



WEATHER FORECAST FOR BN

22 FEB - 25 FEB 2021





WEATHER FORECAST – DHAKA

22.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 14	29 / 14	24 / 14	21 / 15
Wind	11 km/h NW	12 km/h WNW	5 km/h WNW	4 m/h WNW
Humidity	41%	39%	55%	65%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	5%	5%	5%	7%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 26 AM 17: 57 PM			

Conditions

Pressure : 1016 hpa

Visibility : 3.22 km

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



WEATHER FORECAST – CHATTOGRAM

22.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 15	28 / 15	24 / 16	22 / 16
Wind	14 km/h WNW	13 km/h WNW	10 km/h WNW	7 km/h NNW
Humidity	42%	44%	62%	67%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	7%	9%	2%	9%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 19 AM			
Sunset	17: 52 PM			

Conditions

Pressure : 1015 hpa

Visibility : 5.5 Km

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



WEATHER FORECAST – KHULNA

22.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 13	30 / 12	23 / 14	21 / 15
Wind	9 km/h NNW	9 km/h NW	2 km/h N	1 m/h NNE
Humidity	37%	35%	58%	70%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	5%	5%	10%	13%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 29 AM 18: 01 PM			

Conditions

Pressure : 1016 hpa

Visibility : 9.66 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	23 Feb 2021	24 Feb 2021	25 Feb 2021
Temperature (C)	30 °C/ 18 °C	30 °C/ 19 °C	31 °C/ 19 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h25m52s/17h58m06s	6h24m48s/17h58m36s	6h24m00s/17h59m18s
Day Length	11h32m24s	11h33m48s	11h35m18s
Moon Rise/ Set	2:03PM 3:13AM	3:00PM 4:06AM	4:01PM 4:57AM
Moon Phase/ illu	Waxing Gibbous, 80%	Waxing Gibbous, 88%	Waxing Gibbous, 94%
Nautical Twilight	05:37, 18:47	05:37, 18:48	05:36, 18:48
Civil Twilight	06:03, 18:21	06:03, 18:21	06:04, 18:22
Humidity	D : 54% N : 71%	D : 59% N : 76%	D : 58% N : 78%
Barometer (mb)	1013	1010	1009
Visibility	Moderate	Moderate	Moderate
Precip Chance	3%	4%	5%
Wind (mph)	9 Km/h WNW	9 Km/h W	12 Km/h WSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	23 Feb 2021	24 Feb 2021	25 Feb 2021
Temperature (C)	29 °C / 18 °C	28 °C / 19 °C	28 °C / 20 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h18m48s/ 17h53m30s	6h17m54s/ 17h54m00s	6h17m12s/ 17h54m36s
Day Length	11h34m52s	11h36m06s	11h37m24s
Moon Rise/ Set	2:00PM 3:04AM	2:57PM 3:57AM	3:58PM 4:48AM
Moon Phase/ illu	Waxing Gibbous, 80%	Waxing Gibbous, 88%	Waxing Gibbous, 94%
NauticalTwilight	05:30, 18:42	05:30, 18:42	05:29, 18:43
Civil Twilight	05:56, 18:16	05:56, 18:16	05:55, 18:17
Humidity	D : 56% N : 80%	D : 67% N : 98%	D : 78% N : 99%
Barometer (mb)	1013	1011	1011
Visibility	Moderate	Moderate	Moderate
Precip Chance	2%	4%	7%
Wind (mph)	13 Km/h NW	11 Km/h WSW	11 Km/h SSW

