



# WEATHER FORECAST FOR BN

***19 FEB - 22 FEB 2021***



# WEATHER FORECAST – DHAKA

## 19.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 17	28 / 17	26 / 16	24 / 16
Wind	7 km/h NNW	5 km/h WNW	2 km/h NW	4 m/h NNW
Humidity	44%	49%	62%	69%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	1%	3%	45%	42%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 28 AM 17: 56 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 5.1 km

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



# WEATHER FORECAST – CHATTOGRAM

## 19.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 16	30 / 16	24 / 18	24 / 18
Wind	10 km/h NW	10 km/h WNW	7 km/h NNW	5 km/h ENE
Humidity	43%	47%	69%	82%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	1%	1%	1%	7%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 21 AM			
Sunset	17: 51 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 5.8 Km

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



# WEATHER FORECAST – KHULNA

## 19.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 15	29 / 16	24 / 17	23 / 17
Wind	7 km/h WNW	6 km/h WNW	5 km/h NNW	3 m/h NNW
Humidity	45%	51%	63%	76%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	2%	15%	25%	36%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 31 AM 18: 00 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 5.8 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	20 Feb 2021	21 Feb 2021	22 Feb 2021
<b>Temperature (C)</b>	29 °C/ 18 °C	30 °C/ 17 °C	30 °C/ 17 °C
<b>Summary</b>	Sunny/ Hazy	Sunny/ Hazy	Sunny/ Hazy
<b>Sun Rise/Set</b>	6h27m54s/17h56m36s	6h27m12s/17h57m06s	6h26m30s/17h57m30s
<b>Day Length</b>	11h28m42s	11h29m54s	11h31m00s
<b>Moon Rise/ Set</b>	11:40AM 12:30AM	12:22PM 1:24AM	1:10PM 2:18AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 52%	Waxing Gibbous, 52%	Waxing Gibbous, 71%
<b>Nautical Twilight</b>	05:38,18:46	05:38,18:46	05:37,18:47
<b>Civil Twilight</b>	06:04,18:19	06:04,18:20	06:04,18:20
<b>Humidity</b>	D : 62% N : 74%	D : 56% N : 68%	D : 51% N : 68%
<b>Barometer (mb)</b>	1015	1015	1014
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	4%	4%	3%
<b>Wind (mph)</b>	8 Km/h NNW	10 Km/h NNW	10 Km/h NW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	20 Feb 2021	21 Feb 2021	22 Feb 2021
<b>Temperature (C)</b>	27 °C/ 19 °C	29 °C/ 18 °C	30 °C/ 17 °C
<b>Summary</b>	Sunny/ Hazy	Sunny/ Hazy	Sunny/ Hazy
<b>Sun Rise/Set</b>	6h20m48s/ 17h52m12s	6h20m12s/ 17h52m36s	6h19m30s/ 17h52m54s
<b>Day Length</b>	11h31m24s	11h32m24s	11h33m24s
<b>Moon Rise/ Set</b>	11:37AM 12:22AM	12:19PM 1:15AM	1:07PM 2:09AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 52%	Waxing Gibbous, 61%	Waxing Gibbous, 71%
<b>NauticalTwilight</b>	05:32, 18:41	05:31, 18:41	05:31, 18:42
<b>Civil Twilight</b>	05:58, 18:15	05:57, 18:15	05:57, 18:16
<b>Humidity</b>	D : 72% N : 89%	D : 66% N : 74%	D : 53% N : 69%
<b>Barometer (mb)</b>	1016	1015	1014
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	8%	5%	2%
<b>Wind (mph)</b>	9 Km/h WNW	12 Km/h NW	14 Km/h NW

