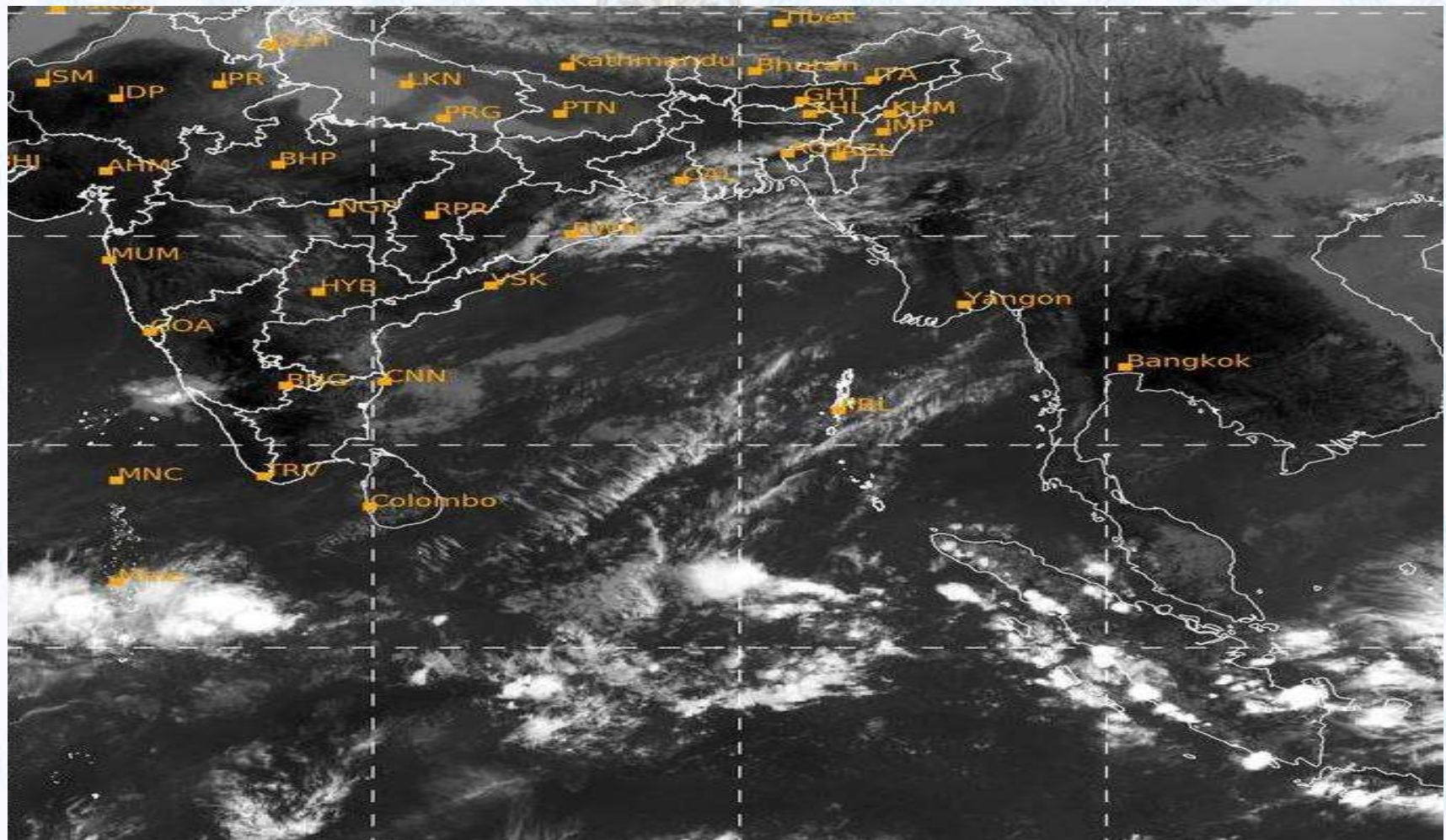
GENERAL WEATHER FORECAST – KHULNA

Description	01 Feb 2020	02 Feb 2020	03 Feb 2020
Temperature(C)	24 °C/ 12 °C	24 °C/ 11 °C	23 °C/ 10 °C
Summary	Partly Cloudy / Sunny	Partly Cloudy / Sunny	Partly Cloudy / Sunny
Sun Rise/Set	6h32m30s/17h43m48s	6h32m48s/17h43m12s	6h33m06s/17h42m36s
Day Length	13h11m18s	13h10m24s	13h09m30s
Moon Rise/Set	----- ----- -----	11:49AM 12:05AM	12:27 AM 12:57 AM
Moon Phase/illu	Waxing Crescent, 3%	First Quarter, 49%	Waxing Crescent, 59%
Nautical Twilight	0551, 1839	0550, 1840	0550, 1840
Civil Twilight	0618.,1812	0617.,1813	0617.,1814
Humidity	D : 60% N : 76%	D : 56% N : 72%	D : 56% N : 73%
Barometer (mb)	1015	1017	1018
Visibility	Good	Good	Good
Precip Chance	10%	1%	1%
Wind (mph)	11 km/h NNW	12 km/h NW	11 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

