



WEATHER FORECAST FOR BN

15 FEB - 18 FEB 2021





WEATHER FORECAST – DHAKA

15.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 17	28 / 15	24 / 16	21 / 16
Wind	7 km/h WSW	7 km/h WSW	3 km/h WSW	3 m/h WNW
Humidity	53%	47%	64%	72%
Chance of Precip	1%	1%	2%	4%
Cloud Cover	8%	5%	2%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 32 AM 17: 53 PM			

Conditions

Pressure : 1013 hpa

Visibility : 3.22 km

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



WEATHER FORECAST – CHATTOGRAM

15.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 16	26 / 16	22 / 19	21 / 19
Wind	10 km/h W	10 km/h W	8 km/h WSW	6 km/h W
Humidity	55%	55%	82%	90%
Chance of Precip.	1%	1%	4%	6%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 25 AM			
Sunset	17: 49 PM			

Conditions

Pressure : 1013 hpa

Visibility : 3.5 Km

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



WEATHER FORECAST – KHULNA

15.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 17	29 / 15	23 / 16	20 / 17
Wind	7 km/h W	8 km/h WNW	3 km/h NNW	3 m/h SE
Humidity	48%	43%	64%	81%
Chance of Precip.	1%	1%	2%	5%
Cloud Cover	9%	2%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 34 AM 17: 57 PM			

Conditions

Pressure : 1013 hpa

Visibility : 5.7 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	16 Feb 2021	17 Feb 2021	18 Feb 2021
Temperature (C)	28 °C/ 17 °C	28 °C/ 18 °C	29 °C/ 19 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h30m54s/17h54m30s	6h30m06s/17h55m06s	6h30m06s/17h55m06s
Day Length	11h23m36s	11h25m00s	11h25m00s
Moon Rise/ Set	9:22AM 9:57PM	9:53AM 10:47PM	10:26AM 11:39PM
Moon Phase/ illu	Waxing Crescent, 24%	Waxing Crescent, 33%	Waxing Crescent, 42%
Nautical Twilight	05:41,18:44	05:41,18:44	05:41,18:45
Civil Twilight	06:08,18:17	06:07,18:17	06:07,18:18
Humidity	D : 62% N : 76%	D : 57% N : 71%	D : 59% N : 79%
Barometer (mb)	1012	1013	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	6%	4%	4%
Wind (mph)	5 Km/h WSW	6 Km/h NW	6 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	16 Feb 2021	17 Feb 2021	18 Feb 2021
Temperature (C)	28 °C/ 16 °C	28 °C/ 17 °C	27 °C/ 17 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h23m36s/ 17h50m18s	6h22m48s/ 17h50m54s	6h22m48s/ 17h50m54s
Day Length	11h26m42s	11h28m06s	11h28m06s
Moon Rise/ Set	9:16AM 9:50PM	9:49AM 10:40PM	10:22AM 11:31PM
Moon Phase/ illu	Waxing Crescent, 24%	Waxing Crescent, 33%	Waxing Crescent, 42%
NauticalTwilight	05:34, 18:39	05:34, 18:39	05:34, 18:40
Civil Twilight	06:01, 18:12	06:00, 18:13	06:00, 18:13
Humidity	D : 75% N : 88%	D : 56% N : 69%	D : 60% N : 73%
Barometer (mb)	1013	1013	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	6%	4%	4%
Wind (mph)	8 Km/h WNW	9 Km/h NNW	7 Km/h NNW