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



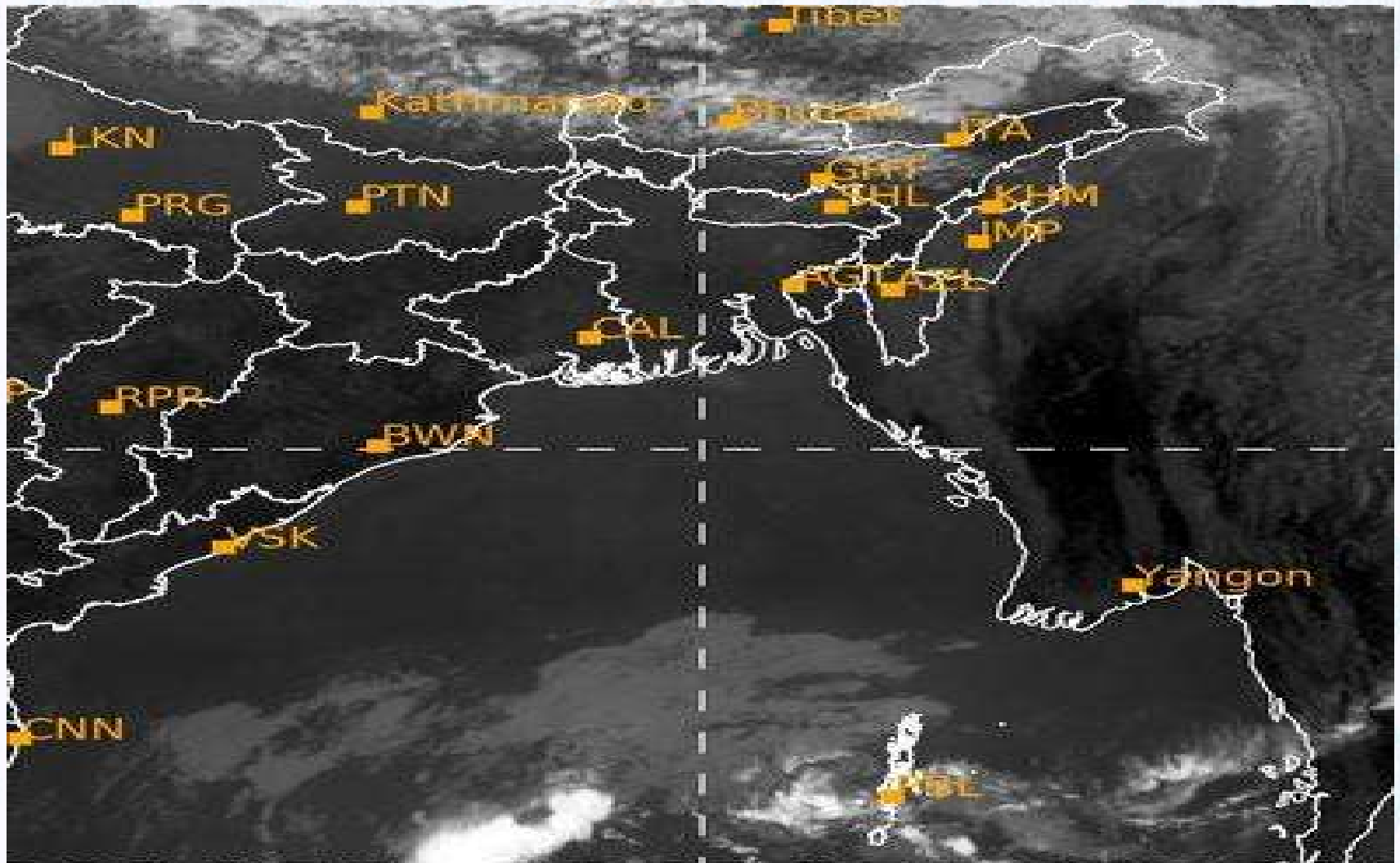
# GENERAL WEATHER FORECAST – KHULNA

Description	20 Feb 2021	21 Feb 2021	22 Feb 2021
<b>Temperature(C)</b>	29°C/ 19°C	30°C/ 18°C	30°C/ 18°C
<b>Summary</b>	Sunny/ Hazy	Sunny/ Hazy	Sunny/ Hazy
<b>Sun Rise/Set</b>	6h30m24s/ 18h00m54s	6h29m42s/ 18h01m18s	6h29m06s/ 18h01m36s
<b>Day Length</b>	11h30m30s	11h31m36s	11h32m30s
<b>Moon Rise/Set</b>	11:45AM 12:32AM	12:28PM 1:26AM	1:16PM 2:20AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 52%	Waxing Gibbous, 62%	Waxing Gibbous, 71%
<b>Nautical Twilight</b>	05:41, 18:50	05:41, 18:50	05:41, 18:51
<b>Civil Twilight</b>	06:08, 18:23	06:07, 18:24	06:07, 18:24
<b>Humidity</b>	D : 61% N : 82%	D : 55% N : 77%	D : 51% N : 74%
<b>Barometer (mb)</b>	1016	1015	1014
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	4%	3%	3%
<b>Wind (mph)</b>	10 km/h N	10 km/h N	8 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



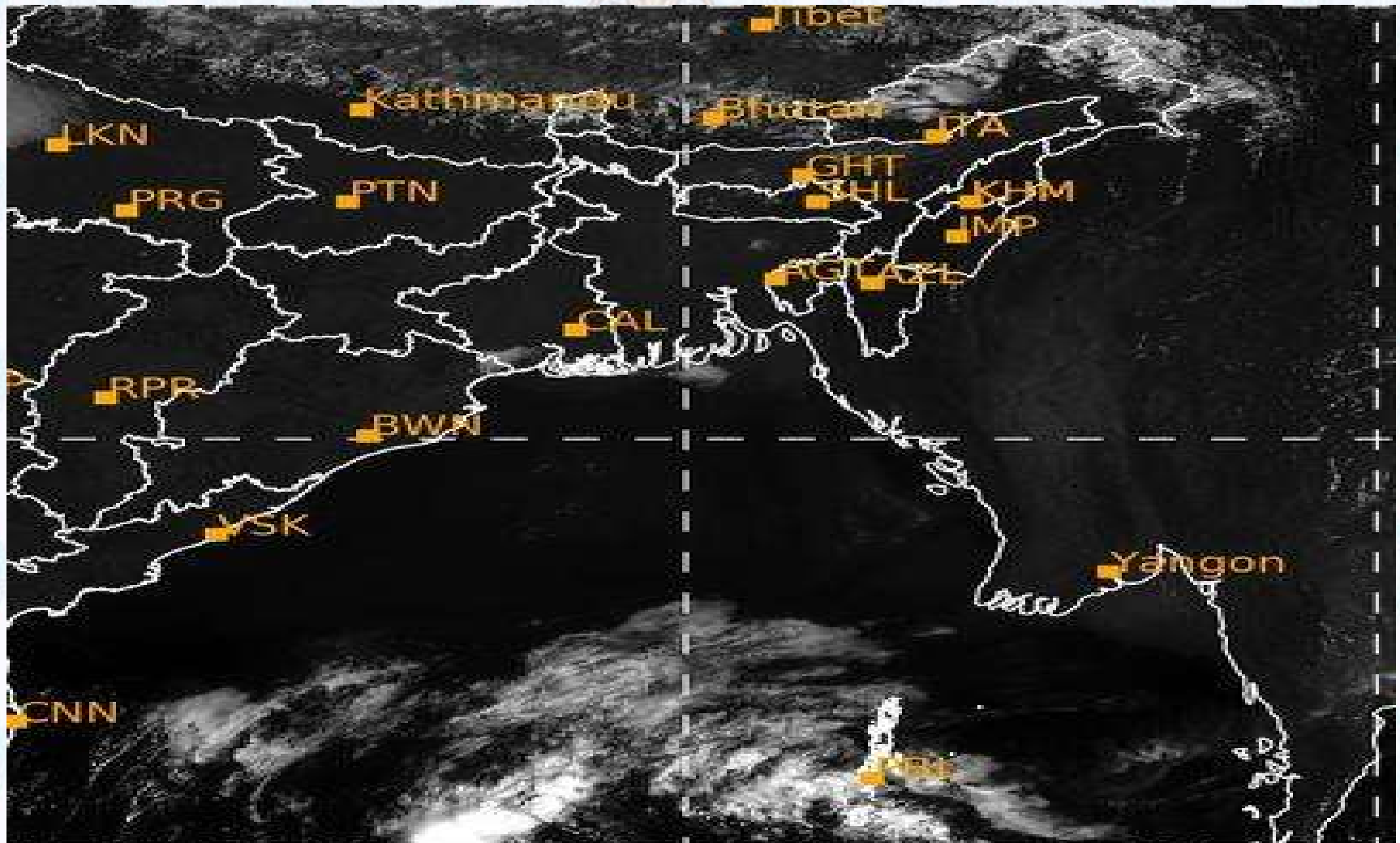
19/02/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



19/02/2021, 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 19.02.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH-EAST/NORTHERLY, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 19,0000 UTC. CHATTOGRAM =1014 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 19.02.2020)