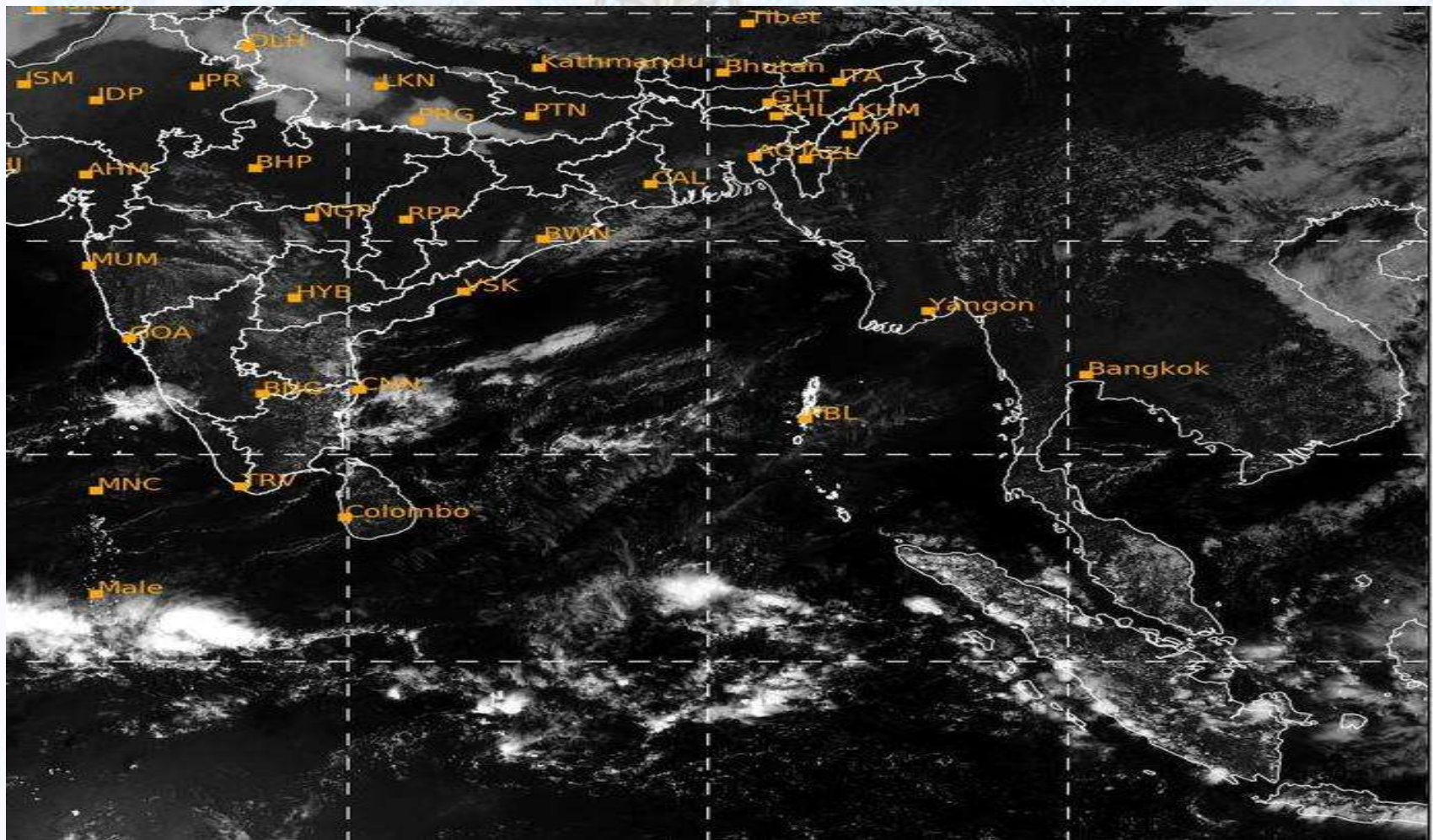


31/01/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



31/01/2020, 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 31.01.2020)

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/MIST.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =31,0000 UTC. CHATTOGRAM =1014HPA



Inland River Port Warning **(VALID TILL 06 PM OF 31.01.2020)**

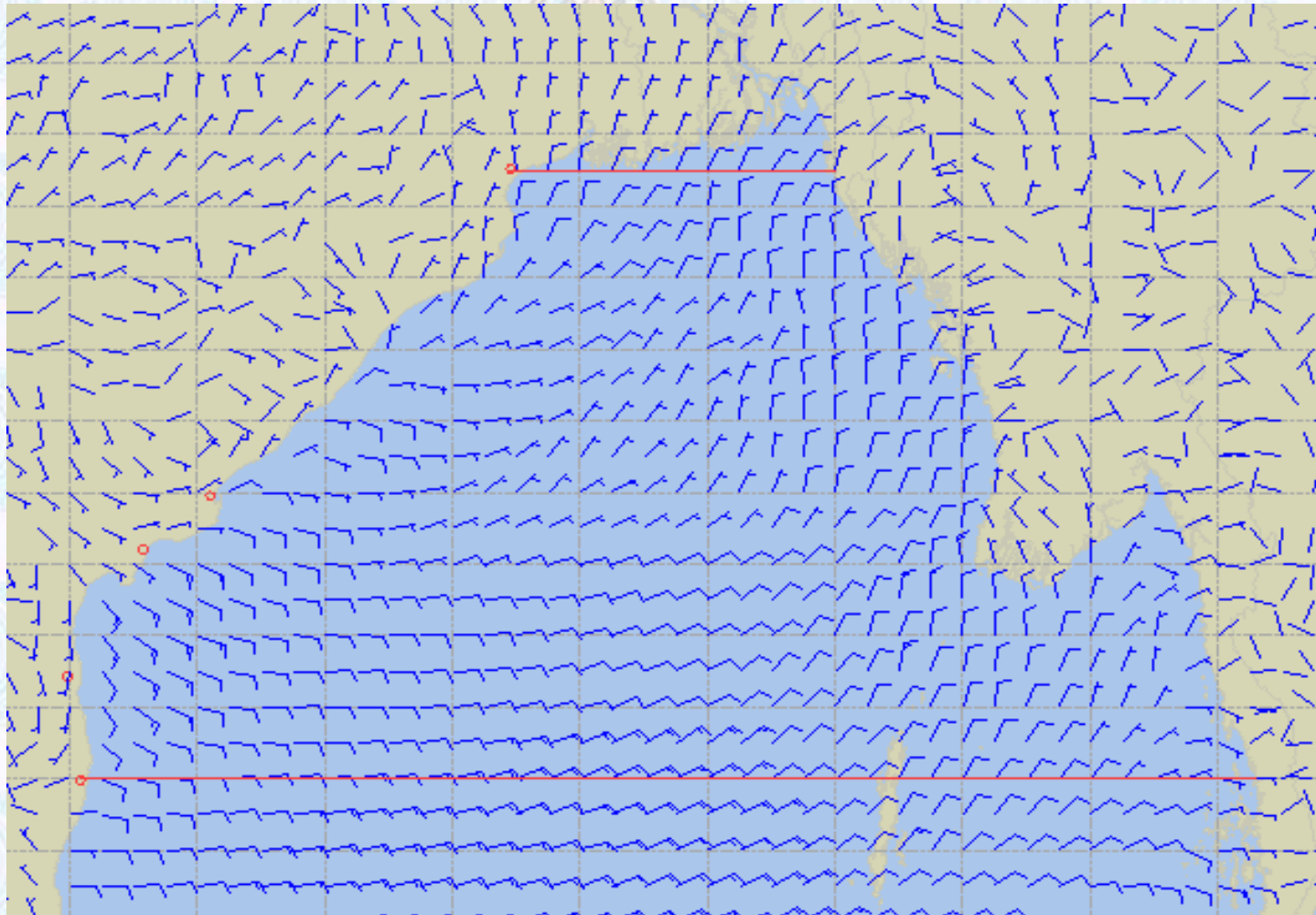
THERE IS NO INLAND RIVERPORTS WARNING & NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 01 Feb - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