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



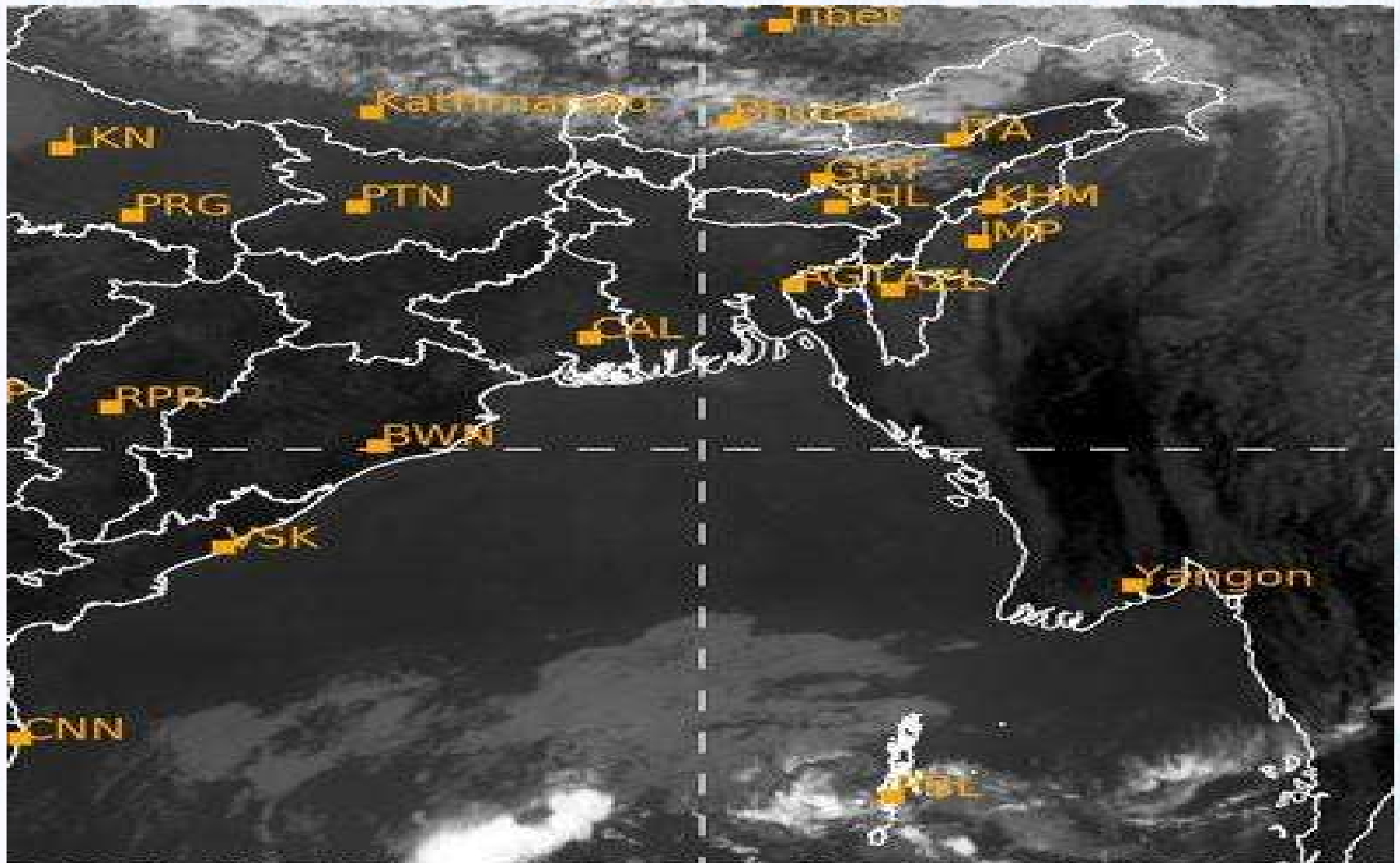
GENERAL WEATHER FORECAST – KHULNA

Description	16 Feb 2021	17 Feb 2021	18 Feb 2021
Temperature(C)	29°C/ 19°C	29°C/ 19°C	30°C/ 18°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h33m18s/ 17h59m00s	6h32m30s/ 17h59m30s	6h32m30s/ 17h59m30s
Day Length	10h25m42s	10h27m00s	10h27m00s
Moon Rise/Set	9:25AM 10:00PM	9:57AM 10:50PM	10:30AM 11:41PM
Moon Phase/illu	Waxing Crescent, 24%	Waxing Crescent, 33%	Waxing Crescent, 42%
Nautical Twilight	05:43, 18:48	05:43, 18:48	05:43, 18:49
Civil Twilight	06:10, 18:21	06:10, 18:22	06:10, 18:22
Humidity	D : 66% N : 87%	D : 65% N : 85%	D : 62% N : 88%
Barometer (mb)	1013	1013	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	8%	6%	6%
Wind (mph)	7 km/h W	8 km/h NW	8 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

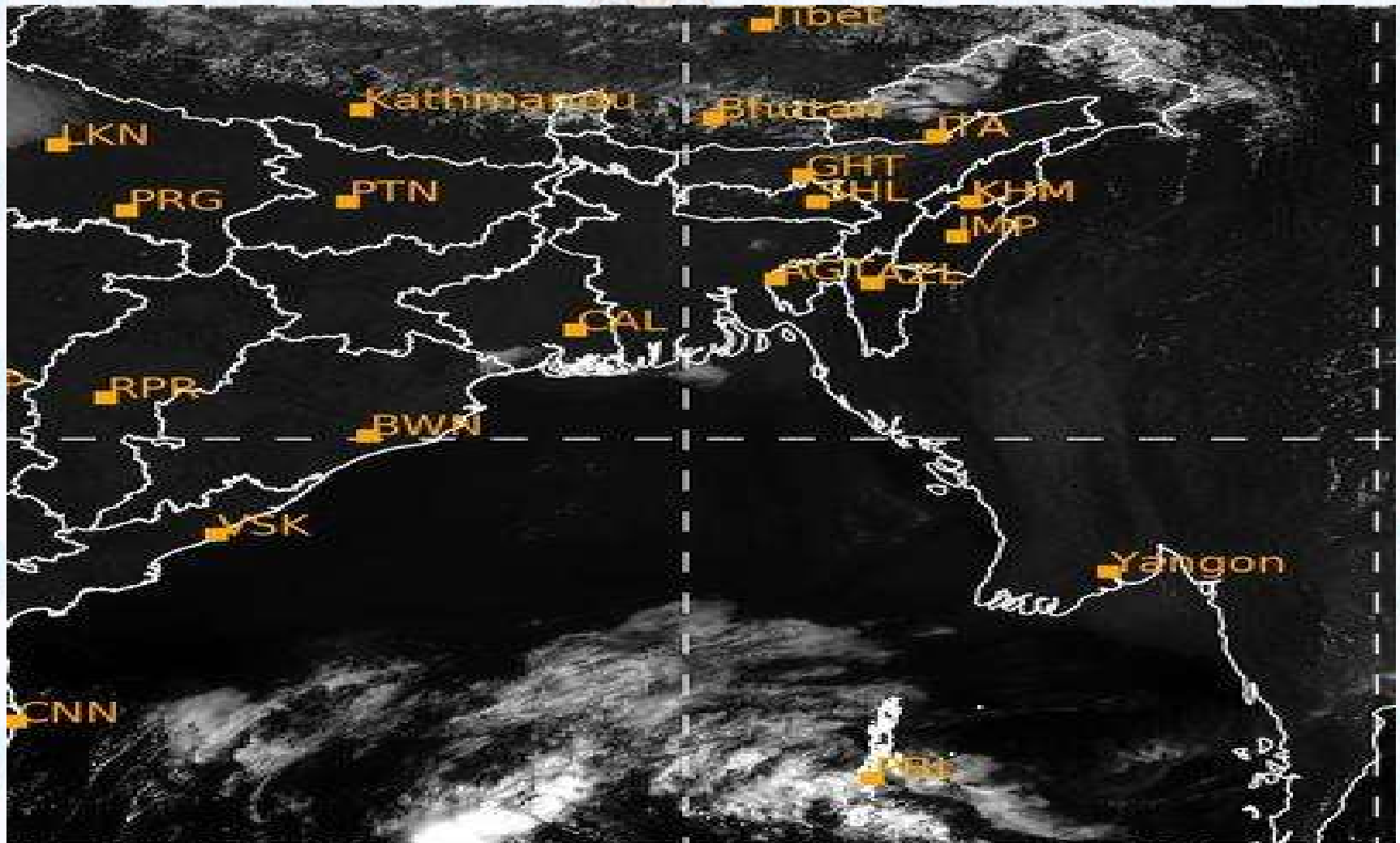


15/02/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



15/02/2021, 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 15.02.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	WEST/ NORTH-WESTERLY, 08-12 KTS.
	Visibility	03-05 KMS REDUCING TO 1000 M OR LESS IN FOG/MIST.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 15,0000 UTC. CHATTOGRAM =1013 HPA



Inland River Port Warning (VALID TILL 06 PM OF 15.02.2020)