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



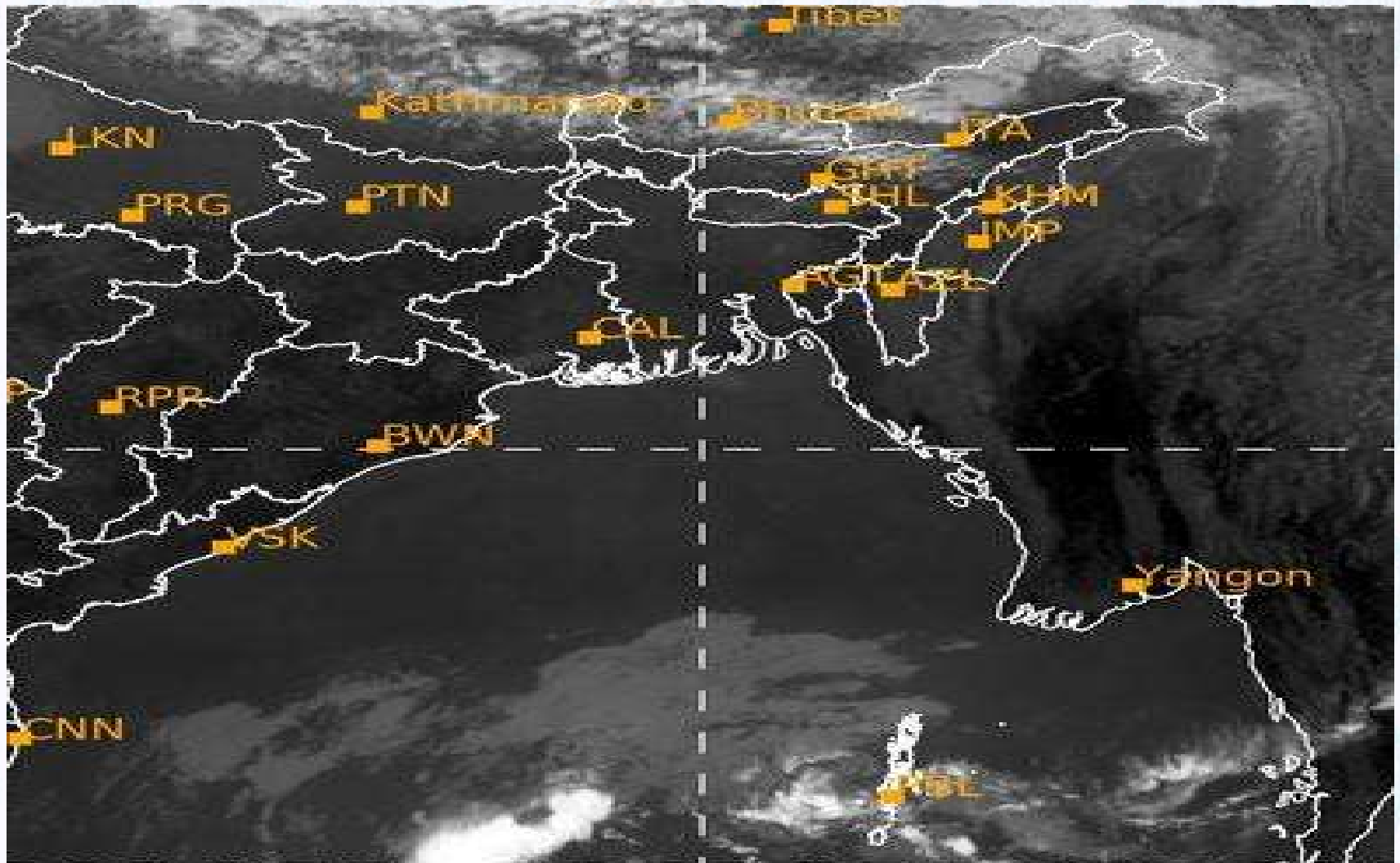
GENERAL WEATHER FORECAST – KHULNA

Description	23 Feb 2021	24 Feb 2021	25 Feb 2021
Temperature(C)	31°C/ 19°C	32°C/ 19°C	32°C/ 21°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h28m18s/ 18h02m12s	6h27m30s/ 18h02m48s	6h26m42s/ 18h03m24s
Day Length	11h33m54s	11h35m18s	11h36m42s
Moon Rise/Set	2:08PM 3:14AM	3:06PM 4:07AM	4:06PM 4:58AM
Moon Phase/illu	Waxing Gibbous, 80%	Waxing Gibbous, 88%	Waxing Gibbous, 94%
Nautical Twilight	05:40, 18:51	05:40, 18:51	05:39, 18:52
Civil Twilight	06:06, 18:25	06:06, 18:25	06:05, 18:26
Humidity	D : 55% N : 84%	D : 59% N : 87%	D : 59% N : 88%
Barometer (mb)	1013	1011	1009
Visibility	Moderate	Moderate	Moderate
Precip Chance	4%	7%	6%
Wind (mph)	8 km/h W	10 km/h W	10 km/h WSW

