



WEATHER FORECAST FOR BN

18 FEB - 21 FEB 2021





WEATHER FORECAST – DHAKA

18.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 17	28 / 16	25 / 17	23 / 17
Wind	8 km/h NNW	7 km/h WNW	3 km/h NW	4 m/h NNW
Humidity	49%	50%	63%	68%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	2%	5%	49%	54%
Conditions	Sunny	Sunny	Partly Cloudy	Partly Cloudy
Sunrise Sunset	06: 30 AM 17: 54 PM			

Conditions

Pressure : 1013 hpa

Visibility : 3.22 km

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



WEATHER FORECAST – CHATTOGRAM

18.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 15	29 / 16	23 / 17	21 / 18
Wind	11 km/h NW	11 km/h WNW	6 km/h WNW	4 km/h ENE
Humidity	42%	45%	68%	80%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	1%	1%	1%	7%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 23 AM			
Sunset	17: 50 PM			

Conditions

Pressure : 1013 hpa

Visibility : 5.5 Km

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



WEATHER FORECAST – KHULNA

18.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 15	29 / 16	24 / 17	22 / 17
Wind	7 km/h NNW	6 km/h NNW	4 km/h NNW	3 m/h NNW
Humidity	42%	44%	64%	75%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	6%	20%	37%	48%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 33 AM 17: 59 PM			

Conditions

Pressure : 1013 hpa

Visibility : 5.6 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	19 Feb 2021	20 Feb 2021	21 Feb 2021
Temperature (C)	29 °C/ 20 °C	29 °C/ 19 °C	30 °C/ 18 °C
Summary	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
Sun Rise/Set	6h28m36s/17h56m12s	6h27m54s/17h56m36s	6h27m12s/17h57m06s
Day Length	11h27m36s	11h28m42s	11h29m54s
Moon Rise/ Set	11:01AM -	11:40AM 12:30AM	12:22PM 1:24AM
Moon Phase/ illu	First Quarter, 42%	Waxing Gibbous, 52%	Waxing Gibbous, 52%
Nautical Twilight	05:39,18:45	05:38,18:46	05:38,18:46
Civil Twilight	06:05,18:19	06:04,18:19	06:04,18:20
Humidity	D : 63% N : 74%	D : 62% N : 75%	D : 56% N : 69%
Barometer (mb)	1015	1015	1015
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	4%	4%	4%
Wind (mph)	8 Km/h NNW	8 Km/h NNW	10 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 Feb 2021	20 Feb 2021	21 Feb 2021
Temperature (C)	28 °C/ 19 °C	27 °C/ 19 °C	29 °C/ 18 °C
Summary	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
Sun Rise/Set	6h21m24s/ 17h51m54s	6h20m48s/ 17h52m12s	6h20m12s/ 17h52m36s
Day Length	11h30m30s	11h31m24s	11h32m24s
Moon Rise/ Set	10:58AM -	11:37AM 12:22AM	12:19PM 1:15AM
Moon Phase/ illu	First Quarter, 42%	Waxing Gibbous, 52%	Waxing Gibbous, 61%
NauticalTwilight	05:32, 18:40	05:32, 18:41	05:31, 18:41
Civil Twilight	05:58, 18:14	05:58, 18:15	05:57, 18:15
Humidity	D : 65% N : 89%	D : 72% N : 89%	D : 66% N : 76%
Barometer (mb)	1016	1016	1015
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	4%	8%	5%
Wind (mph)	10 Km/h W	9 Km/h W	12 Km/h NW