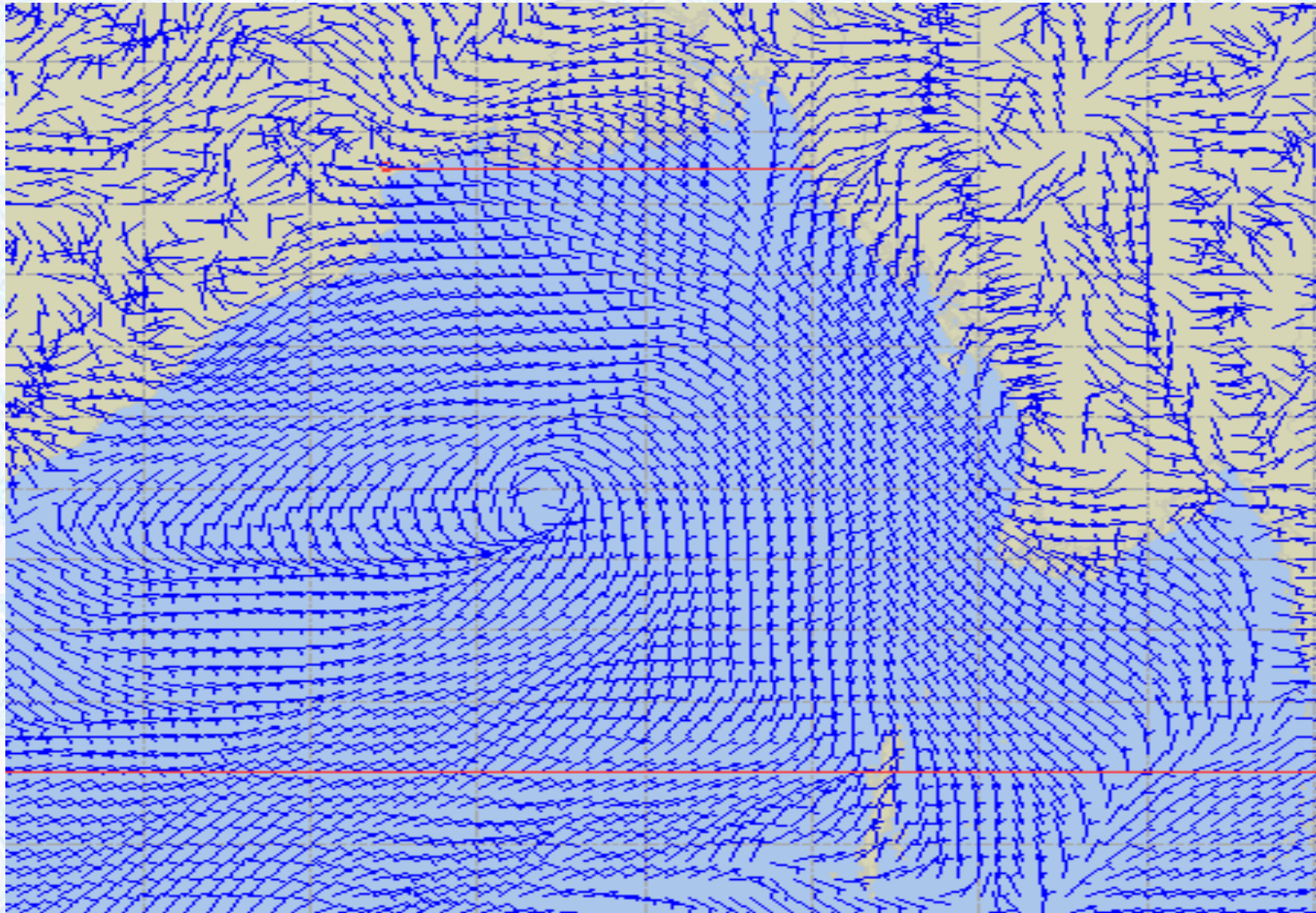
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 16 Feb - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



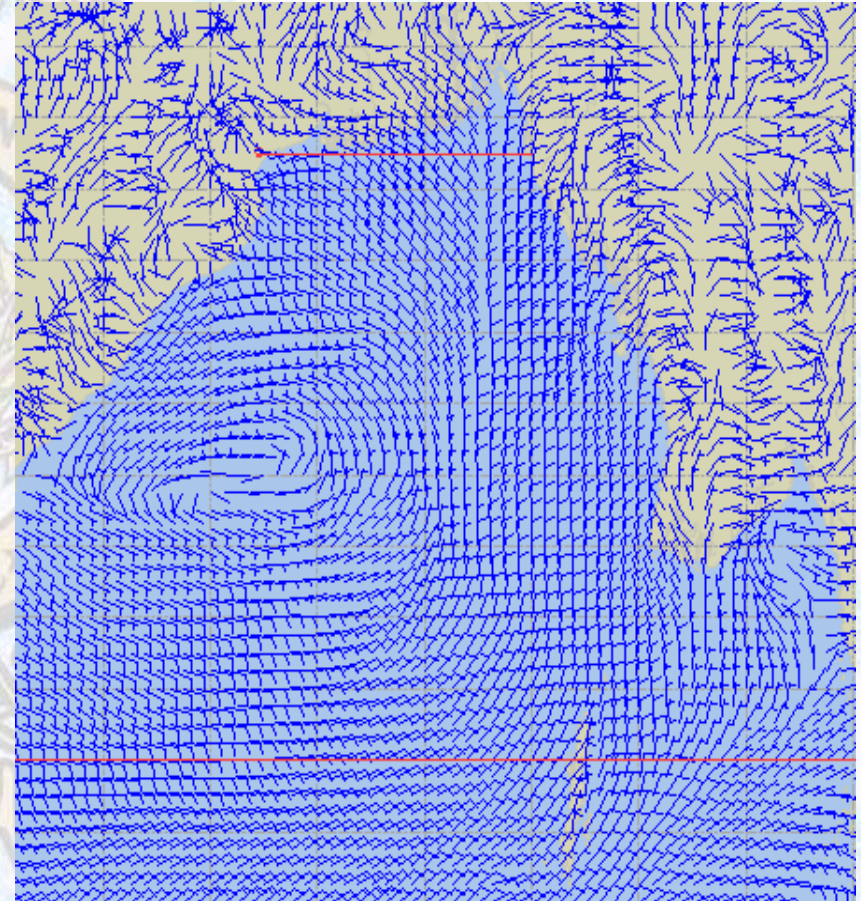
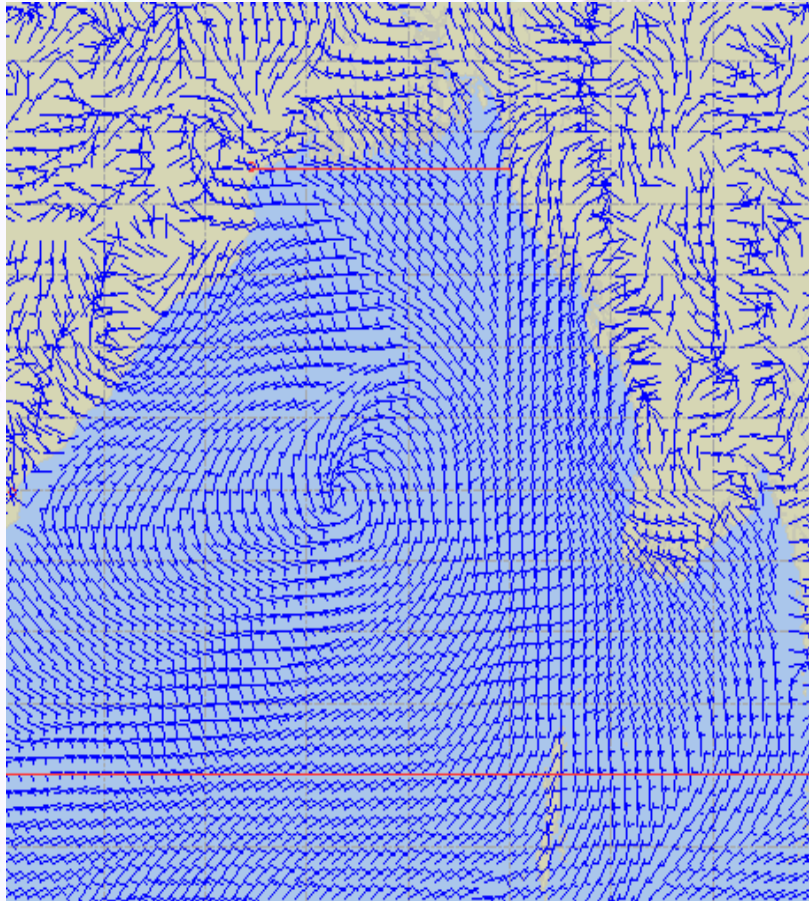
60 Knots