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



SATELLITE VIEW OF BAY OF BENGAL

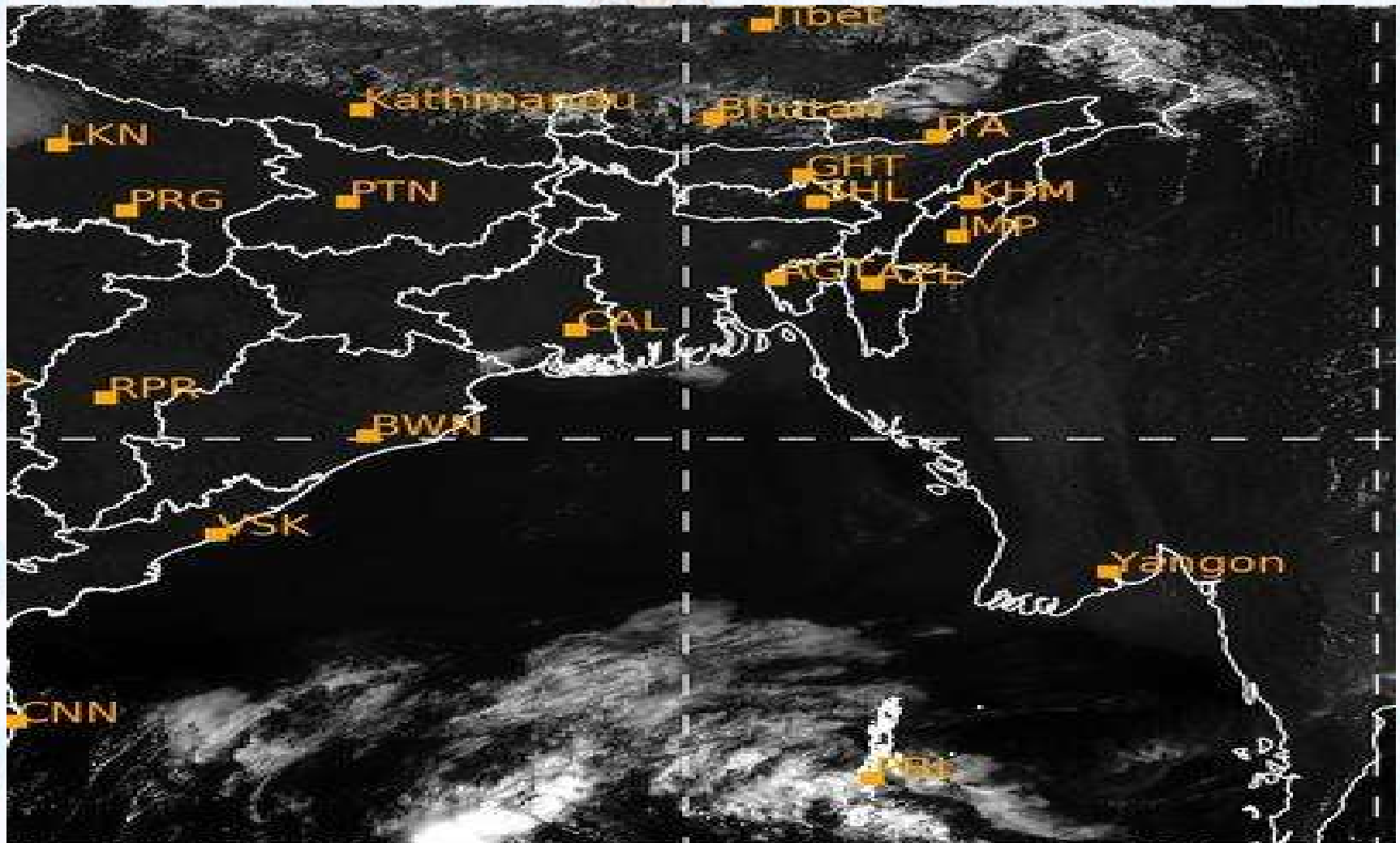


22/02/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



22/02/2021, 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 22.02.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH /NORTH-WESTERLY, 08-12 KTS.