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



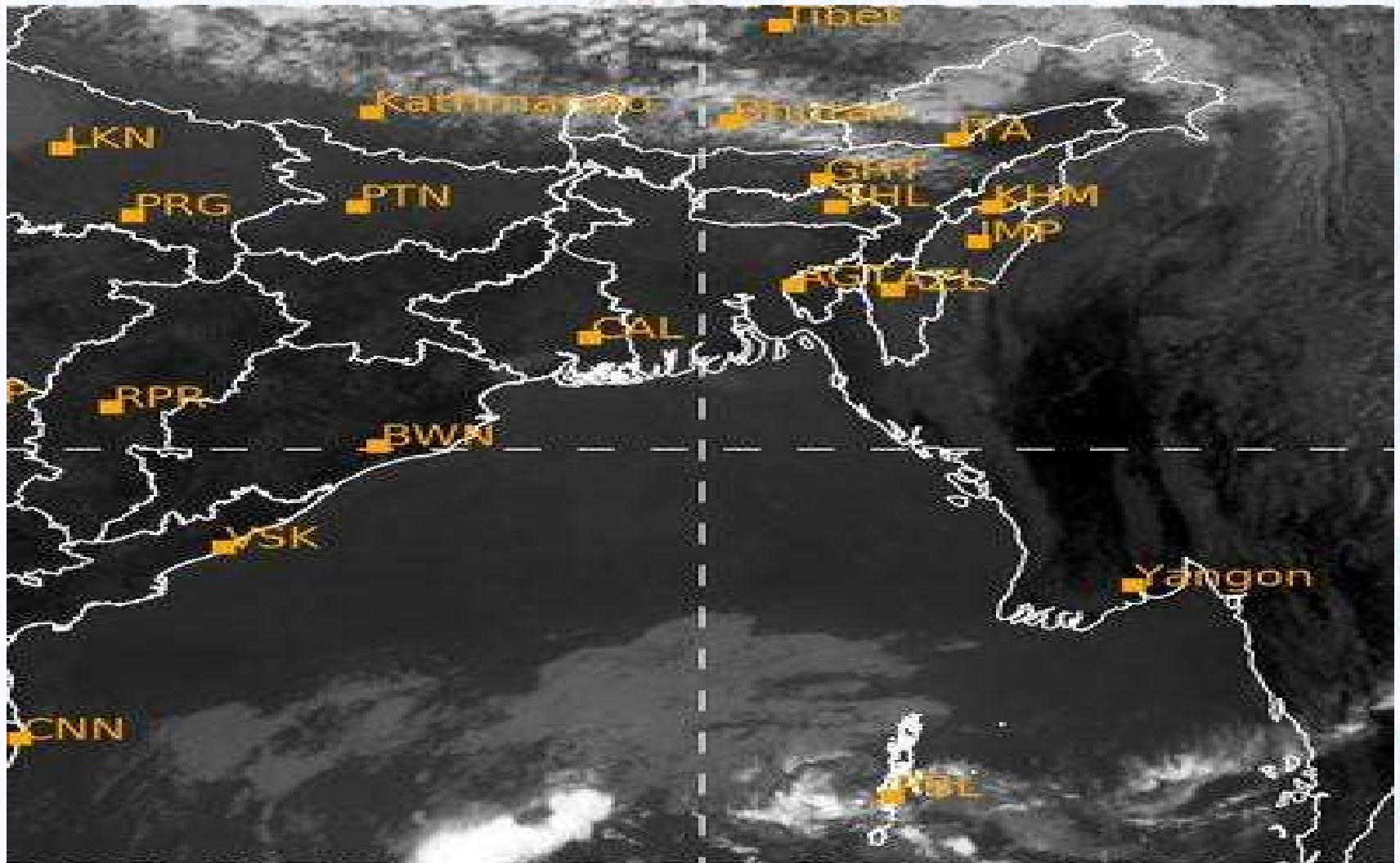
GENERAL WEATHER FORECAST – KHULNA

Description	19 Feb 2021	20 Feb 2021	21 Feb 2021
Temperature(C)	30°C/ 20°C	29°C/ 19°C	30°C/ 18°C
Summary	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
Sun Rise/Set	6h31m00s/ 17h59m30s	6h30m24s/ 18h00m54s	6h29m42s/ 18h01m18s
Day Length	11h29m30s	11h30m30s	11h31m36s
Moon Rise/Set	11:06AM -	11:45AM 12:32AM	12:28PM 1:26AM
Moon Phase/illu	First Quarter, 42%	Waxing Gibbous, 52%	Waxing Gibbous, 62%
Nautical Twilight	05:42, 18:49	05:41, 18:50	05:41, 18:50
Civil Twilight	06:08, 18:23	06:08, 18:23	06:07, 18:24
Humidity	D : 60% N : 78%	D : 61% N : 83%	D : 56% N : 78%
Barometer (mb)	1015	1016	1015
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	4%	4%	4%
Wind (mph)	8 km/h N	10 km/h N	10 km/h N

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



SATELLITE VIEW OF BAY OF BENGAL

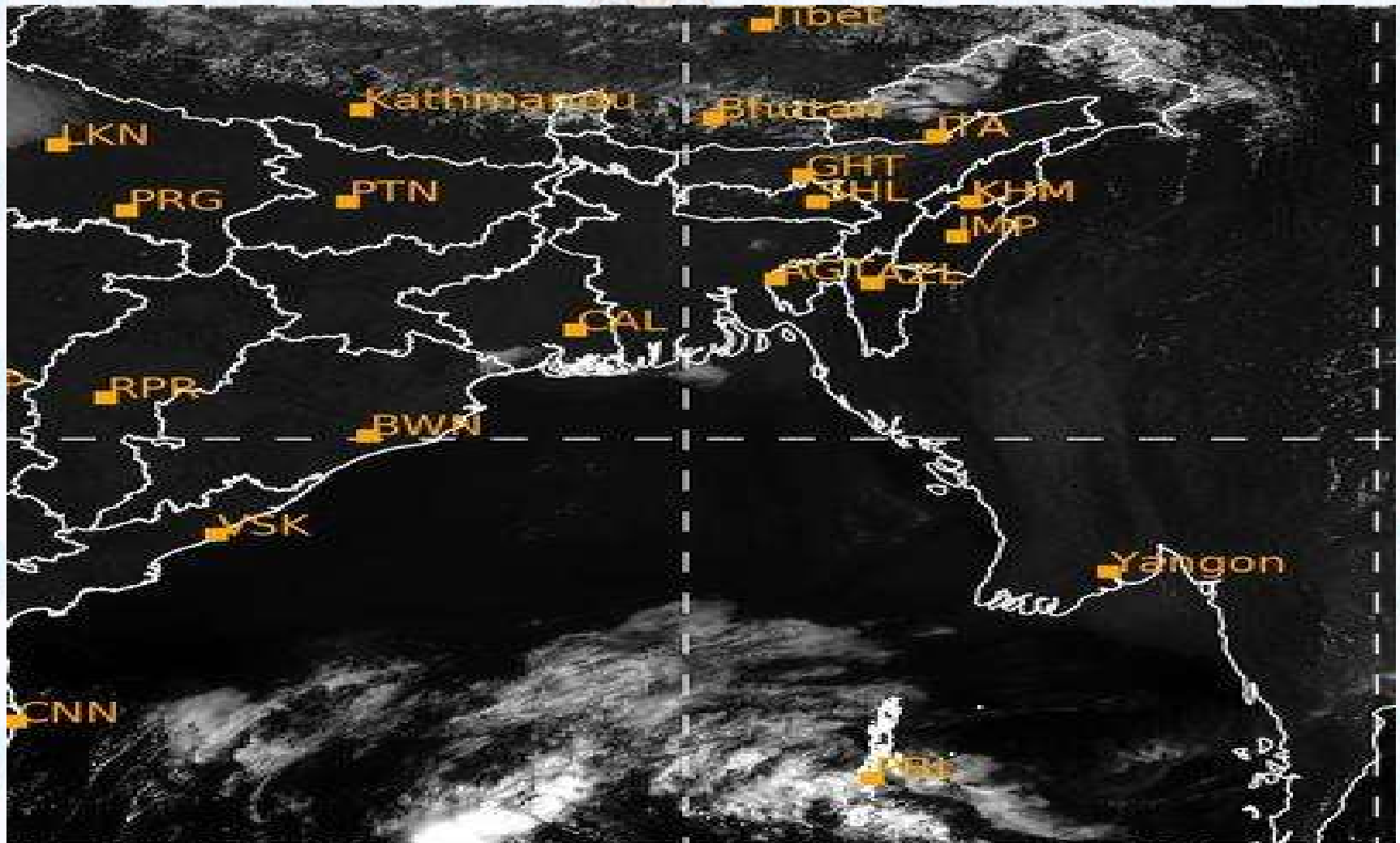


18/02/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



18/02/2021, 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 18.02.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY, EXTENDING ITS TROUGH TO NORTH BAY.	
Part Three	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 = 18,0000 UTC. CHATTOGRAM =1013 HPA



Inland River Port Warning (VALID TILL 06 PM OF 18.02.2020)