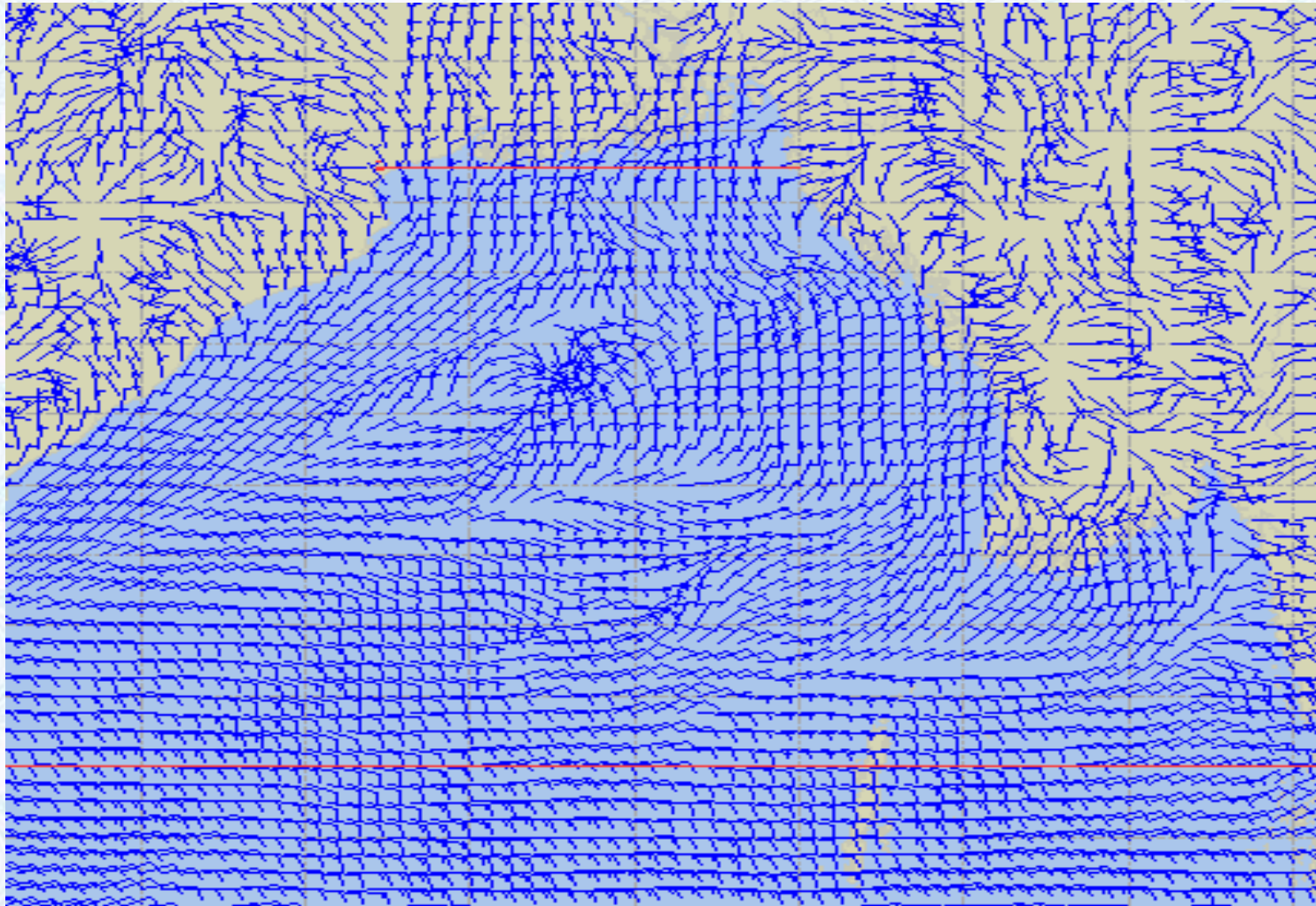
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 20 Feb - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



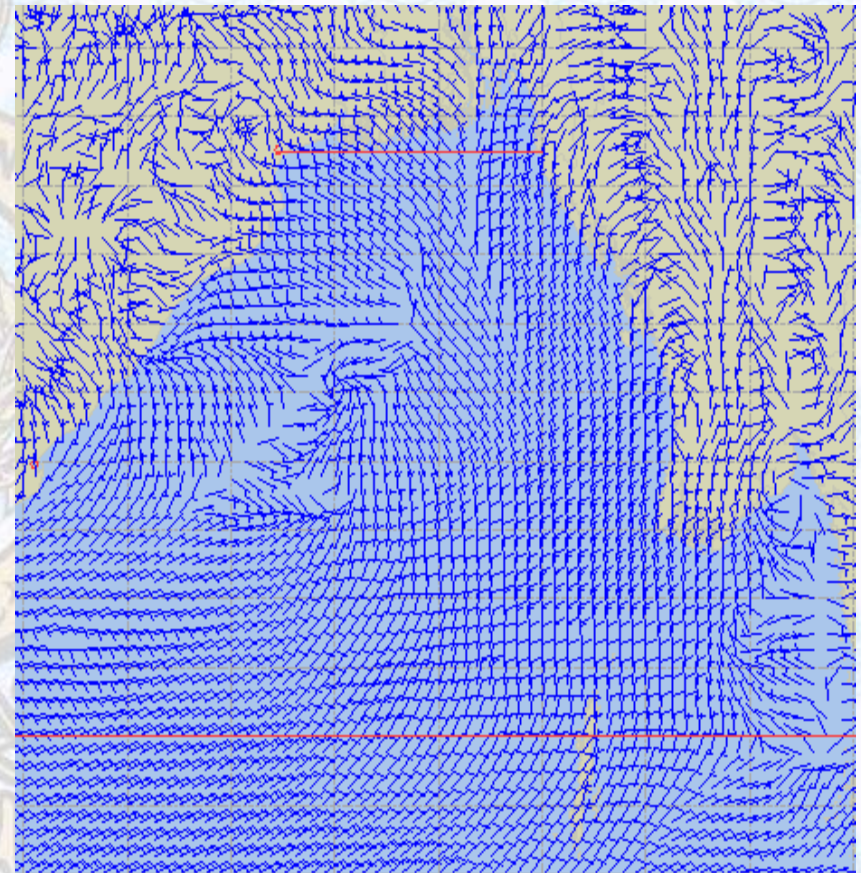
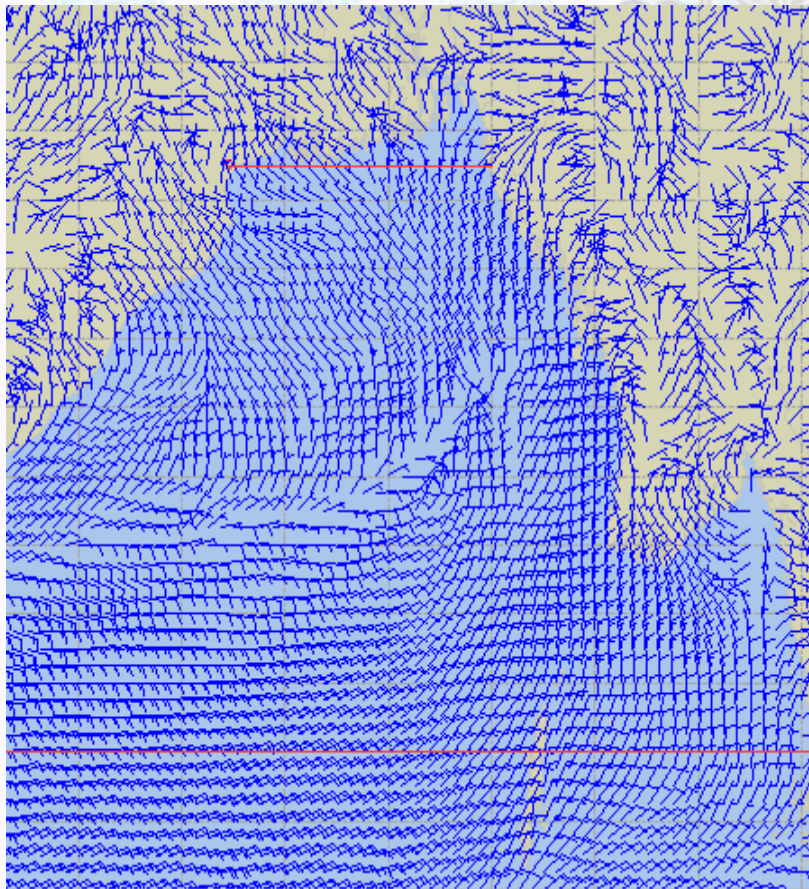
**60 Knots**