Surface Wind Forecast – 17 & 18 Feb - 2021

17 Feb 21 Wednesday

18 Feb 21 Thursday



Legend:



Calm
Winds



5 Knots



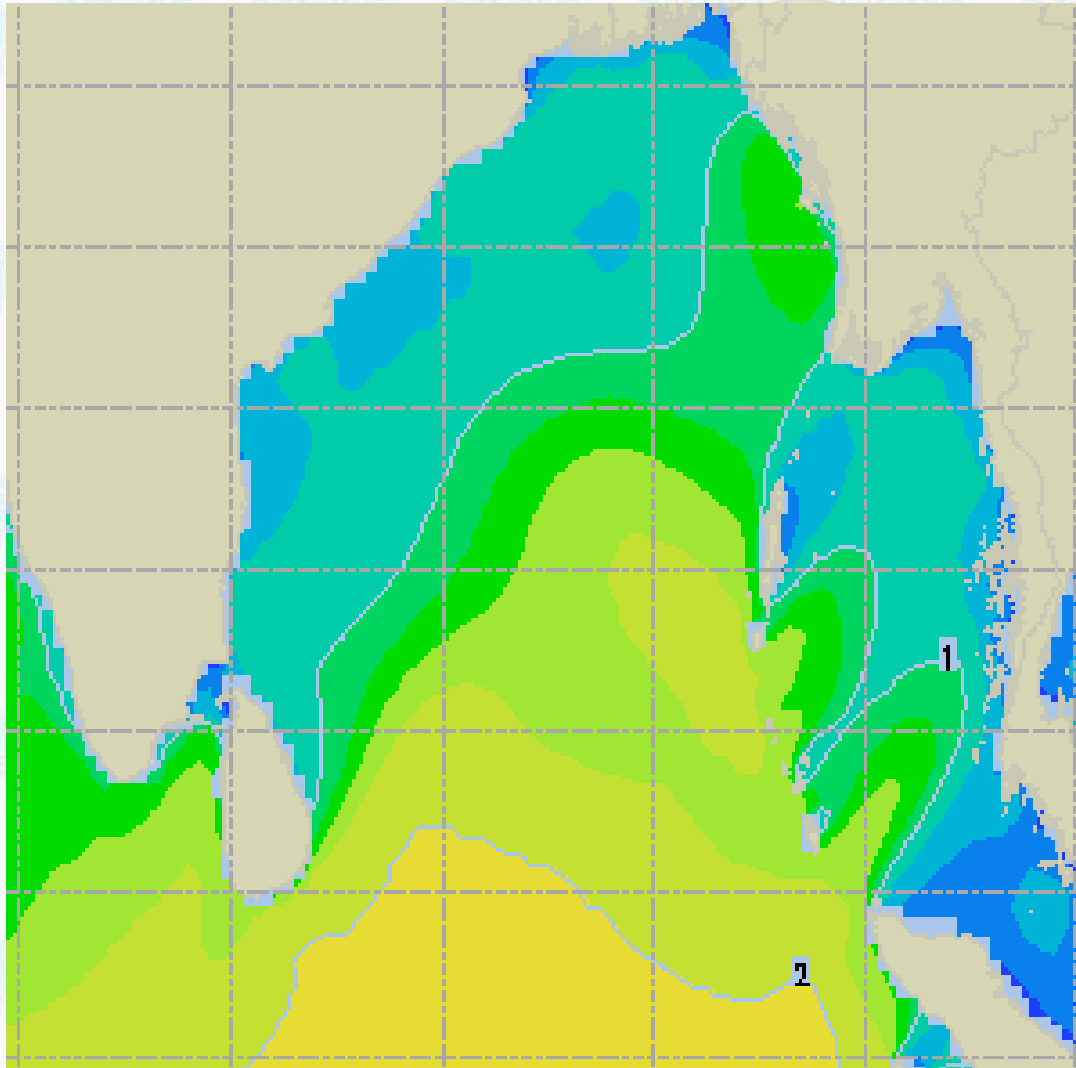
10 Knots



60 Knots



Sea State Forecast – 16 Feb - 2021



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