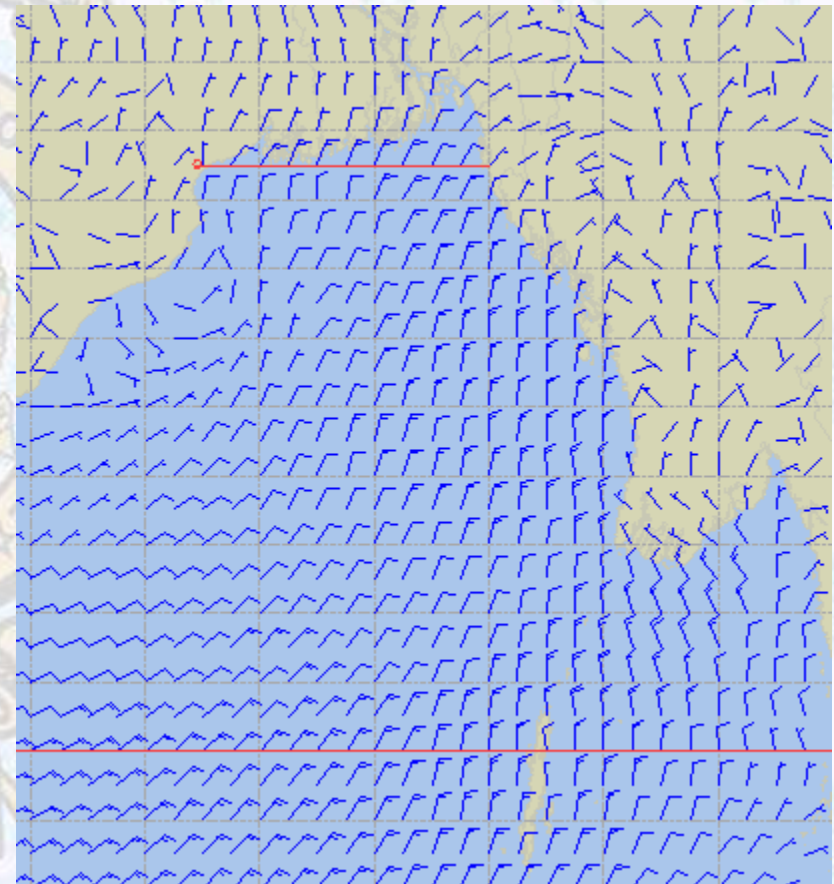
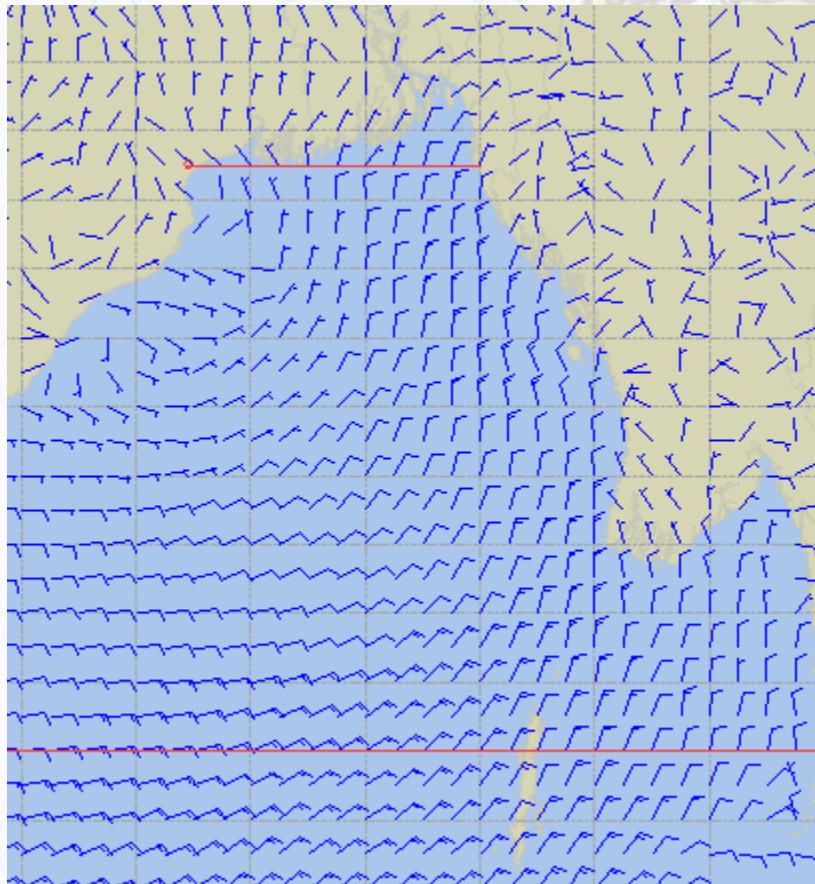
60 Knots