# Surface Wind Forecast – 21 & 22 Feb - 2021

21 Feb 21 Sunday

22 Feb 21 Monday



## Legend:



Calm  
Winds



5 Knots



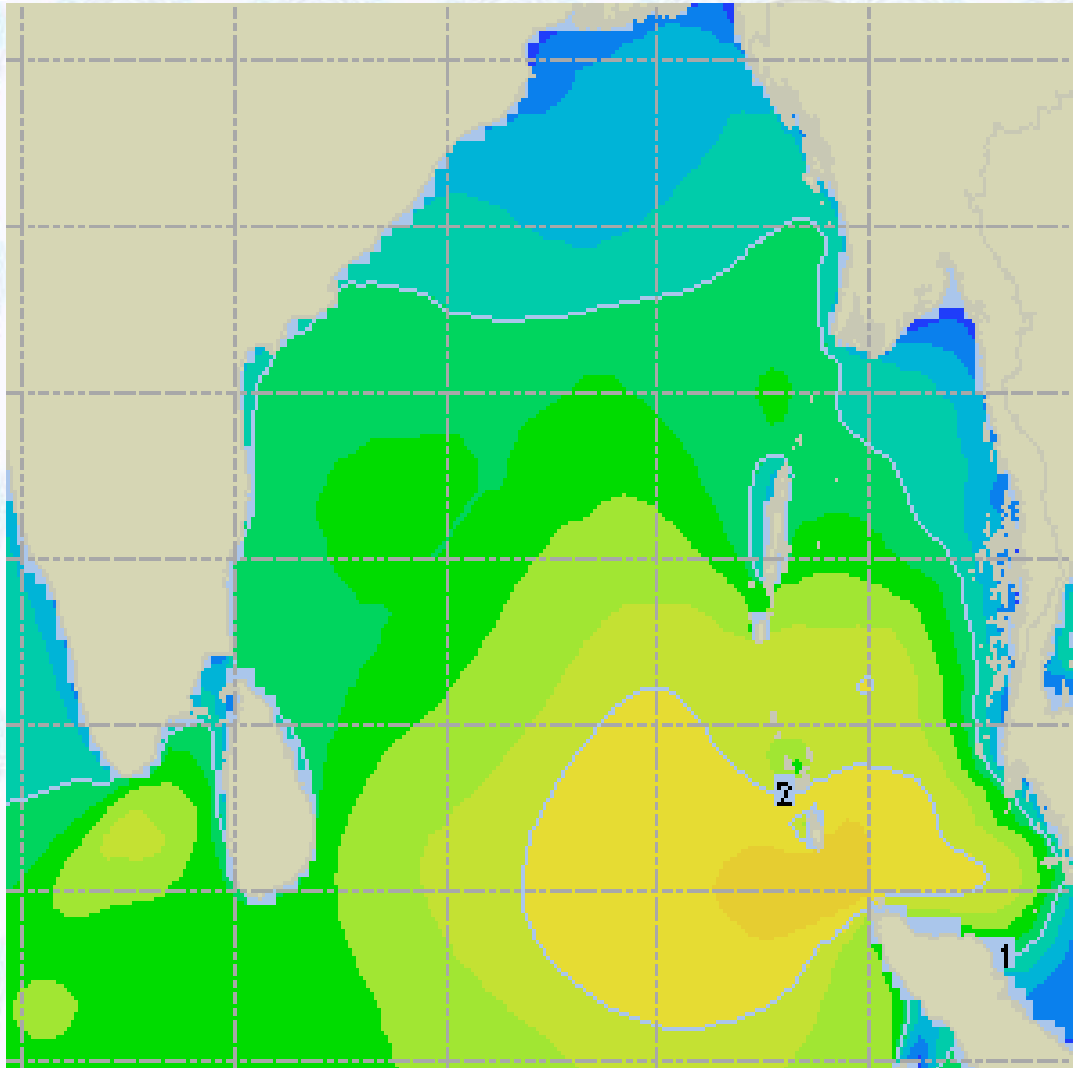
10 Knots



60 Knots



# Sea State Forecast – 20 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

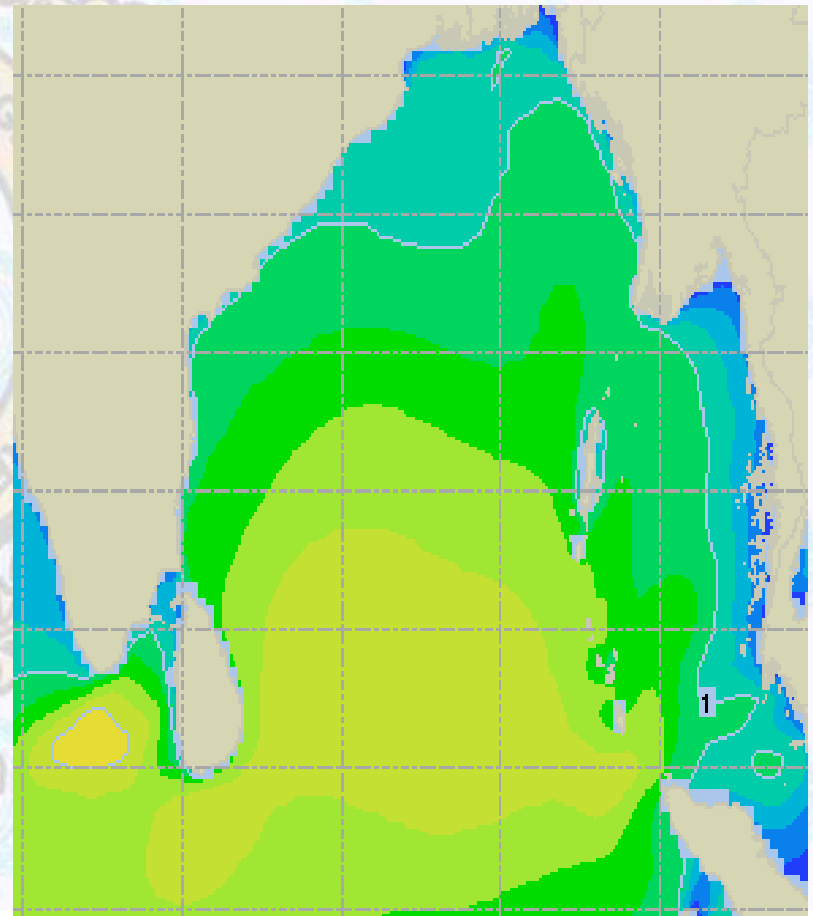
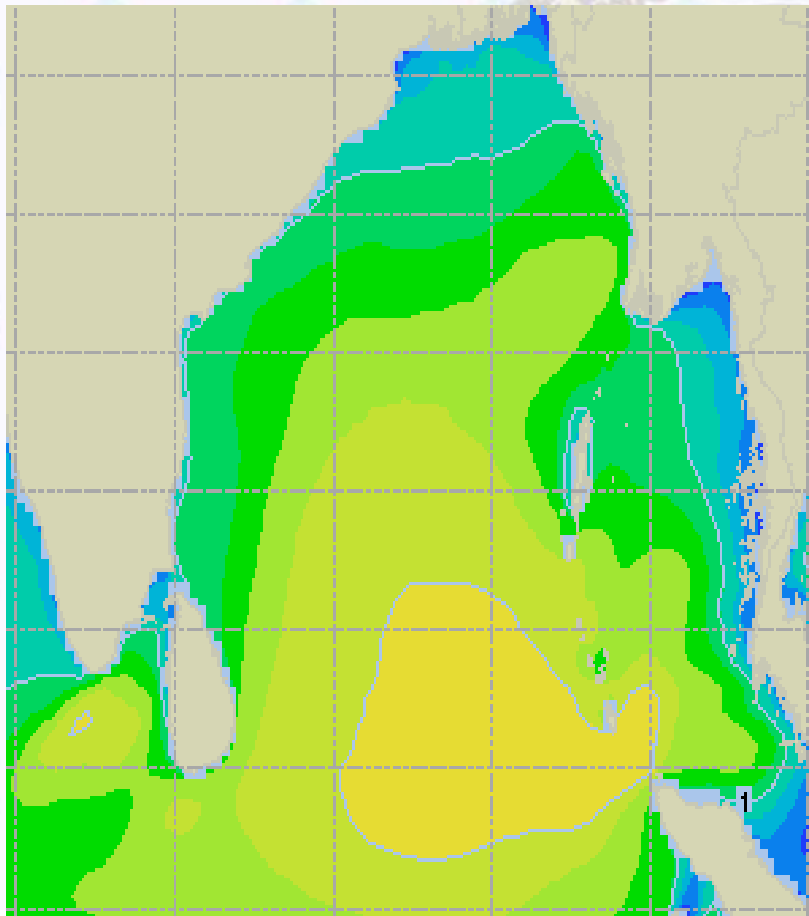