	Visibility	03-05 KMS REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 22,0000 UTC. CHATTOGRAM =1015 HPA



Inland River Port Warning (VALID TILL 06 PM OF 22.02.2020)

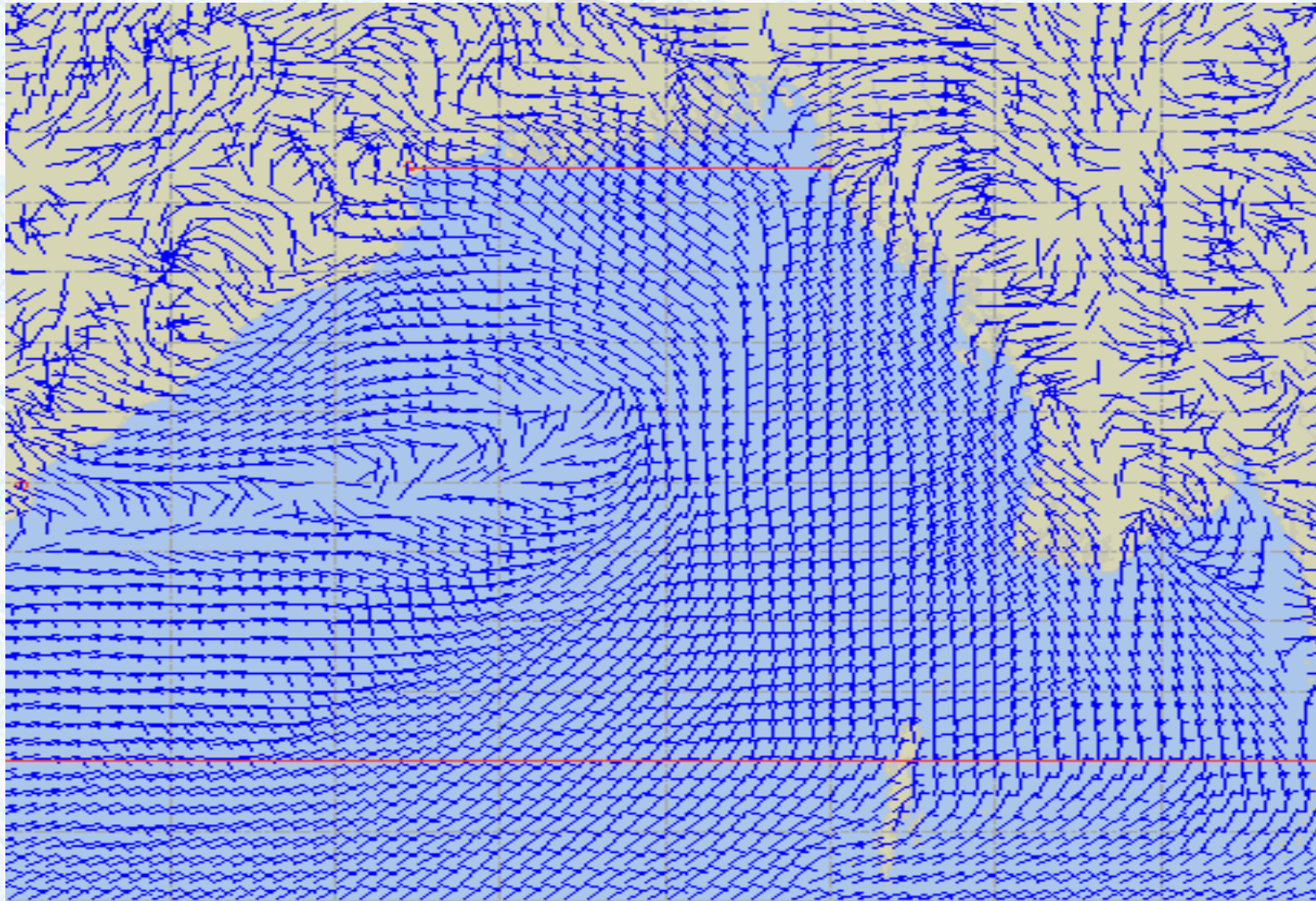
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 23 Feb - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