Surface Wind Forecast – 02 & 03 Feb - 2020

02 Feb 2020 Sunday

03 Feb 2020 Monday



Legend:



Calm
Winds



5 Knots



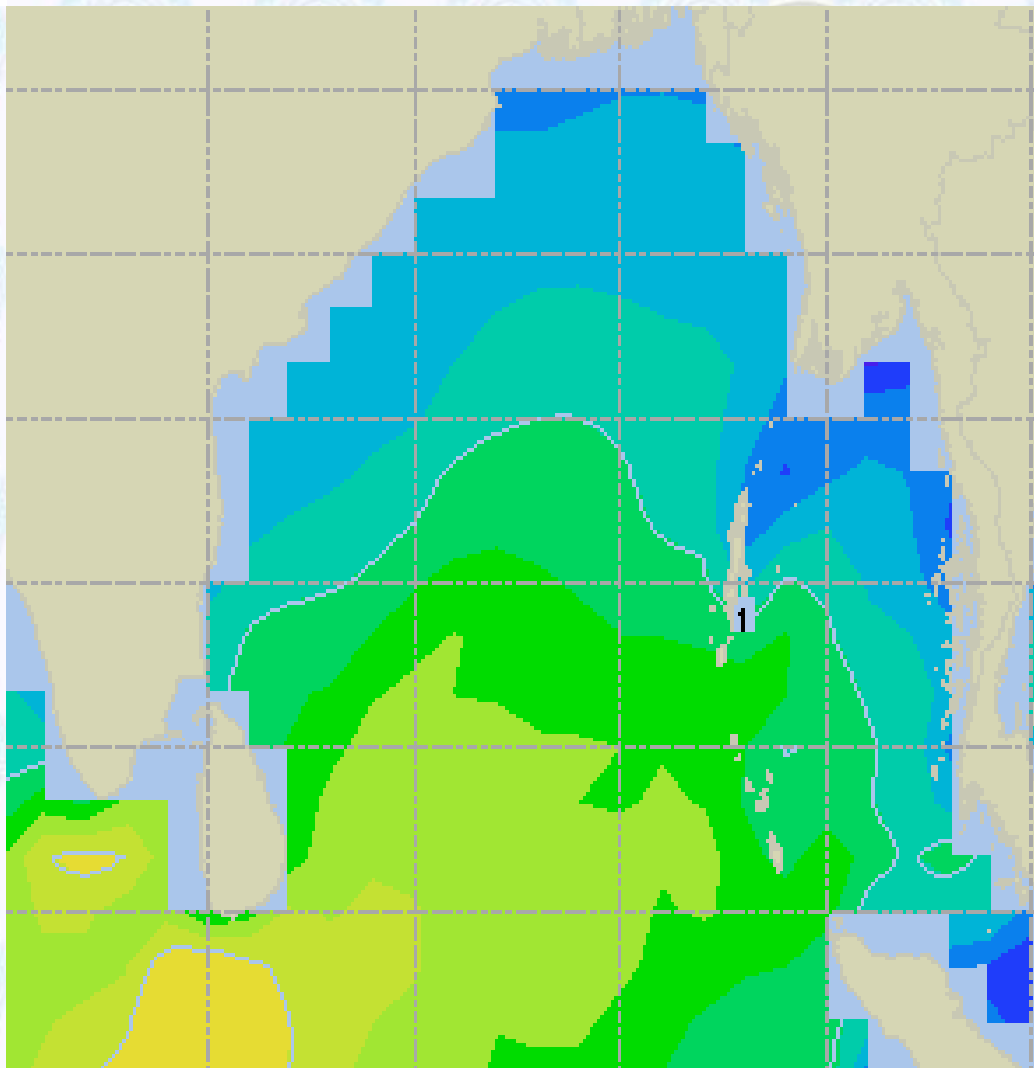
10 Knots



60 Knots



Sea State Forecast- 01 Feb - 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