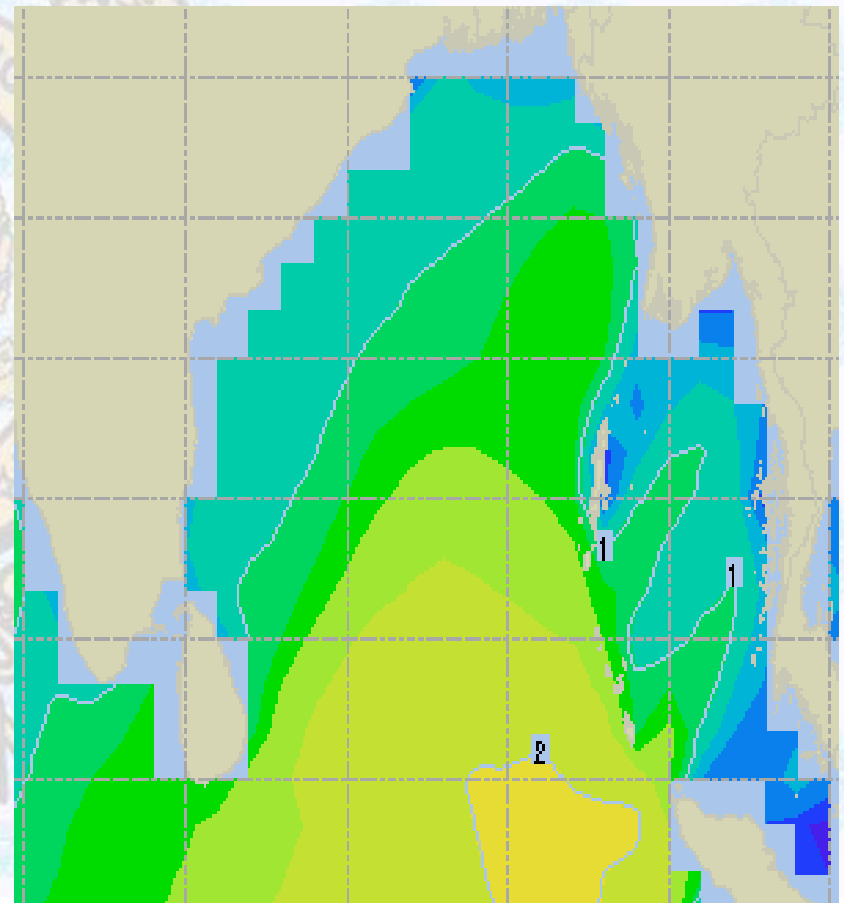
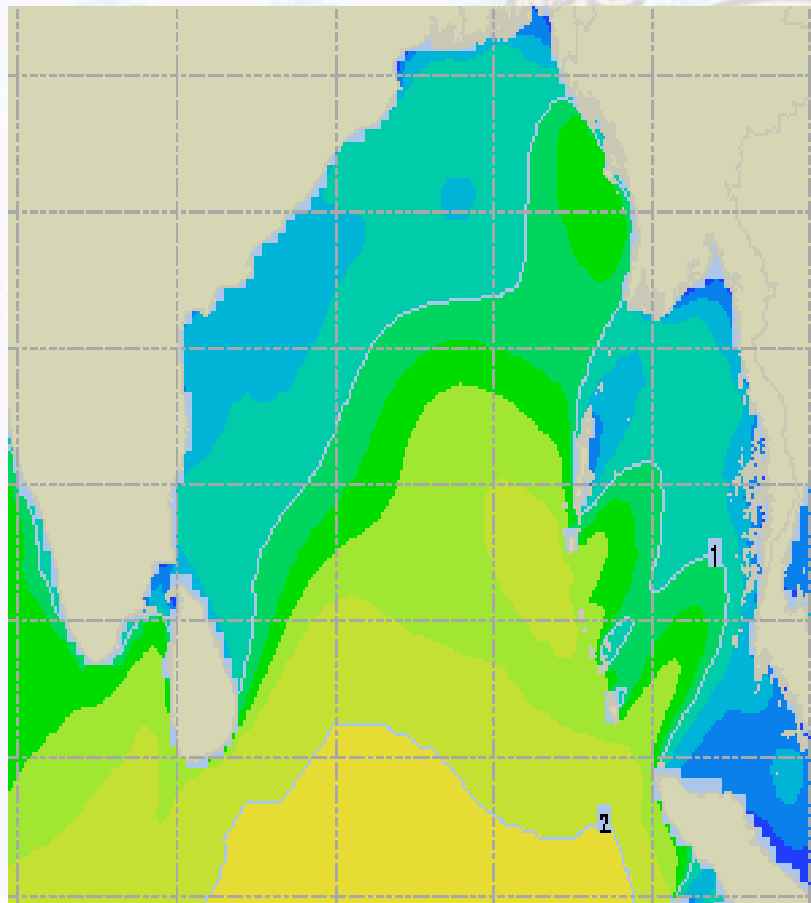




Sea State Forecast – 17 & 18 Feb - 2021

17 Feb 21 Wednesday

18 Feb 21 Thursday

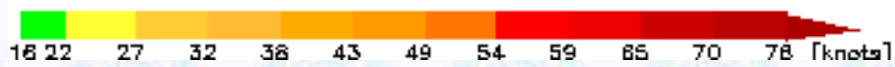
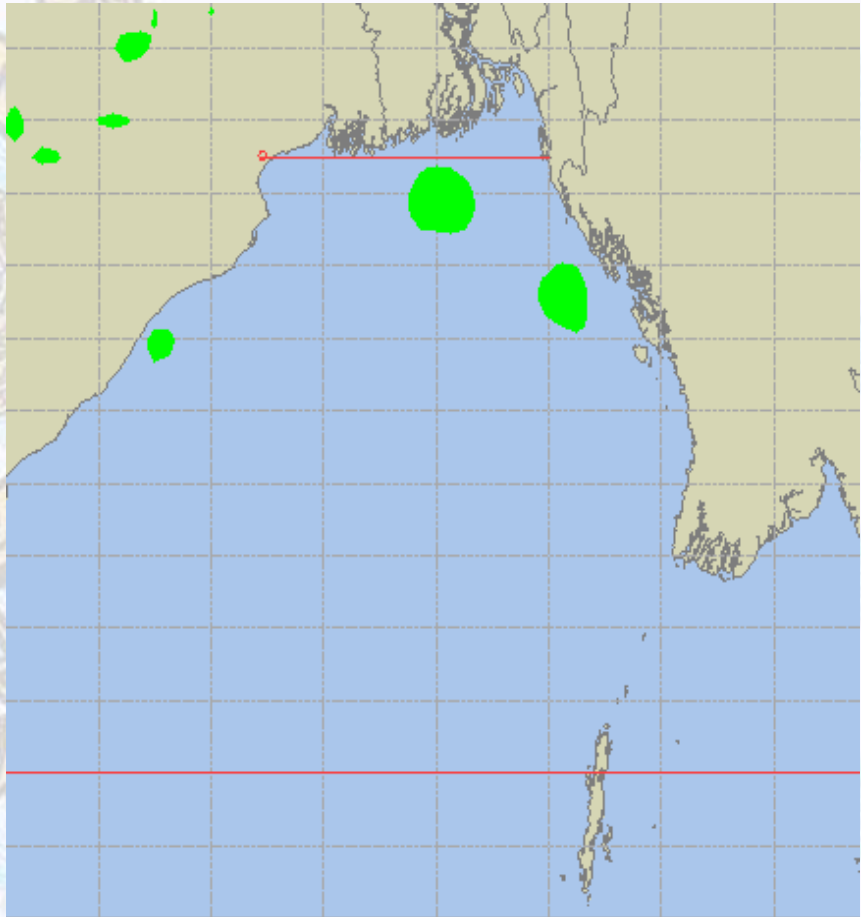
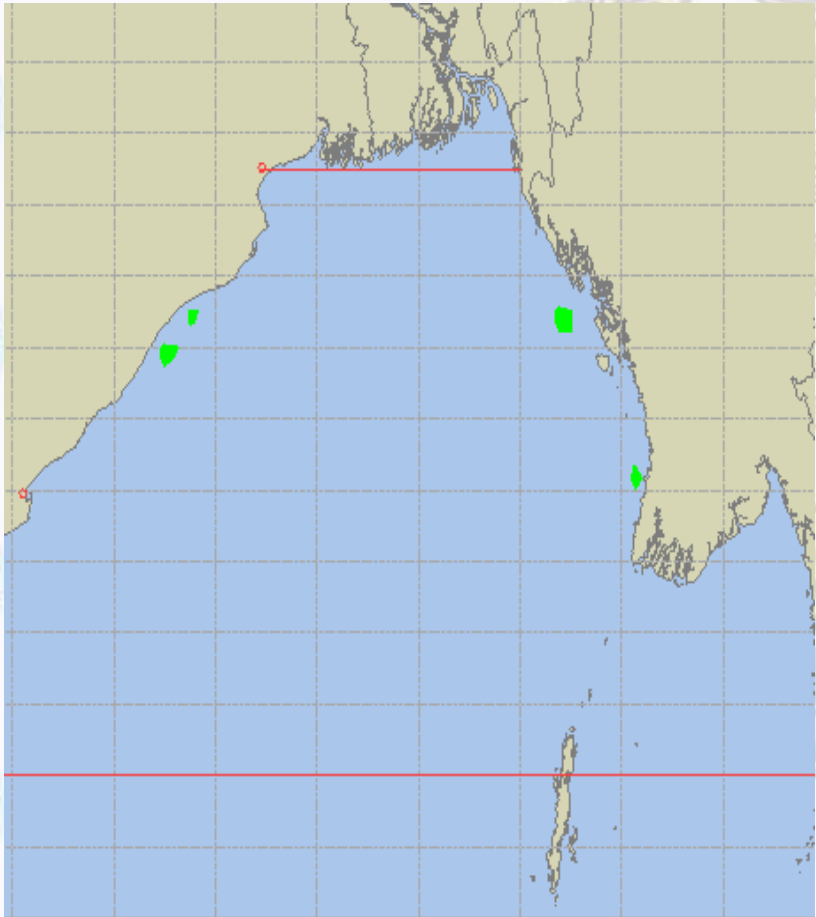