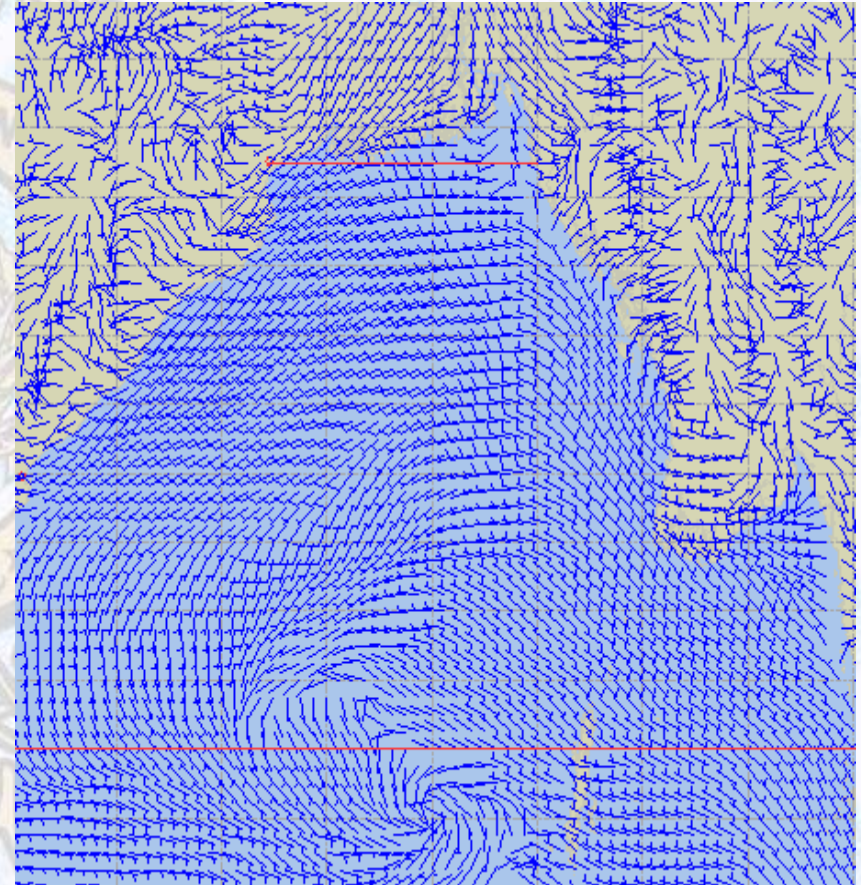
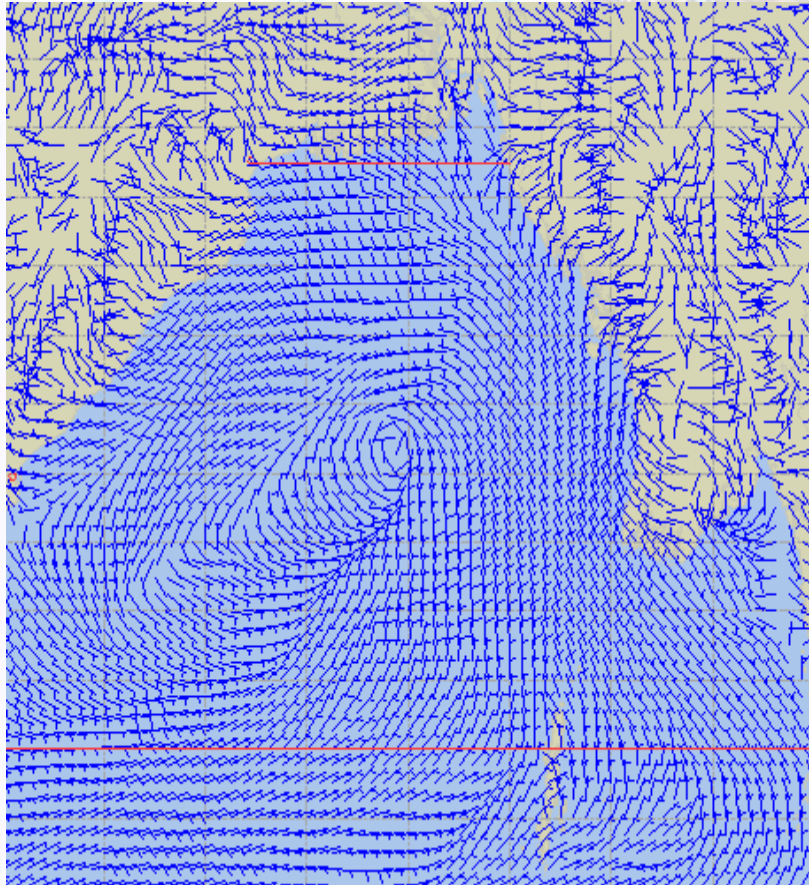
60 Knots