# Sea State Forecast – 21 & 22 Feb - 2021

21 Feb 21 Sunday

22 Feb 21 Monday

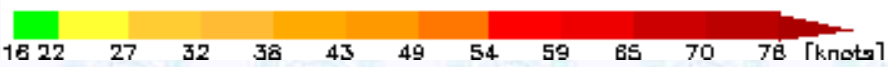
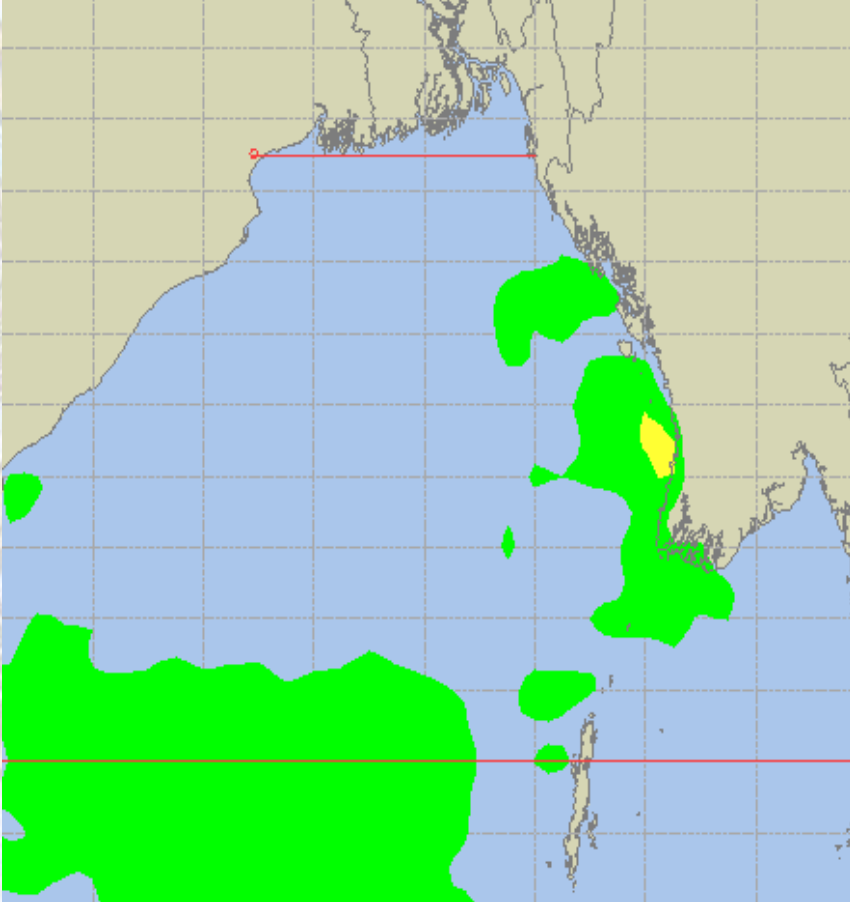
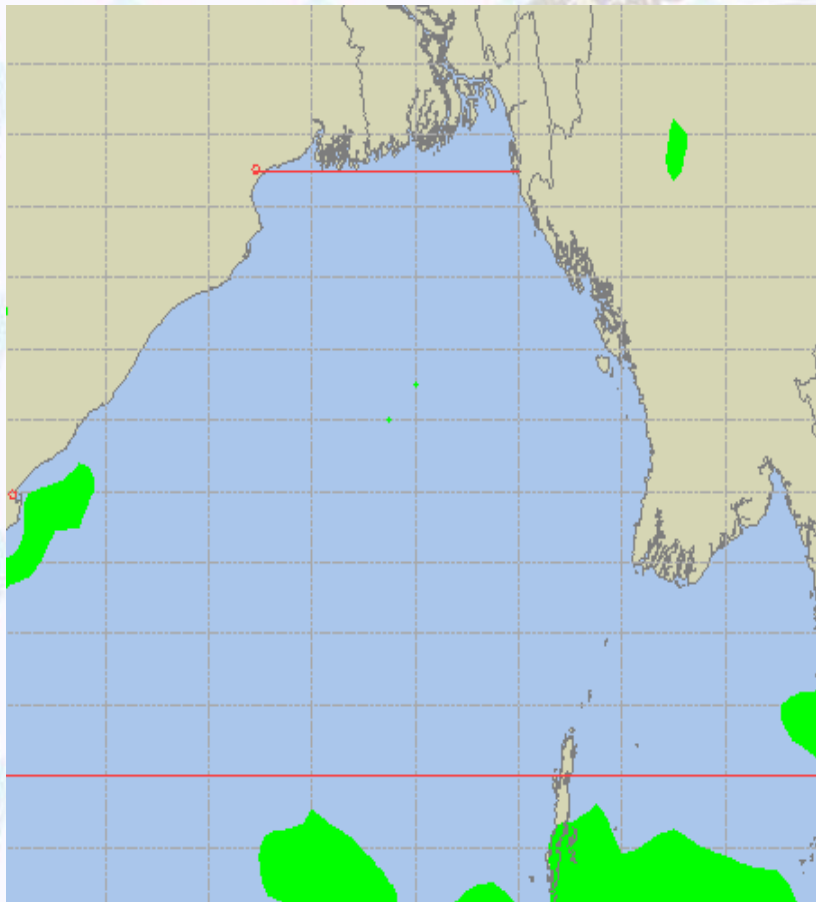