Peak Gusting Possibilities– 16 & 17 Feb 2021

16 Feb 21 Tuesday

17 Feb 21 Wednesday

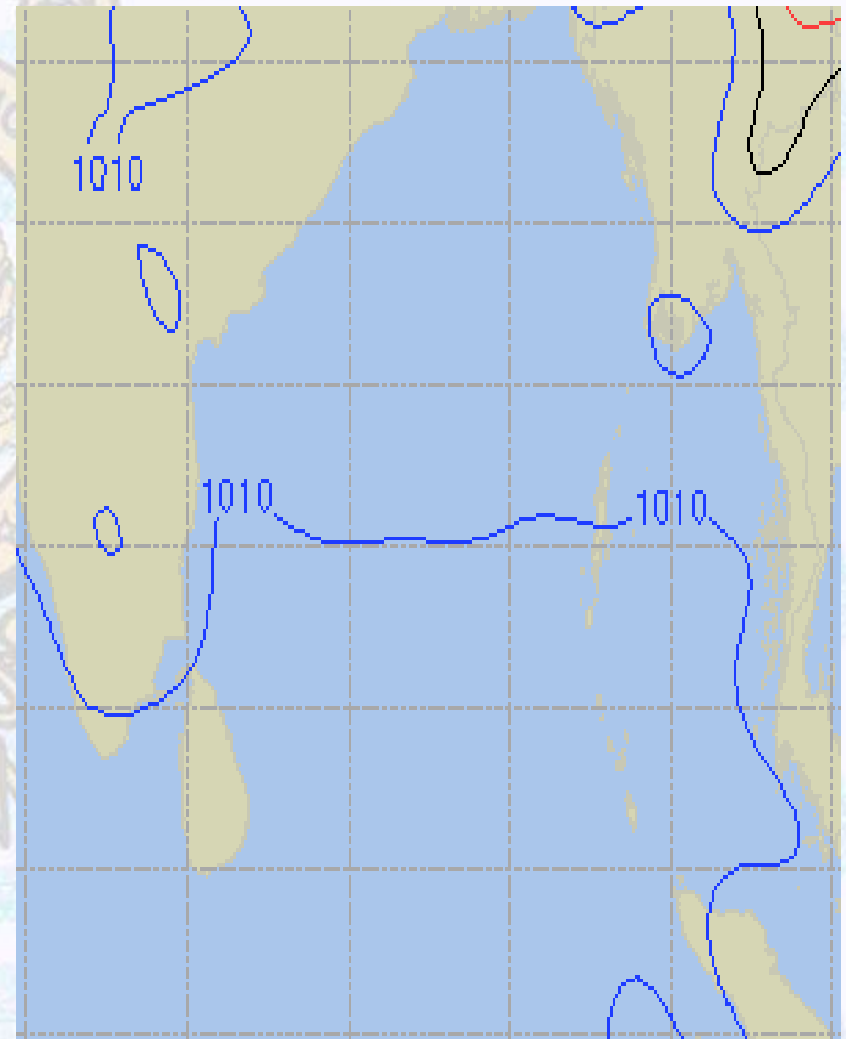
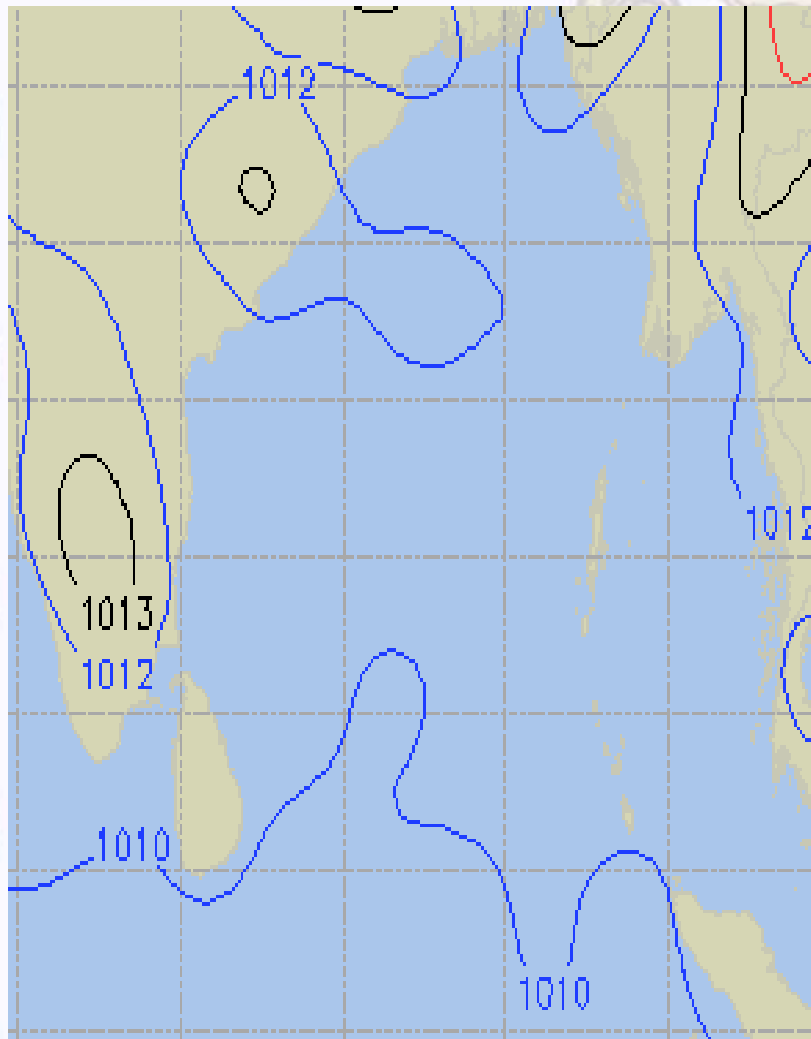