Surface Wind Forecast – 24 & 25 Feb - 2021

24 Feb 21 Wednesday

25 Feb 21 Thursday



Legend:



Calm
Winds



5 Knots



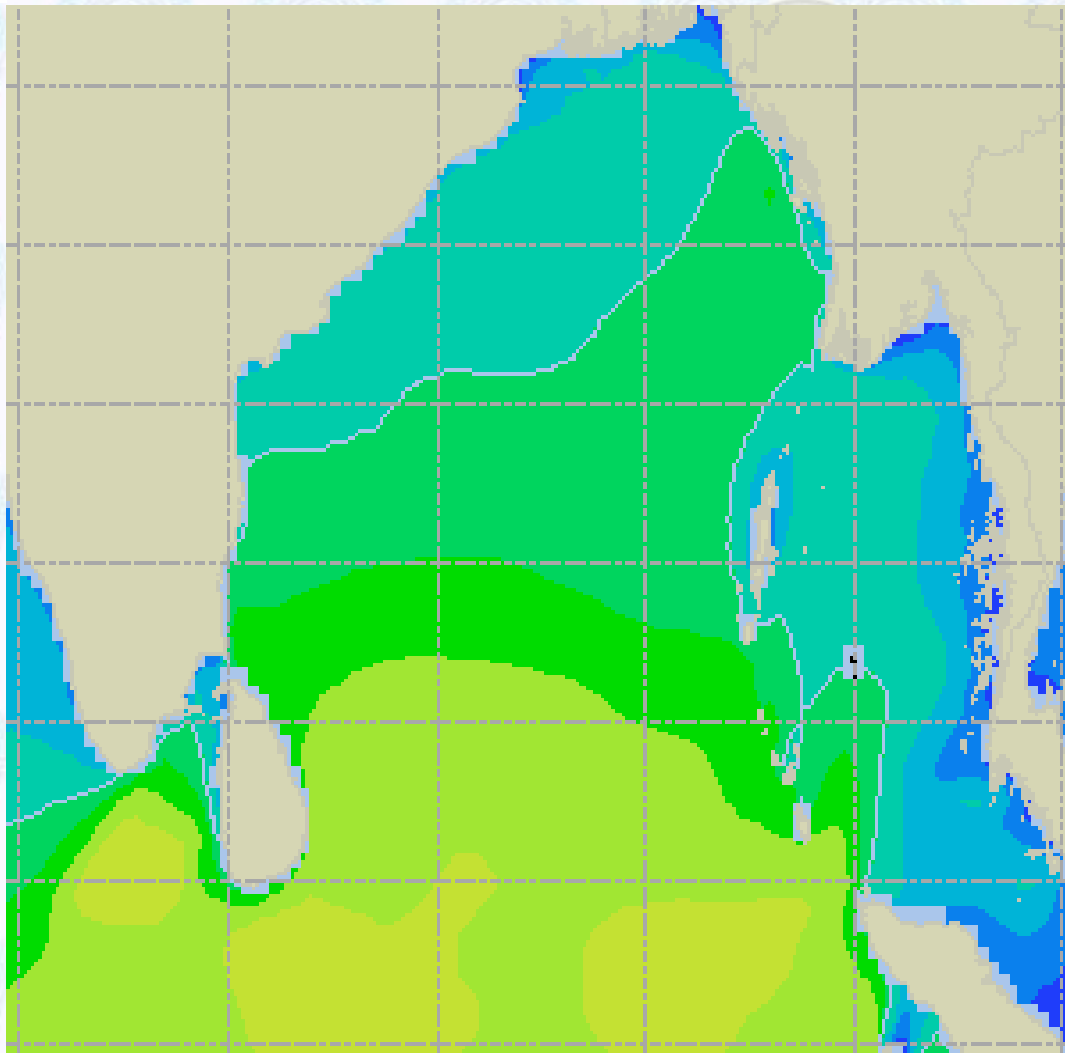