# Peak Gusting Possibilities– 20 & 21 Feb 2021

## 20 Feb 21 Saturday

## 21 Feb 21 Sunday

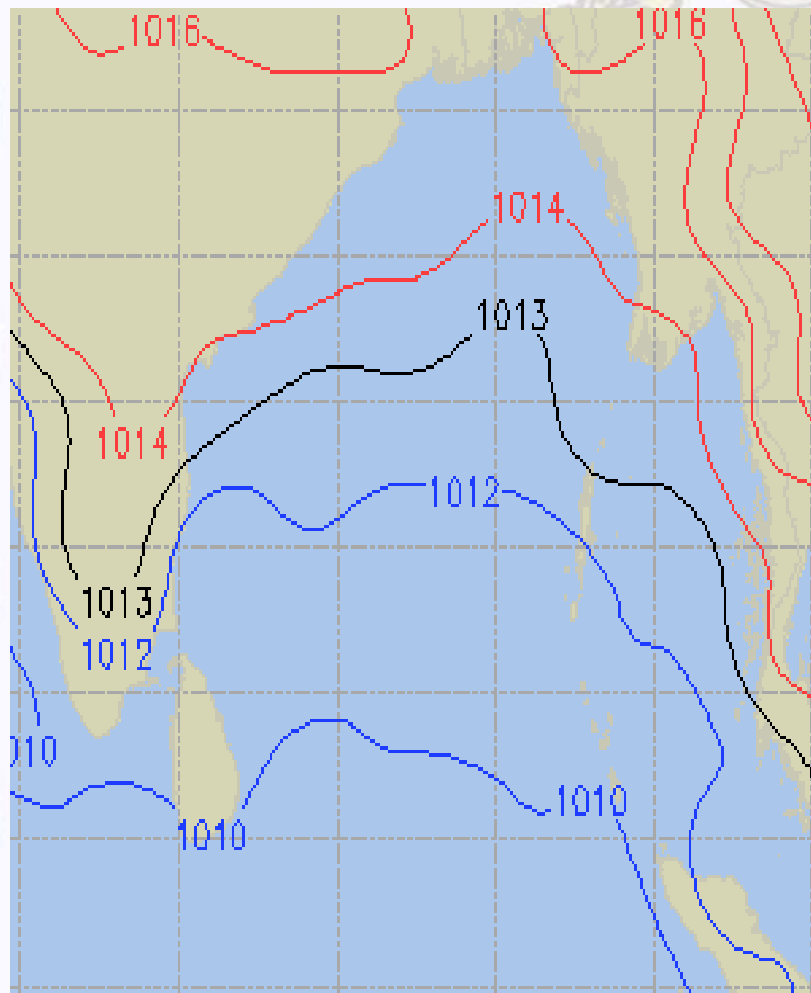




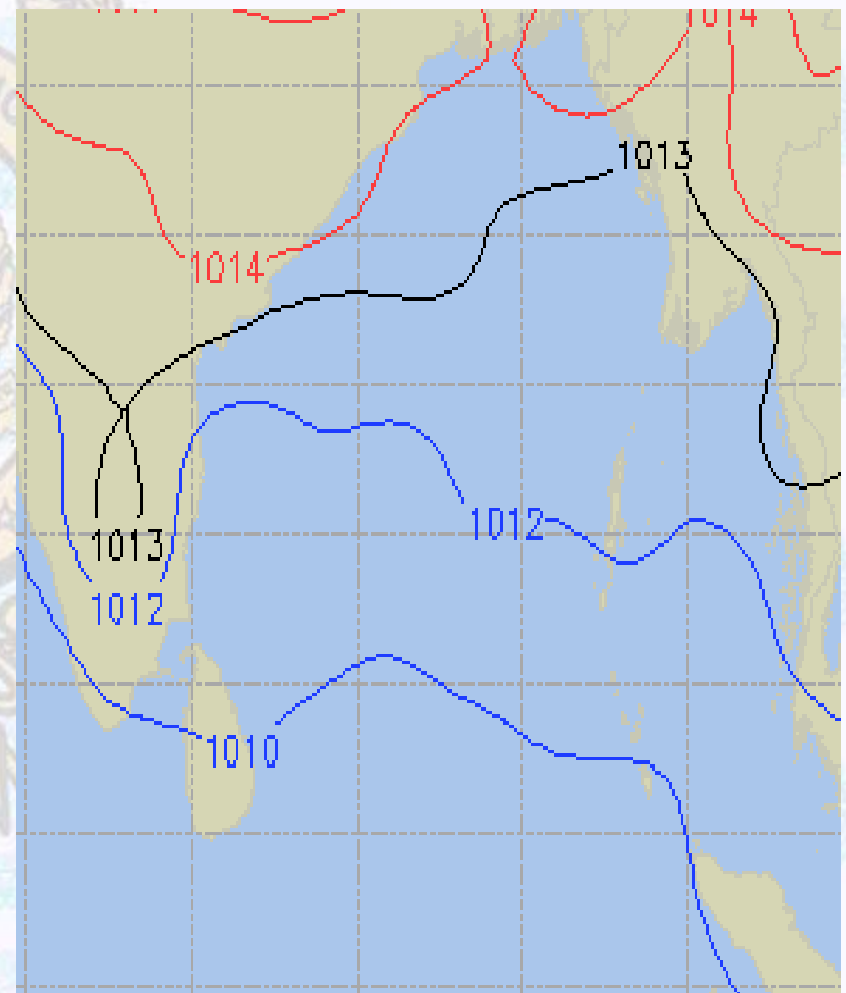