Surface Pressure forecast – 16 & 17 Feb 2021

16 Feb 21 Tuesday

17 Feb 21 Wednesday

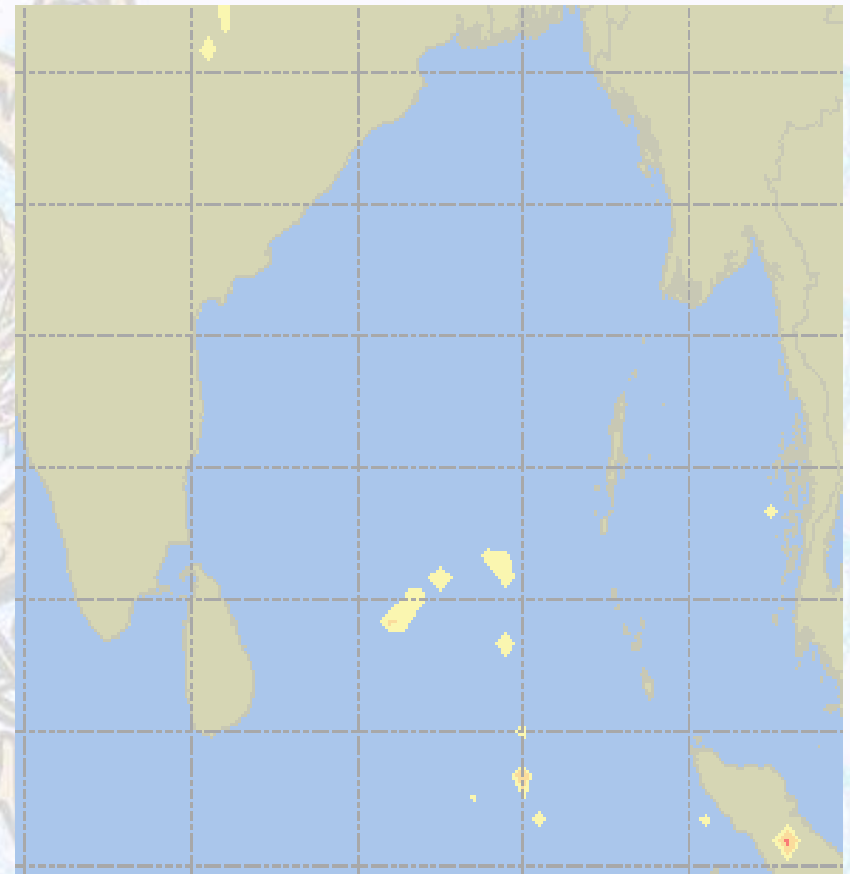
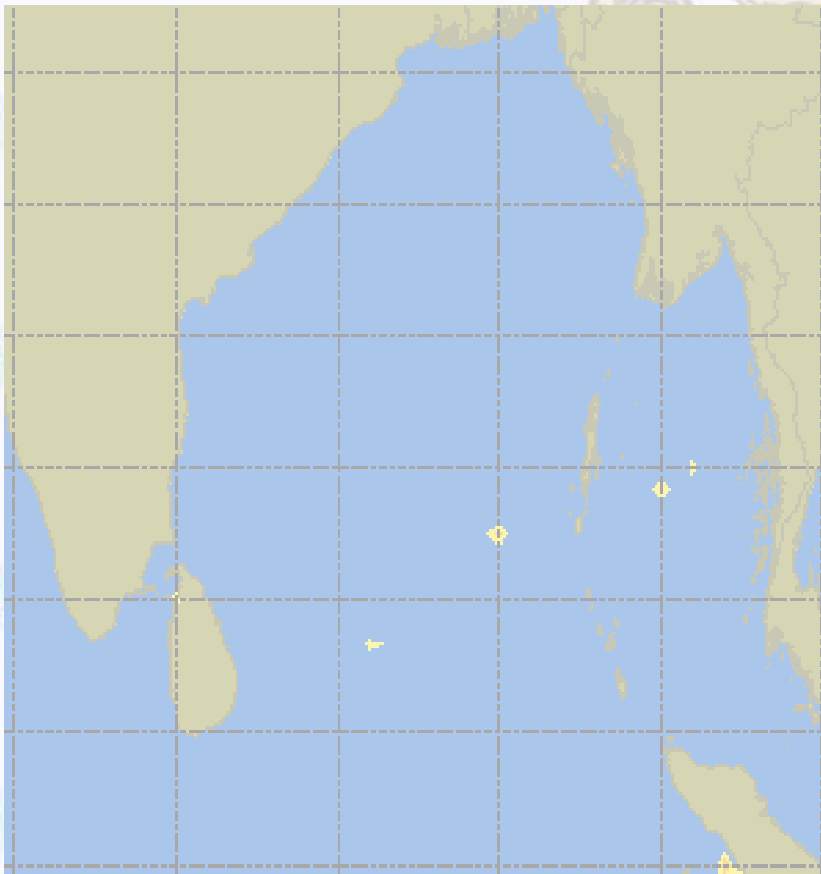