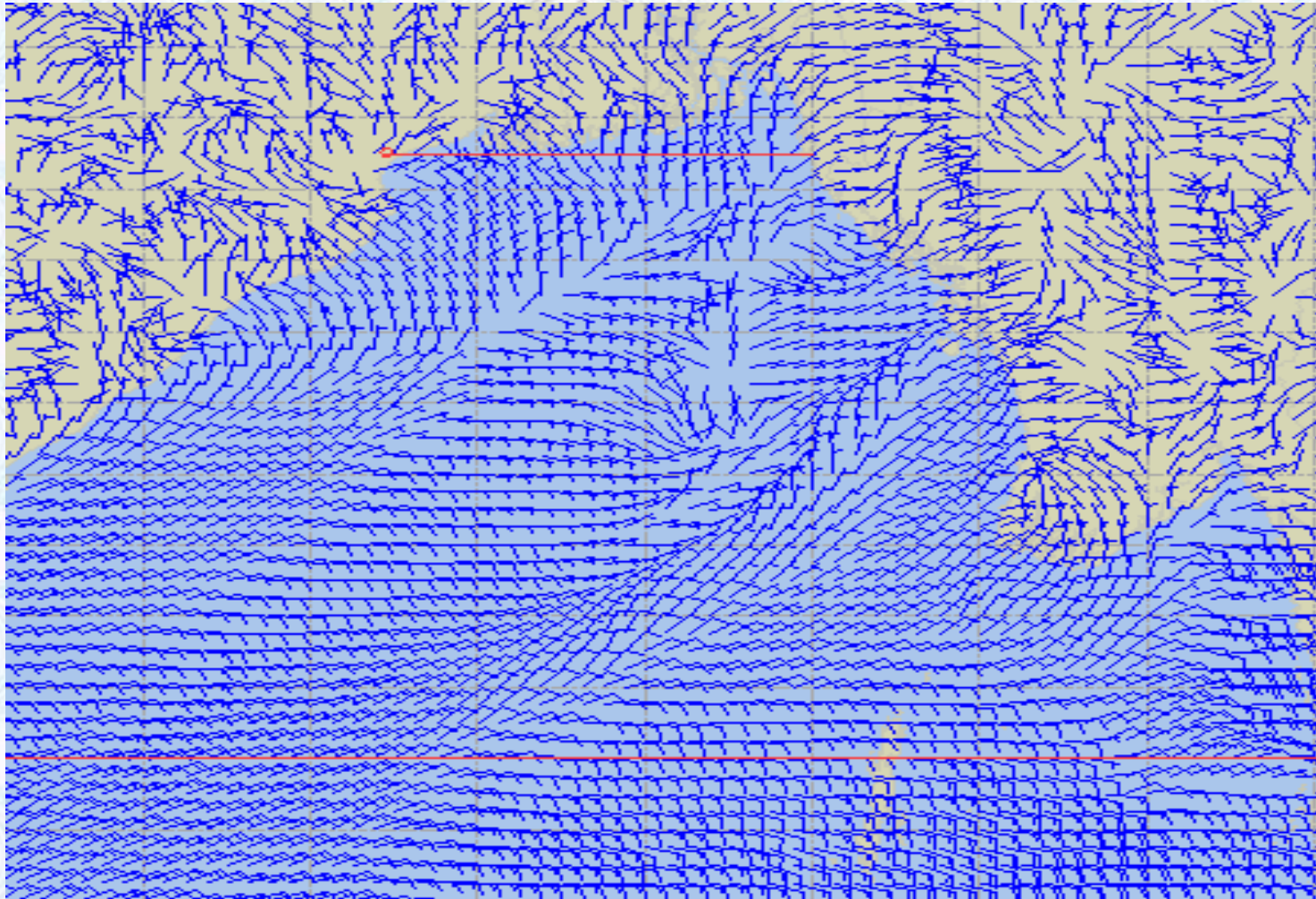
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 19 Feb - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



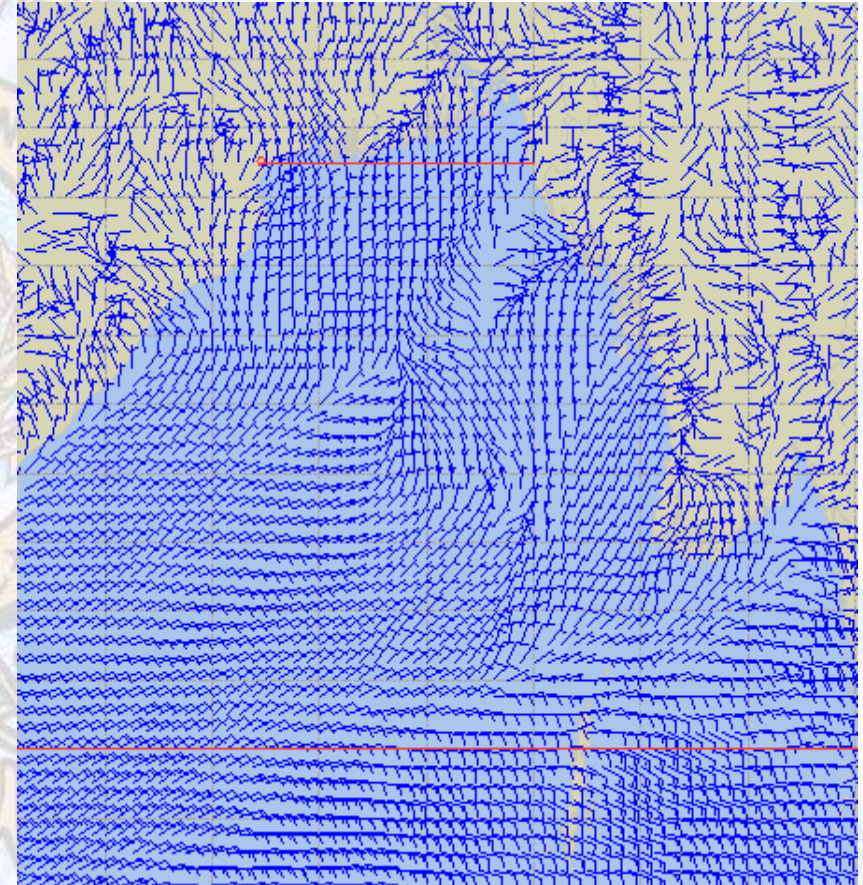
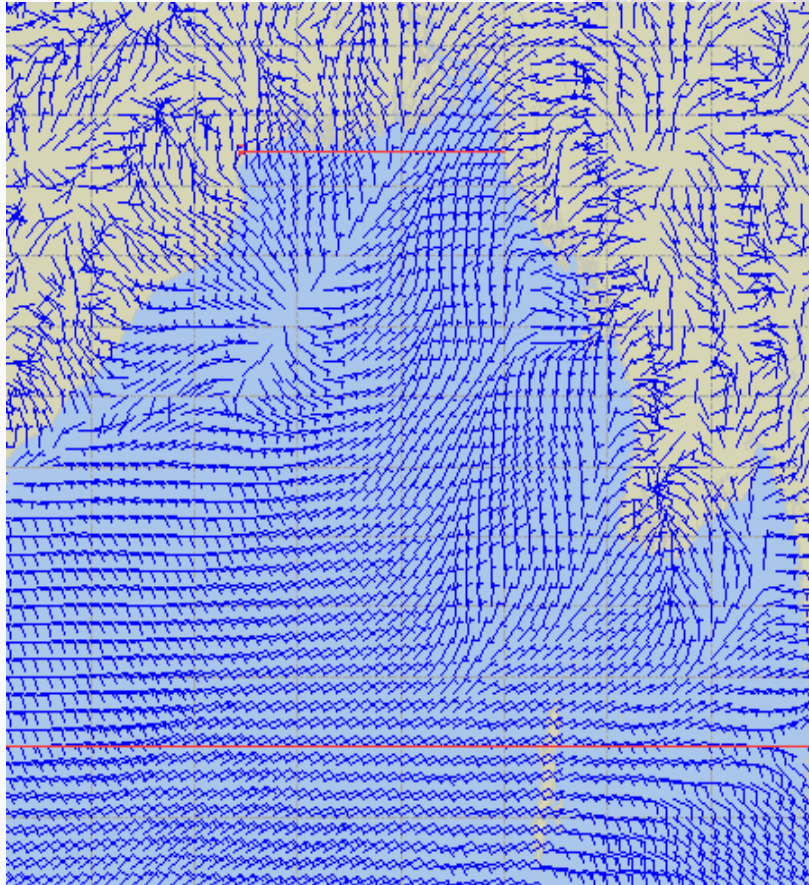
60 Knots