# Surface Pressure forecast – 20 & 21 Feb 2021

20 Feb 21 Saturday



21 Feb 21 Sunday

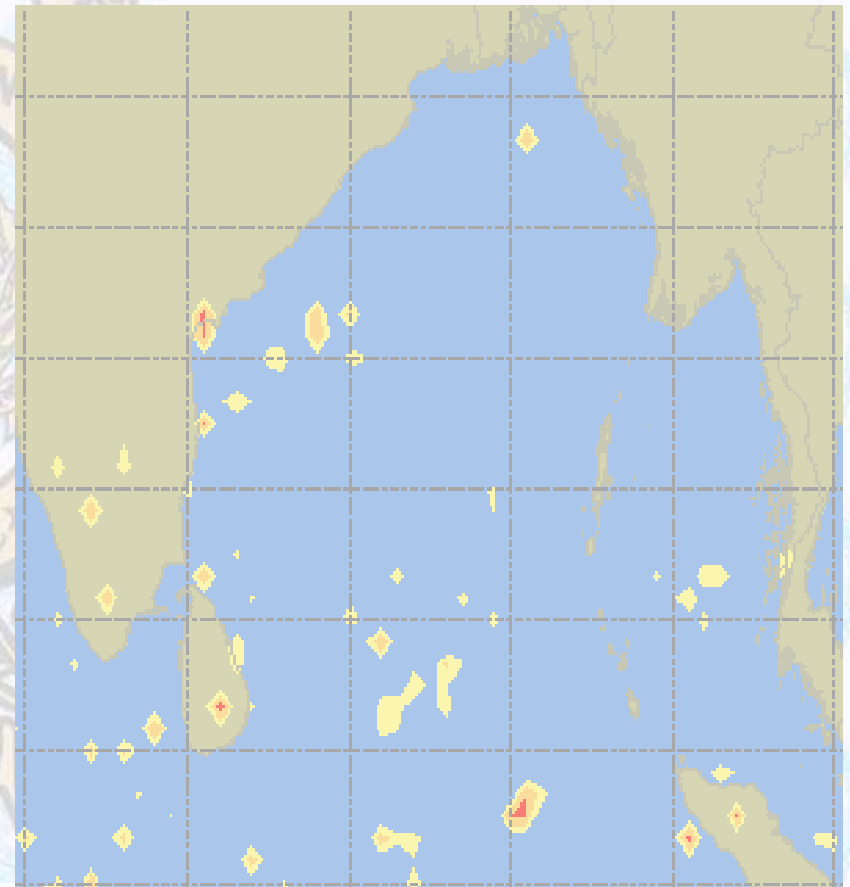
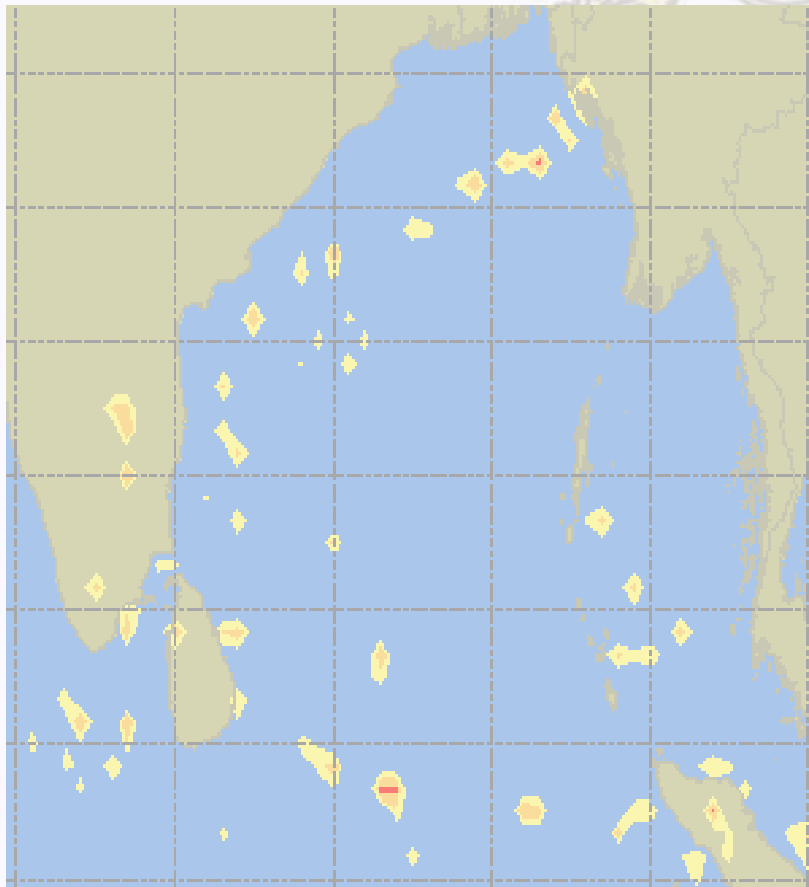