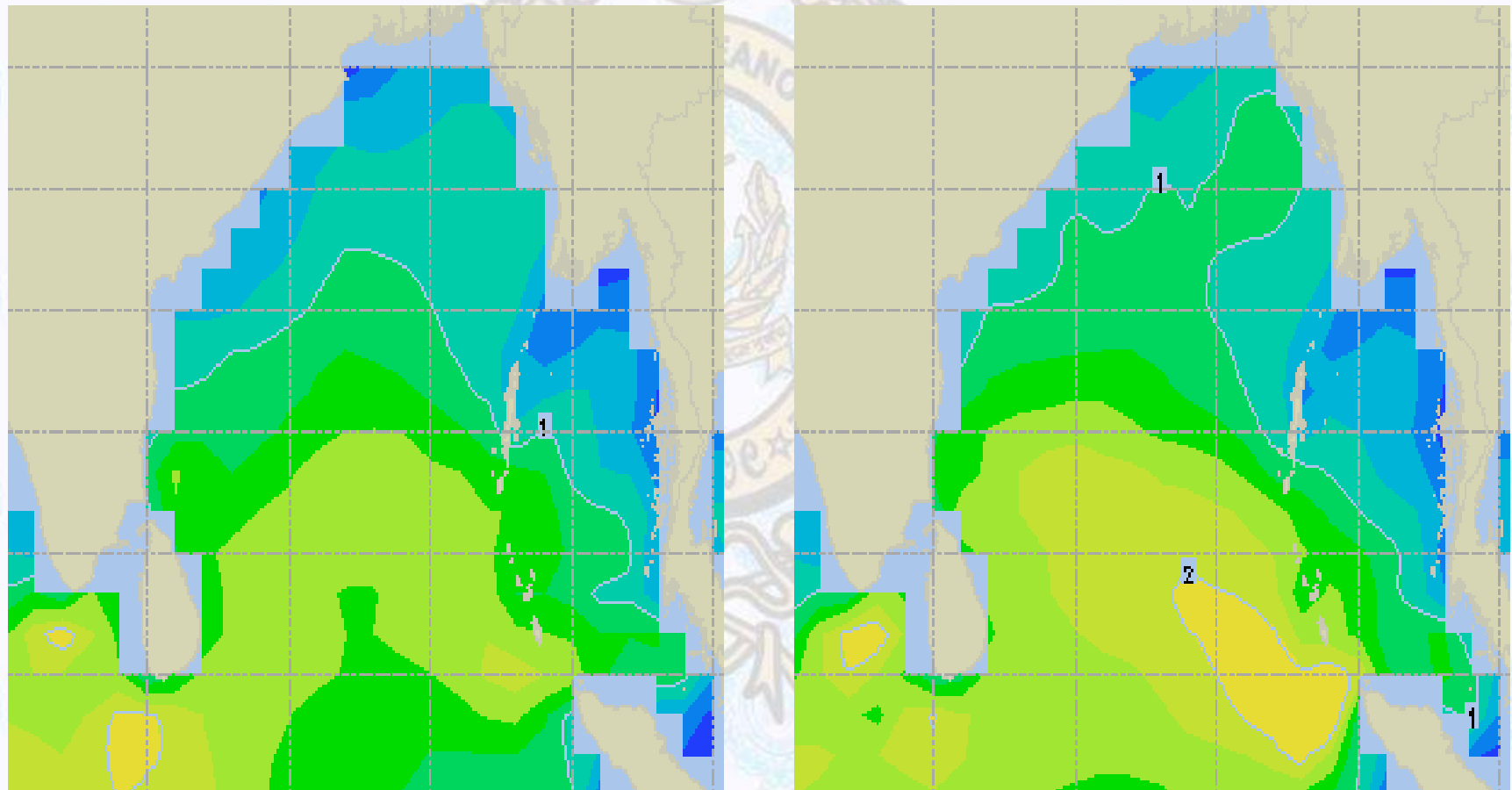




Surface Wind Forecast – 02 & 03 Feb - 2020

02 Feb 2020 Sunday

03 Feb 2020 Monday

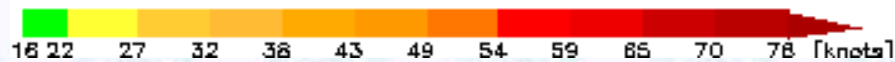
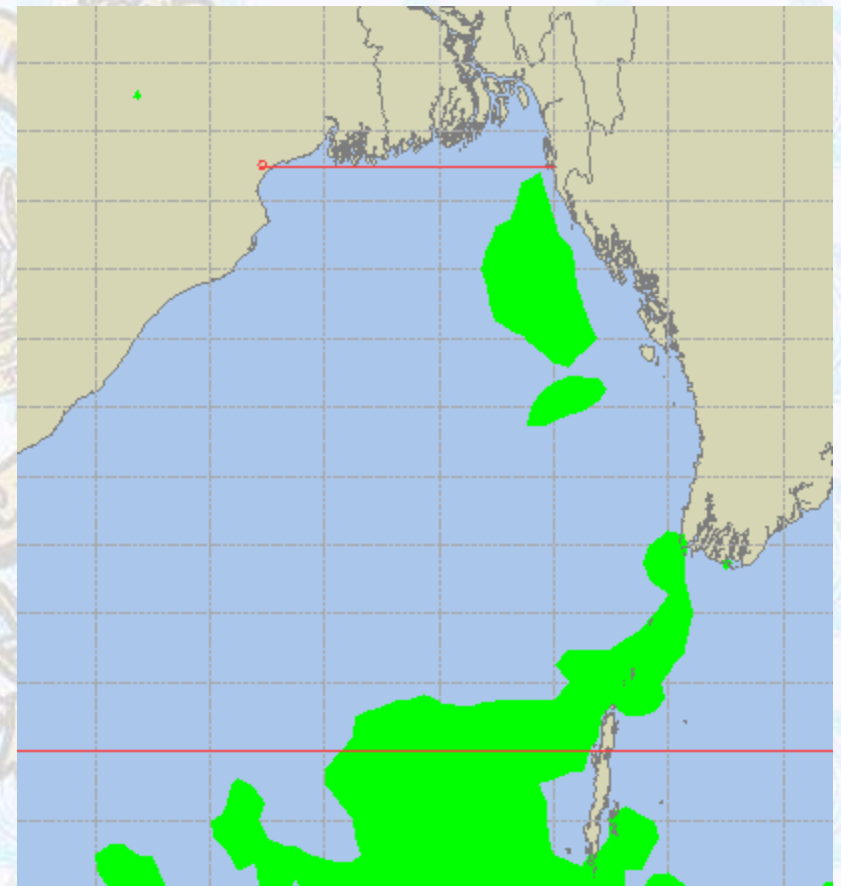
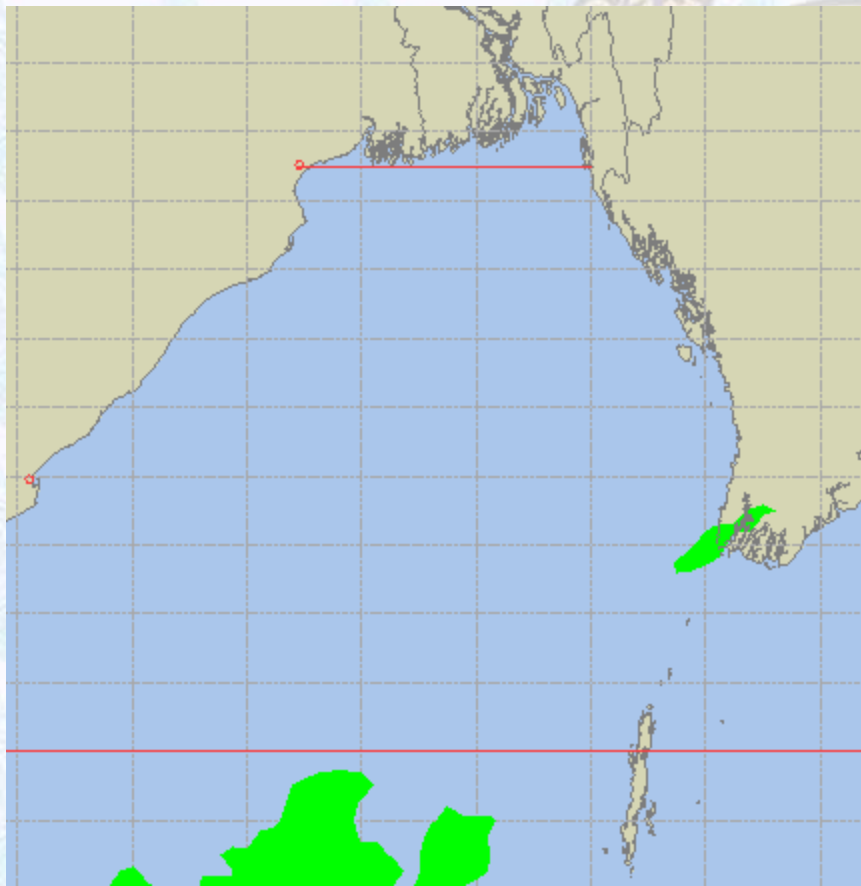