Surface Wind Forecast – 20 & 21 Feb - 2021

20 Feb 21 Saturday

21 Feb 21 Sunday



Legend:



Calm
Winds



5 Knots



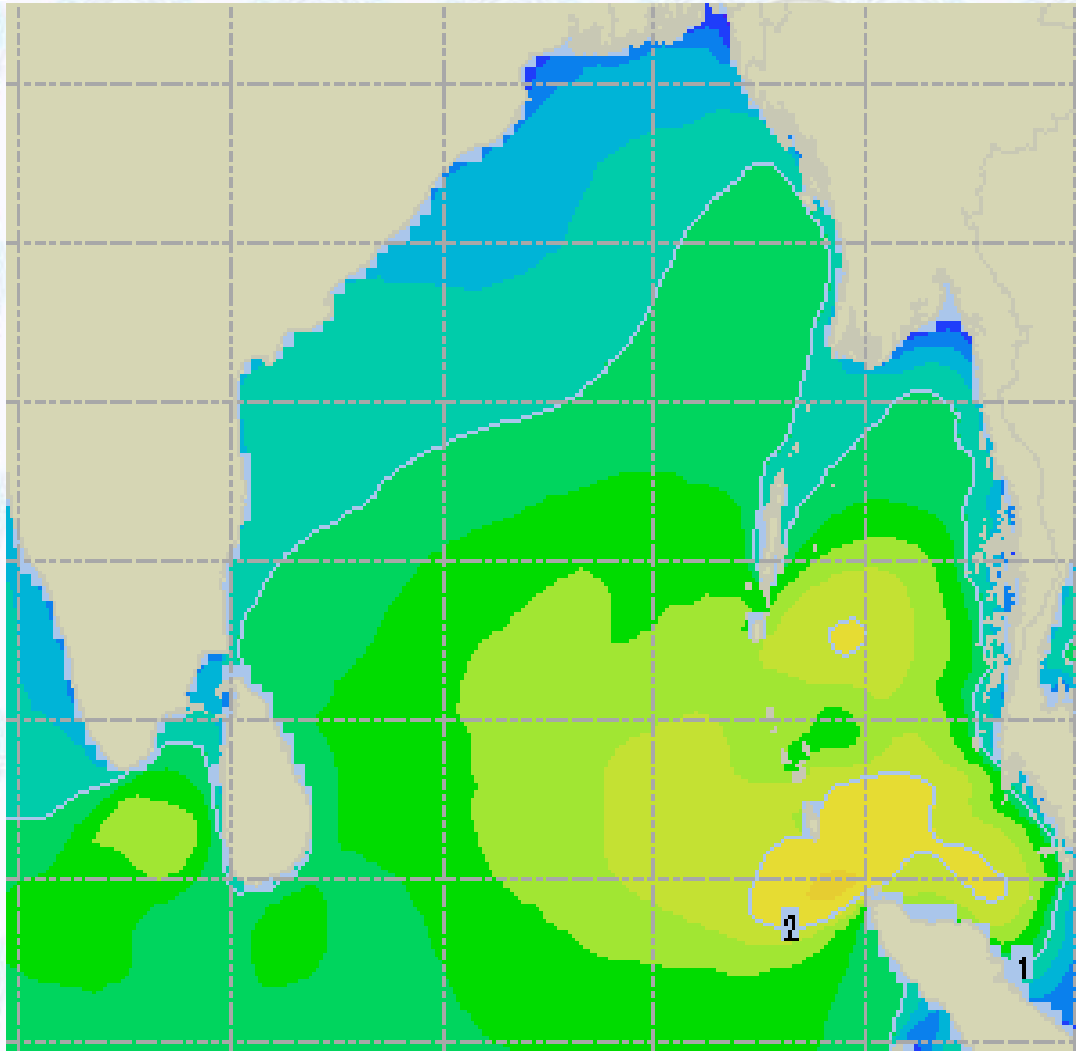
10 Knots



60 Knots



Sea State Forecast – 19 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

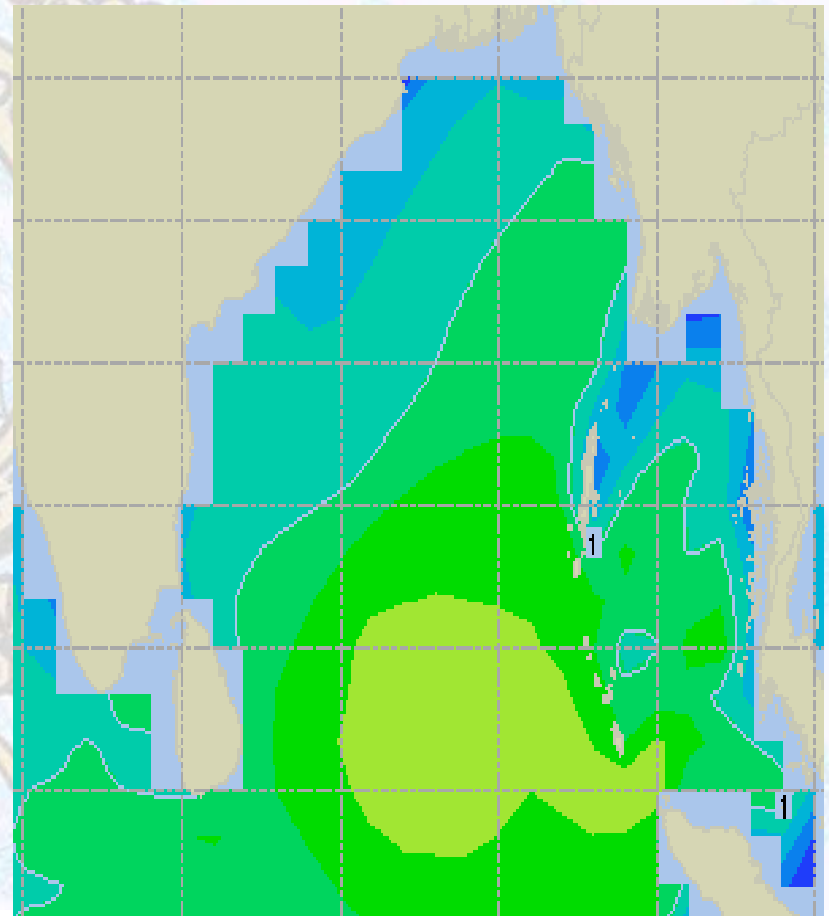
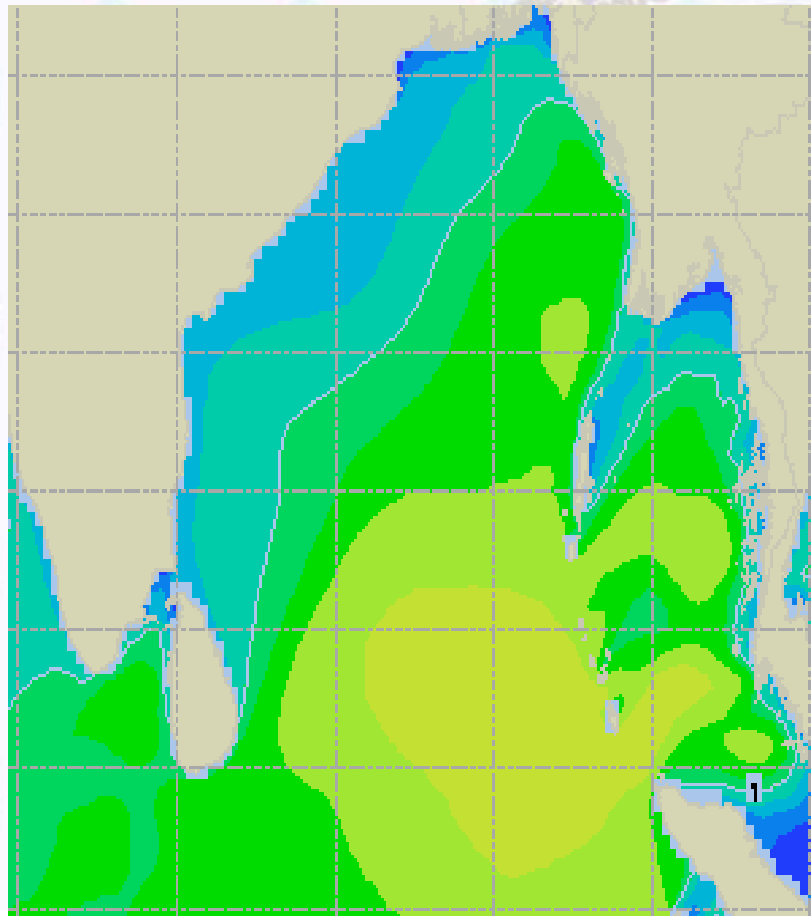