# Visibility at Sea Forecast – 20 & 21 Feb 2021

20 Feb 21 Saturday

21 Feb 21 Sunday



**Visibility Scale:**



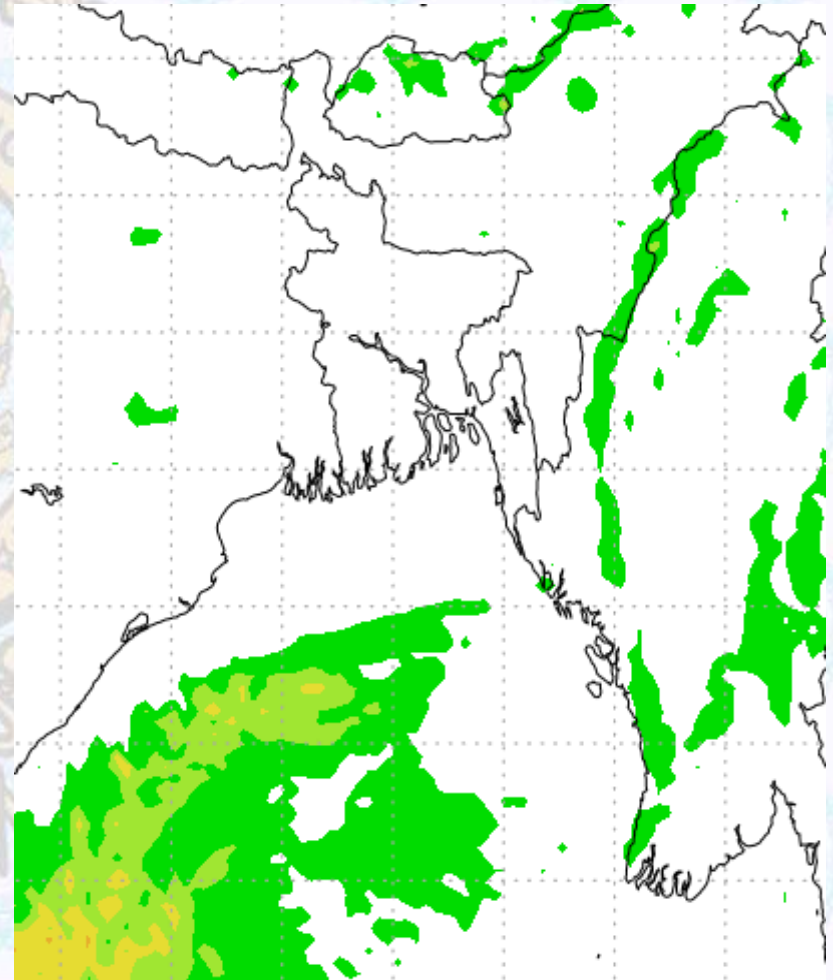
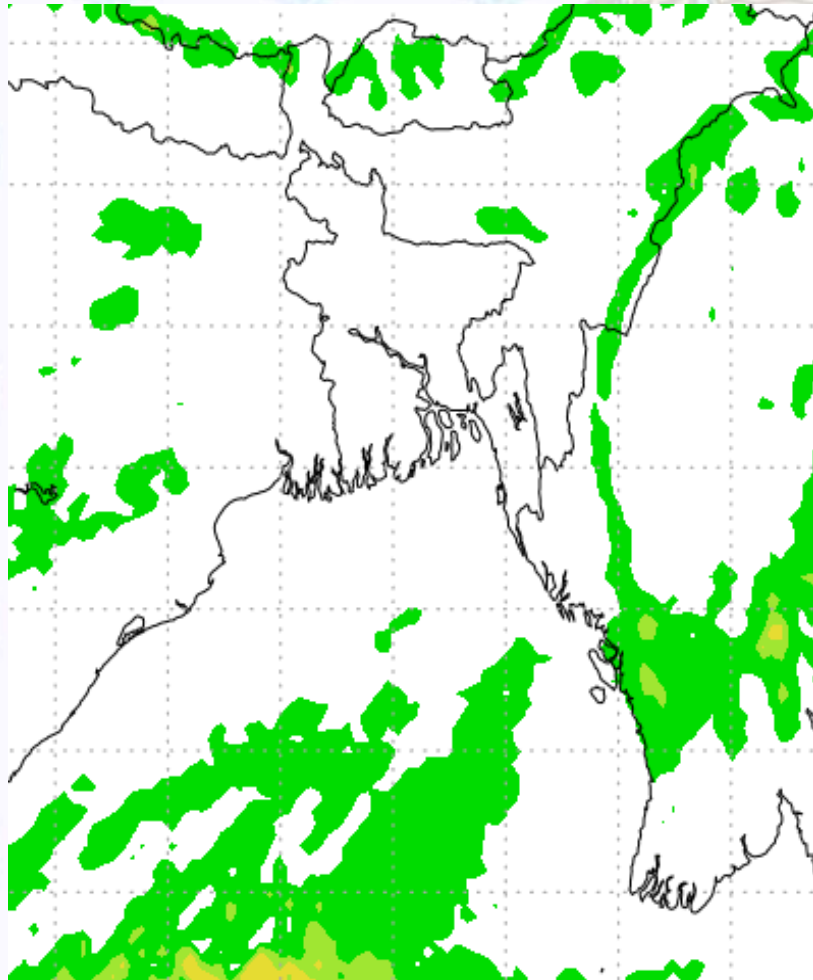
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 20 & 21 Feb 21

Rain(mm) 21 & 22 Feb 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>20 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0007	1.17		0338	2.21		0320	2.03
	0609	3.06		0952	0.82		0937	0.96
	1220	1.07		1619	2.19		1617	2.12
	1852	3.29		2240	0.99		2235	1.29
<b>21 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0116	1.37		0437	2.00		0424	1.85
	0720	2.79		1059	0.95		1051	1.10
	1330	1.29		1743	2.13		1742	2.06
	2009	3.22		-	-		-	-
<b>22 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0257	1.43		0012	1.08		0037	1.32
	0852	2.72		0601	1.90		0609	1.77
	1458	1.36		1232	0.99		1230	1.11
	2119	3.33		1917	2.24		1930	2.14