Peak Gusting Possibilities – 01 & 02 Feb - 2020

01 Feb 2020 Saturday

02 Feb 2020 Sunday

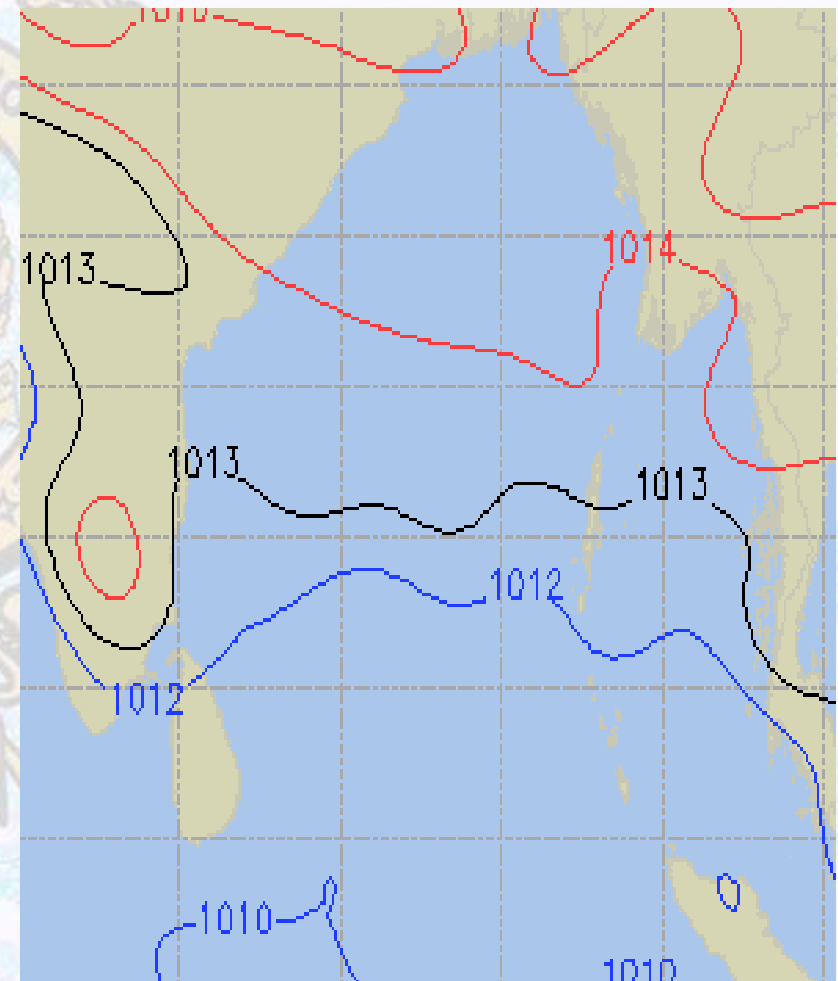
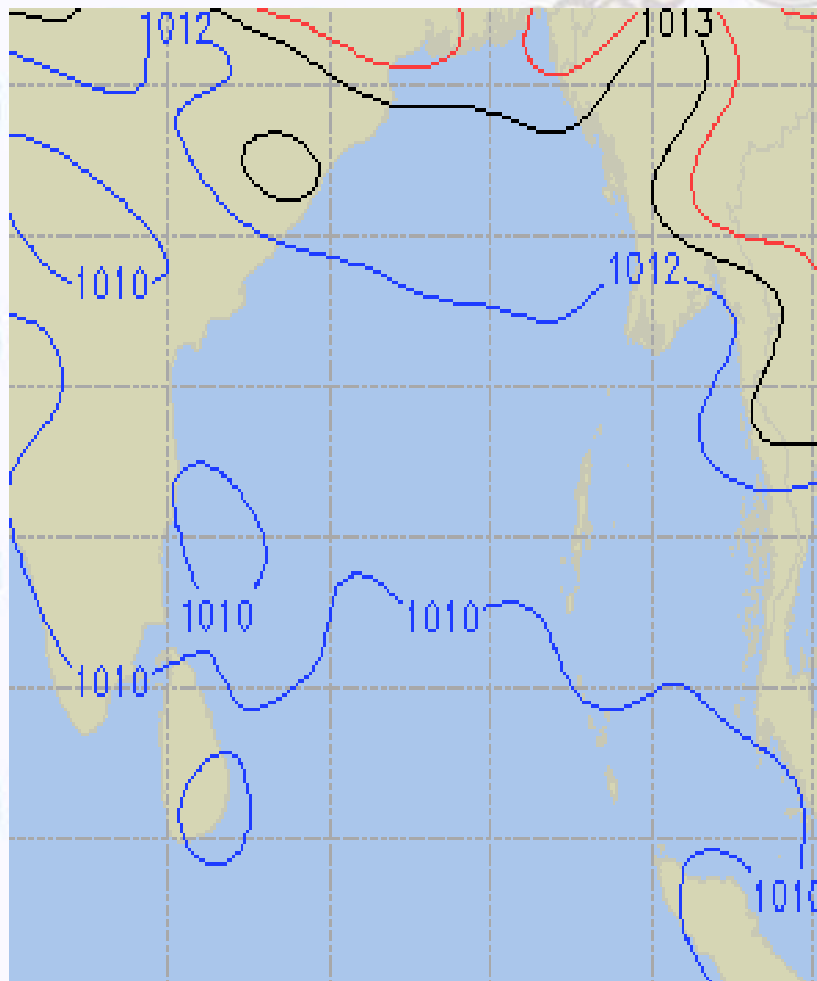