Sea State Forecast – 20 & 21 Feb - 2021

20 Feb 21 Saturday

21 Feb 21 Sunday

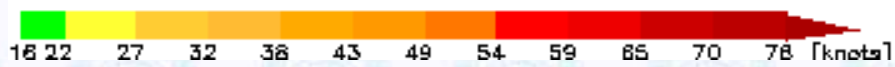
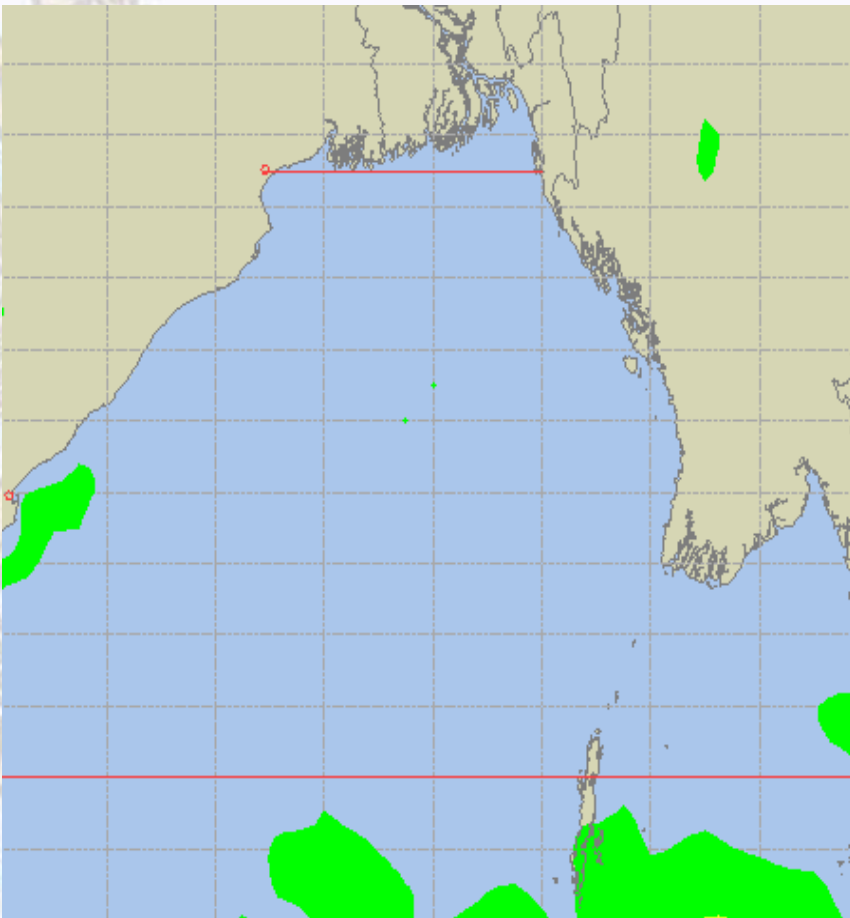
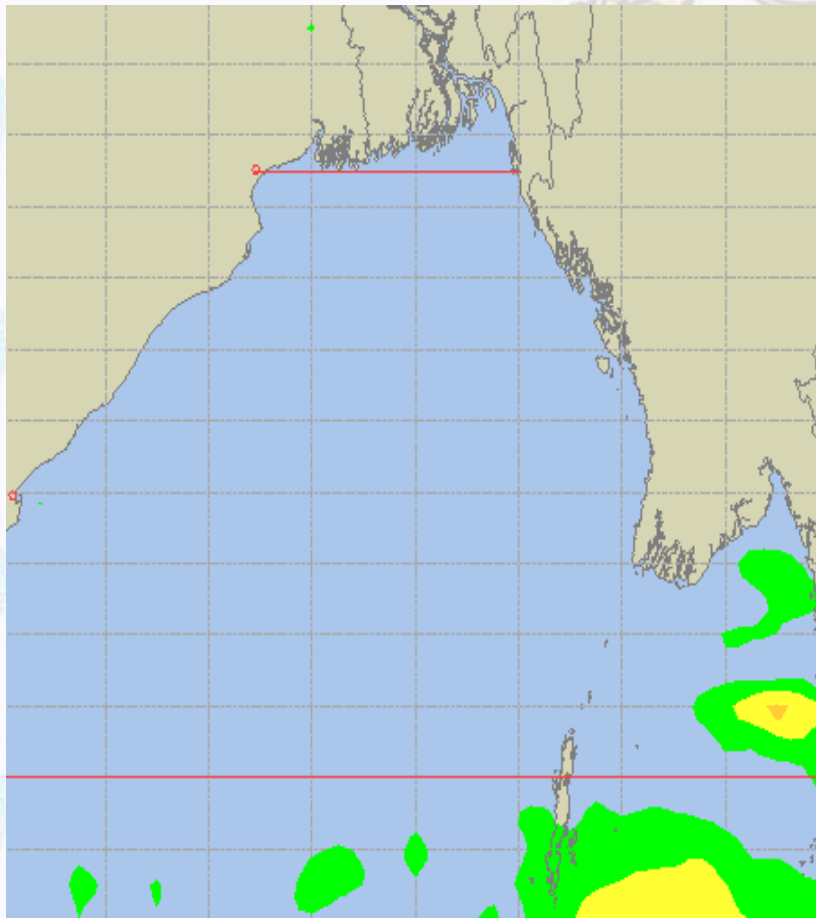