Visibility at Sea Forecast – 16 & 17 Feb 2021

16 Feb 21 Tuesday

17 Feb 21 Wednesday



Visibility Scale:



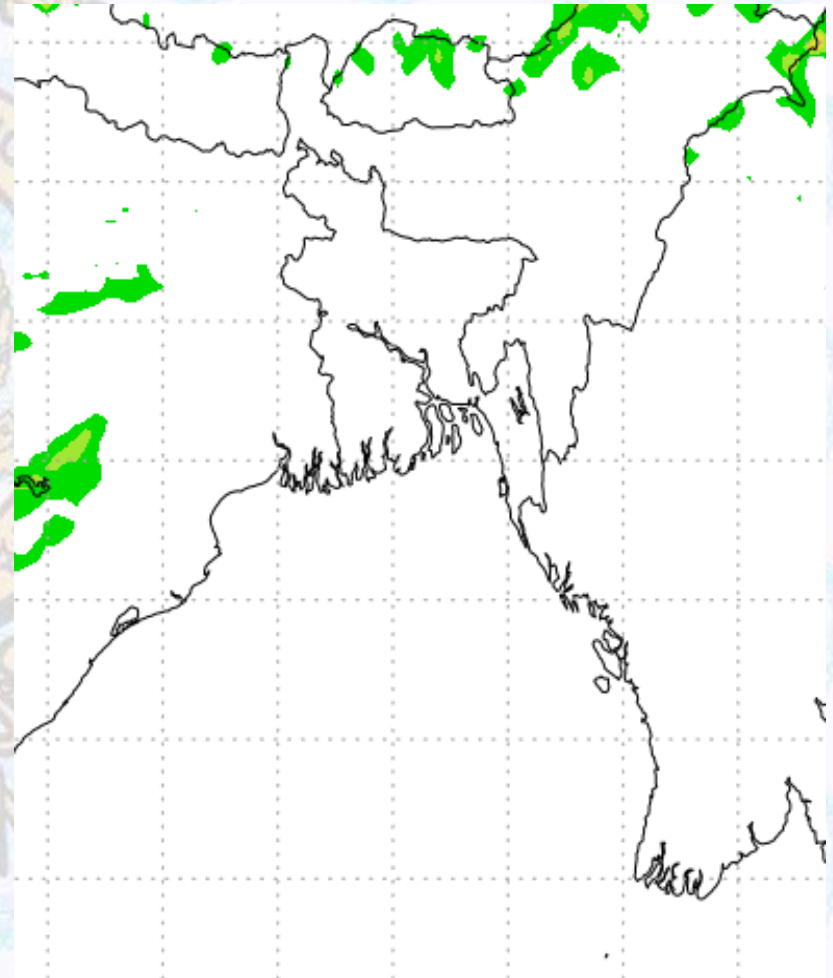
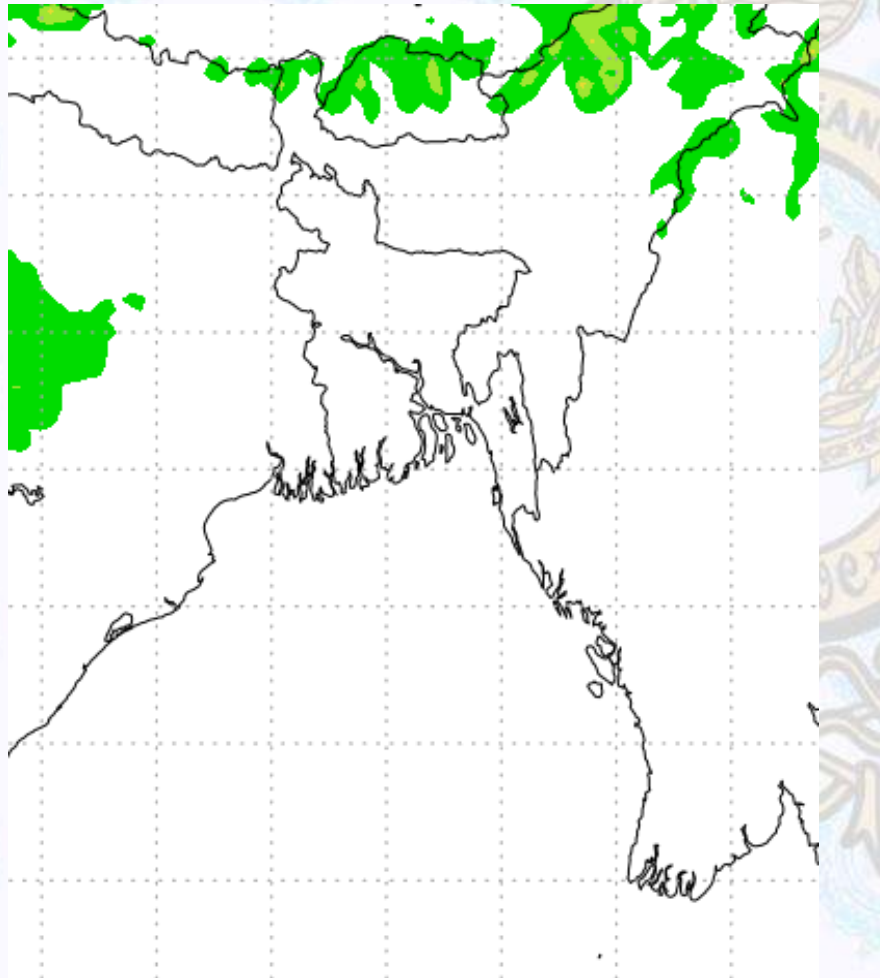
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 16 & 17 Feb 21

Rain(mm) 17 & 18 Feb 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

16 Feb 2021	Time	Height		Time	Height		Time	Height
	0318	4.24		0111	3.15		0102	2.68
	0956	0.32		0740	0.31		0724	0.44
	1545	4.03		1329	2.81		1325	2.56
	2206	0.58		1950	0.39		1933	0.64
17 Feb 2021	Time	Height		Time	Height		Time	Height
	0353	4.04		0144	2.94		0129	2.56
	1024	0.42		0807	0.41		0749	0.53
	1621	3.89		1403	2.67		1357	2.48
	2240	0.73		2020	0.51		2004	0.79
18 Feb 2021	Time	Height		Time	Height		Time	Height
	0431	3.75		0218	2.70		0200	2.41
	1054	0.58		0834	0.53		0817	0.65
	1702	3.69		1439	2.51		1432	2.37
	3.69	0.94		2056	0.66		2040	0.95