Surface Pressure forecast – 01 & 02 Feb - 2020

01 Feb 2020 Saturday

02 Feb 2020 Sunday

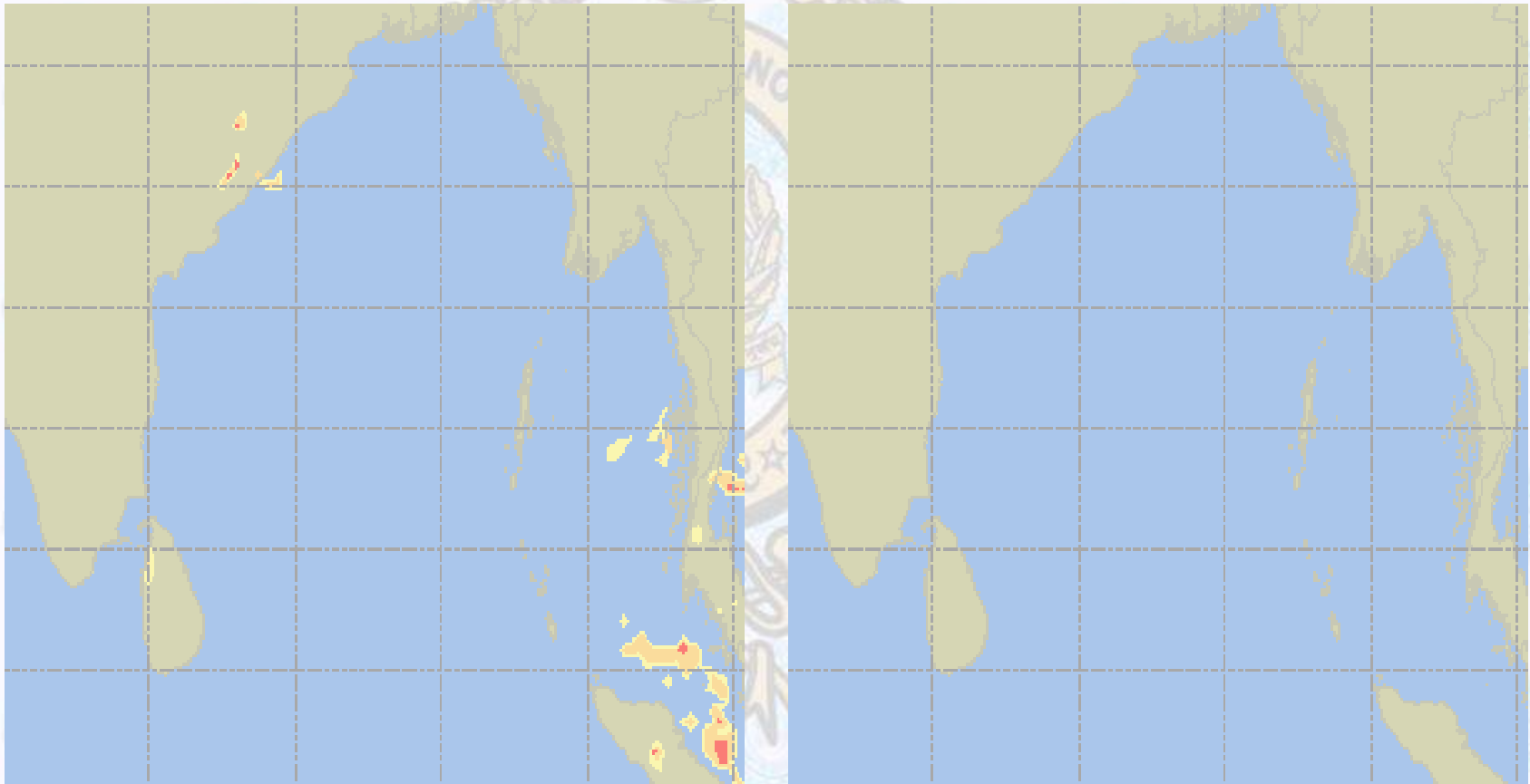




Visibility at Sea Forecast – 01 & 02 Feb - 2020

01 Feb 2020 Saturday

02 Feb 2020 Sunday



Visibility Scale:



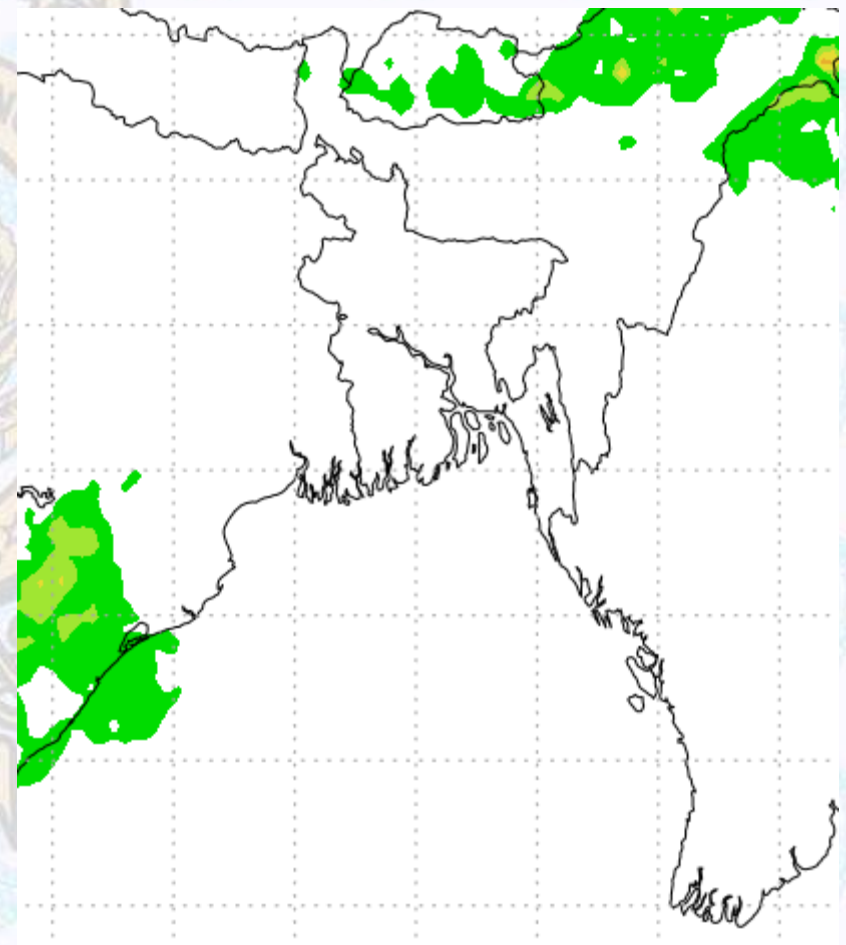
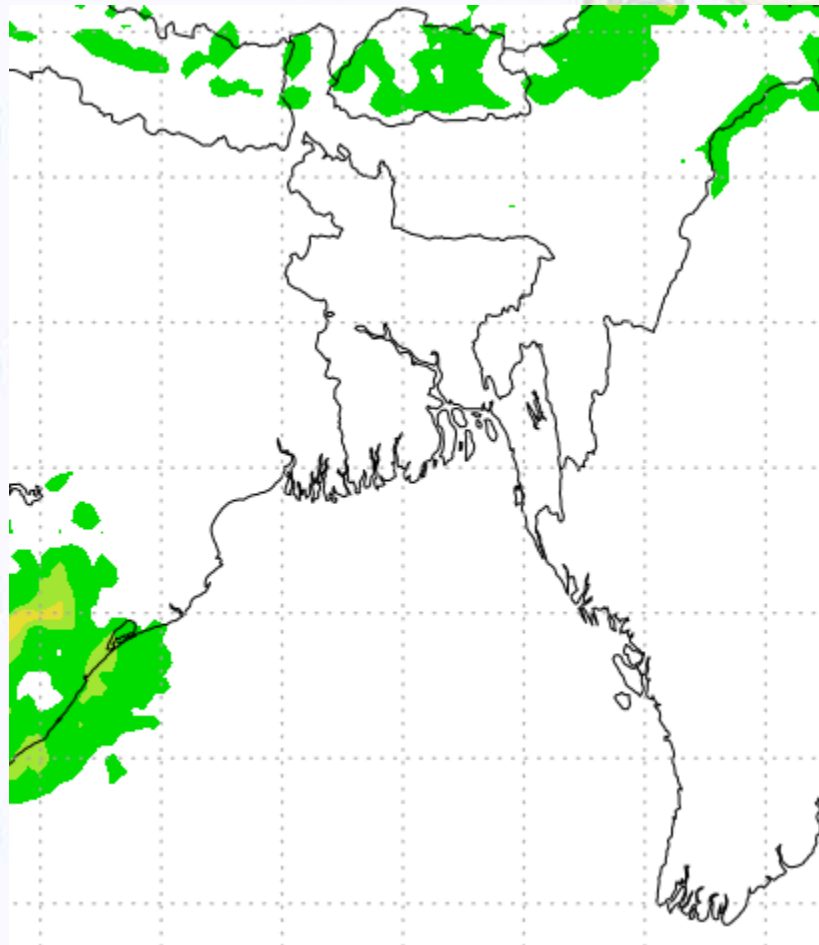
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 01 & 02 Feb 20

Rain(mm) 02 & 03 Feb 20





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
01Feb 2020	0505	3.65		0253	2.60		0232	2.39
	1130	0.64		0913	0.67		0854	0.77
	1742	3.58		1519	2.41		1512	2.31
	2358	1.04		2140	0.78		2117	1.09
02Feb 2020	Time	Height		Time	Height		Time	Height
	0557	3.36		0339	2.39		0314	2.22
	1218	0.83		1000	0.78		0937	0.89
	1840	3.46		1616	2.31		1606	2.22
	-			2239	0.91		2216	1.23
03Feb 2020	Time	Height		Time	Height		Time	Height
	0100	1.21		0437	2.21		0408	2.05
	0700	3.10		1102	0.87		1039	0.99
	1321	1.00		1730	2.28		1717	2.17
	1949	3.41		2357	0.97		2343	1.30