Peak Gusting Possibilities– 19 & 20 Feb 2021

19 Feb 21 Friday

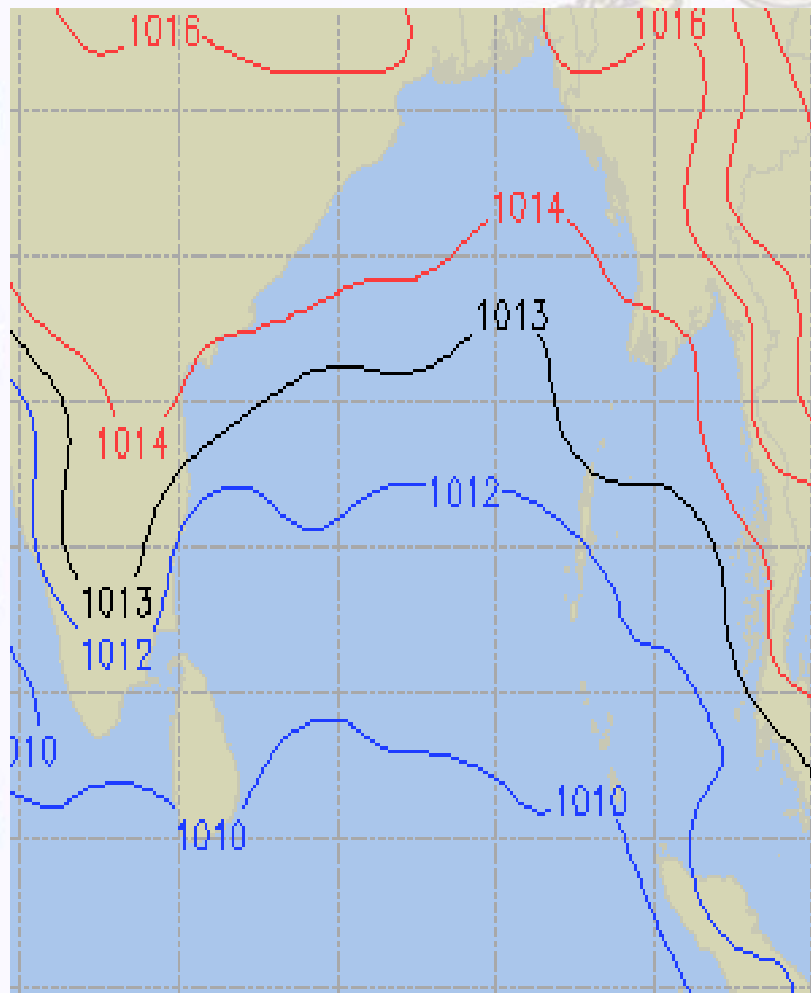
20 Feb 21 Saturday



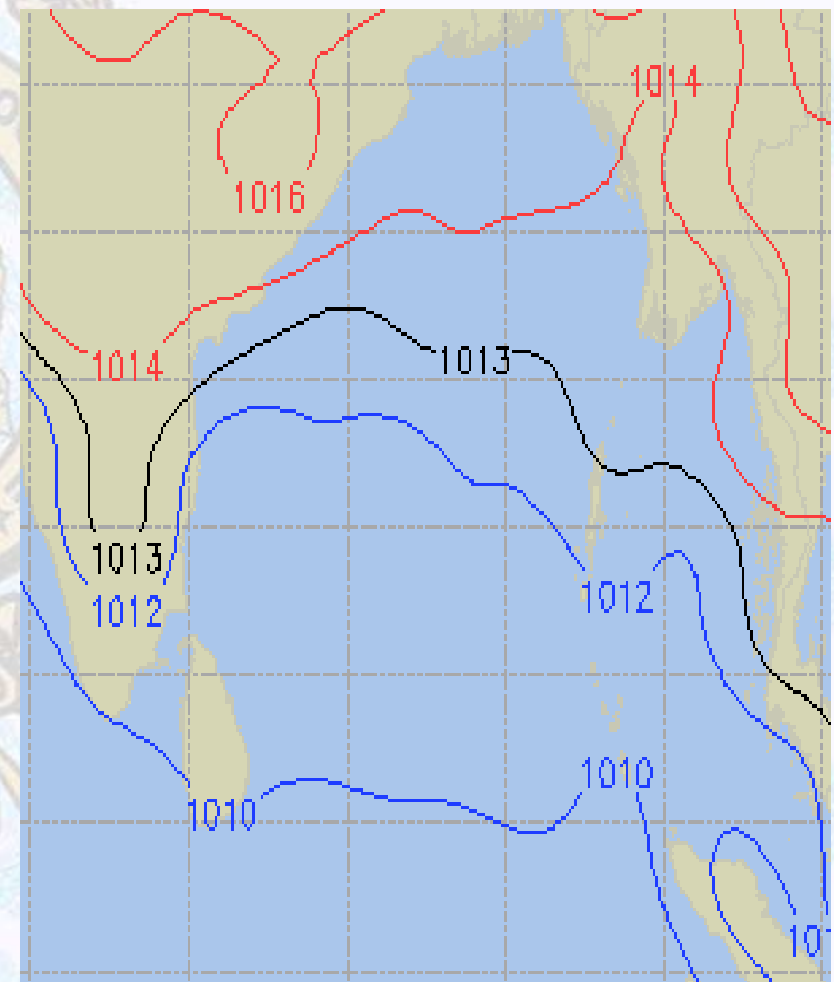


Surface Pressure forecast – 19 & 20 Feb 2021

19 Feb 21 Friday



20 Feb 21 Saturday

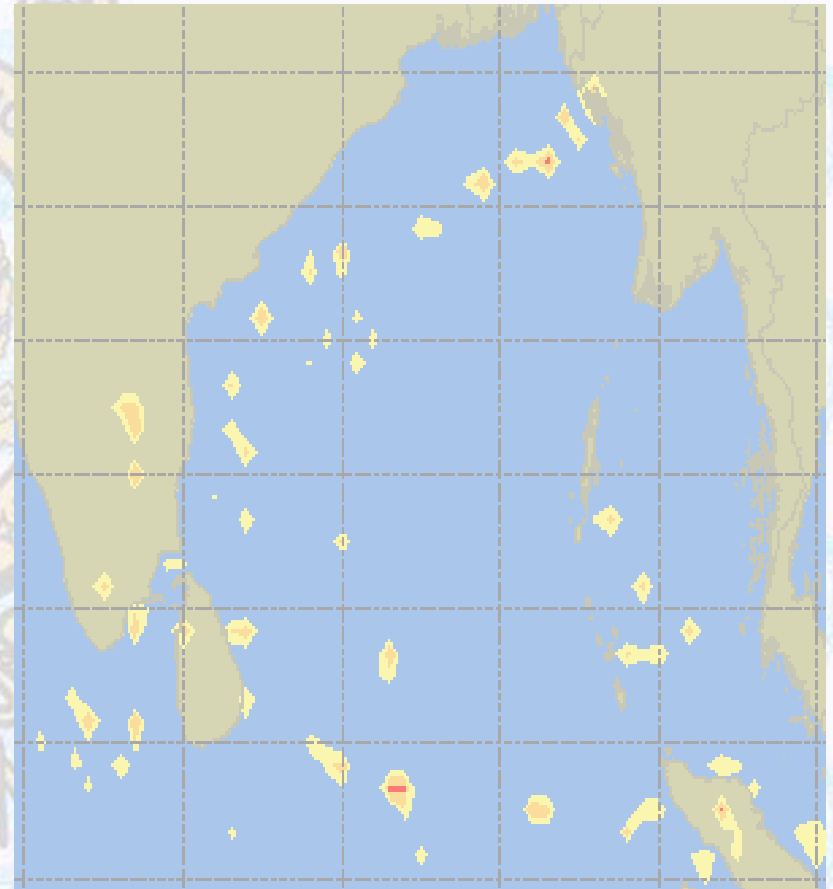
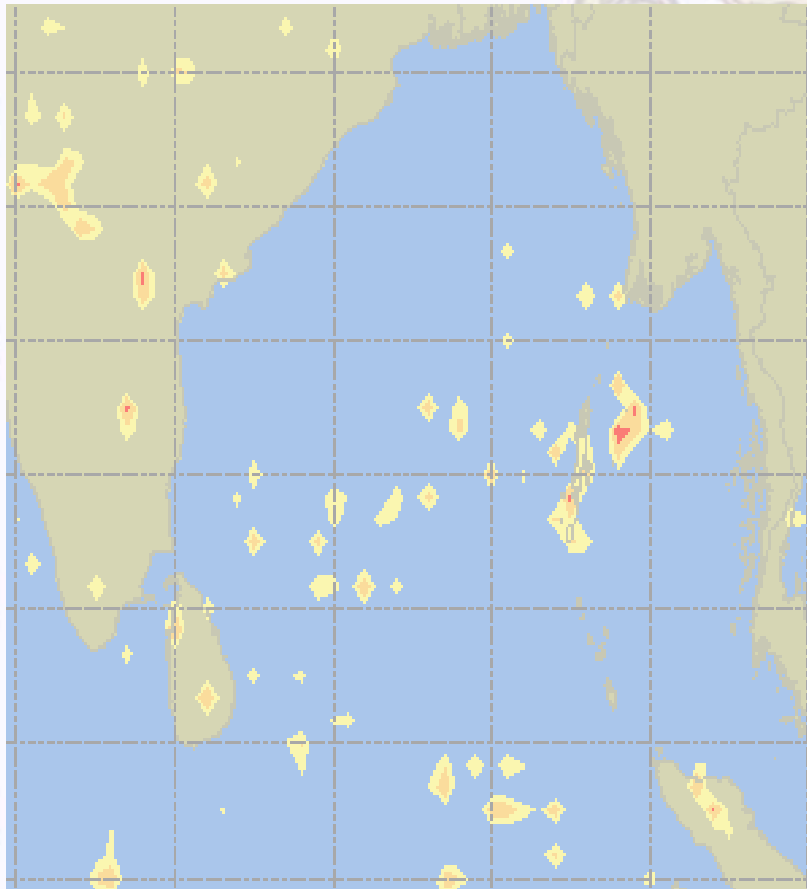




Visibility at Sea Forecast – 19 & 20 Feb 2021

19 Feb 21 Friday

20 Feb 21 Saturday



Visibility Scale:



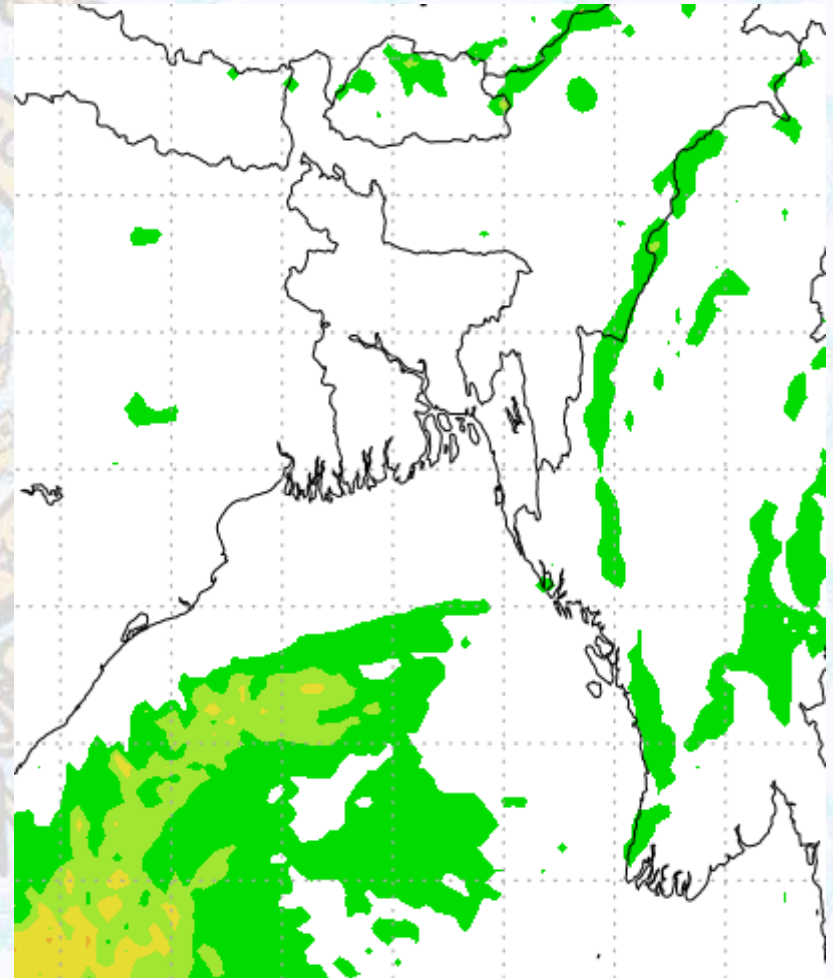
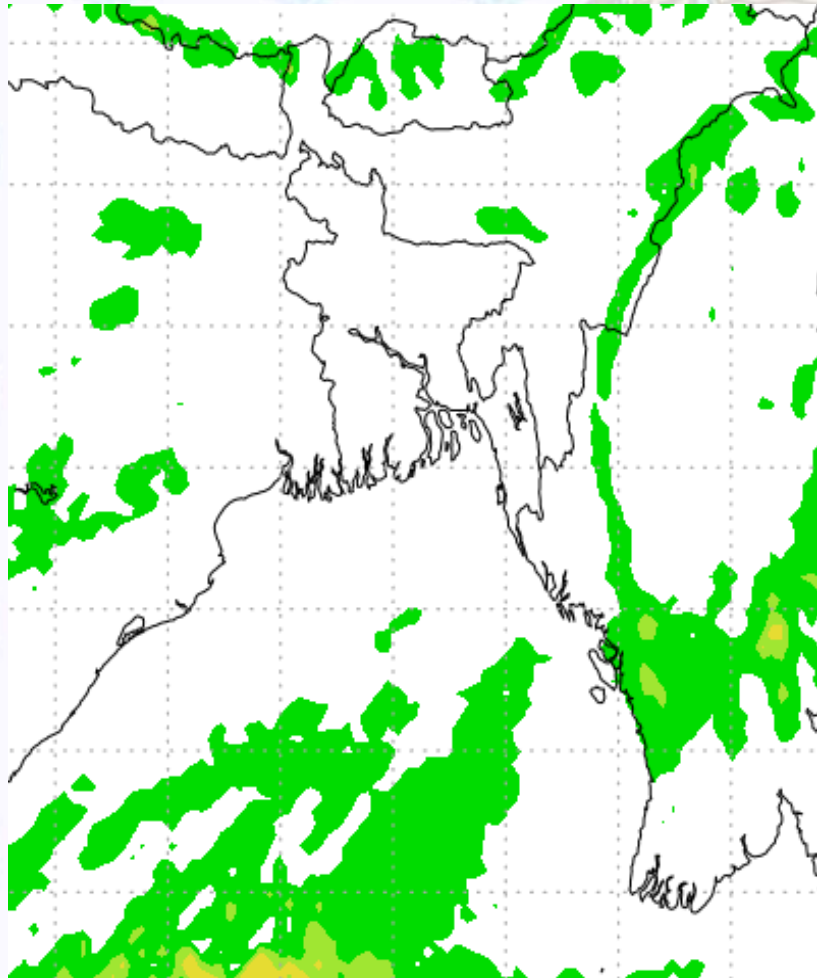
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 19 & 20 Feb 21

Rain(mm) 20 & 21 Feb 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

19 Feb 2021	Time	Height		Time	Height		Time	Height
	0515	3.40		0254	2.45		0236	2.23
	1131	0.81		0908	0.67		0851	0.80
	1750	3.47		1522	2.34		1516	2.24
	-	-		2139	0.83		2126	1.13
20 Feb 2021	Time	Height		Time	Height		Time	Height
	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
21 Feb 2021	Time	Height		Time	Height		Time	Height
	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		-	-		-	-