10 Knots



60 Knots



Sea State Forecast – 23 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

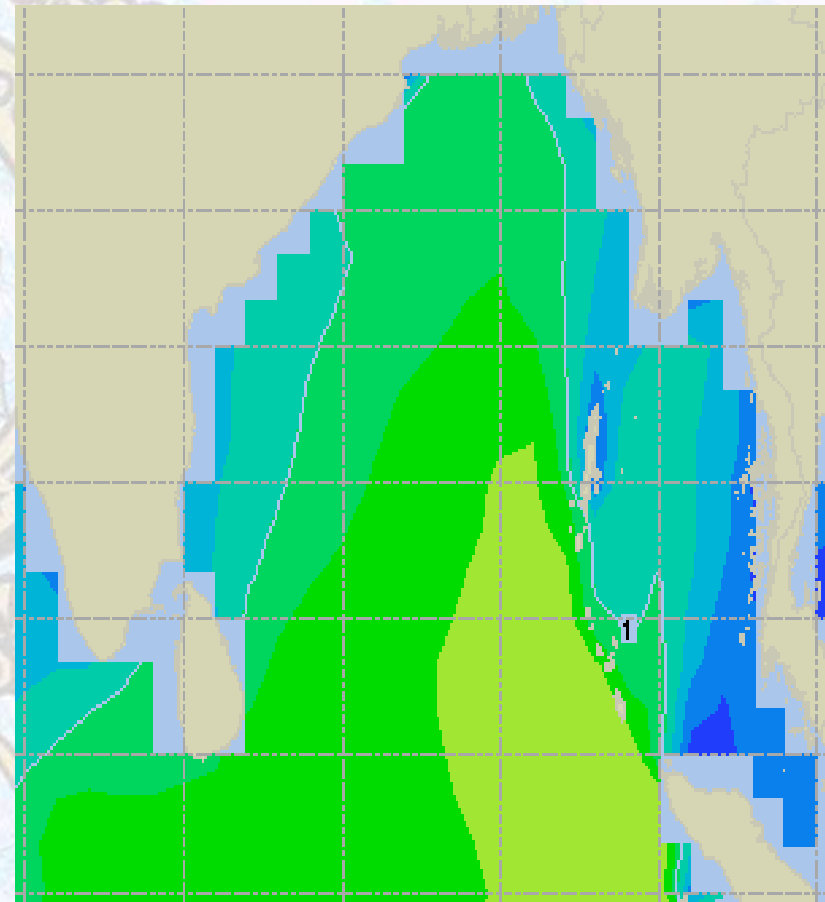
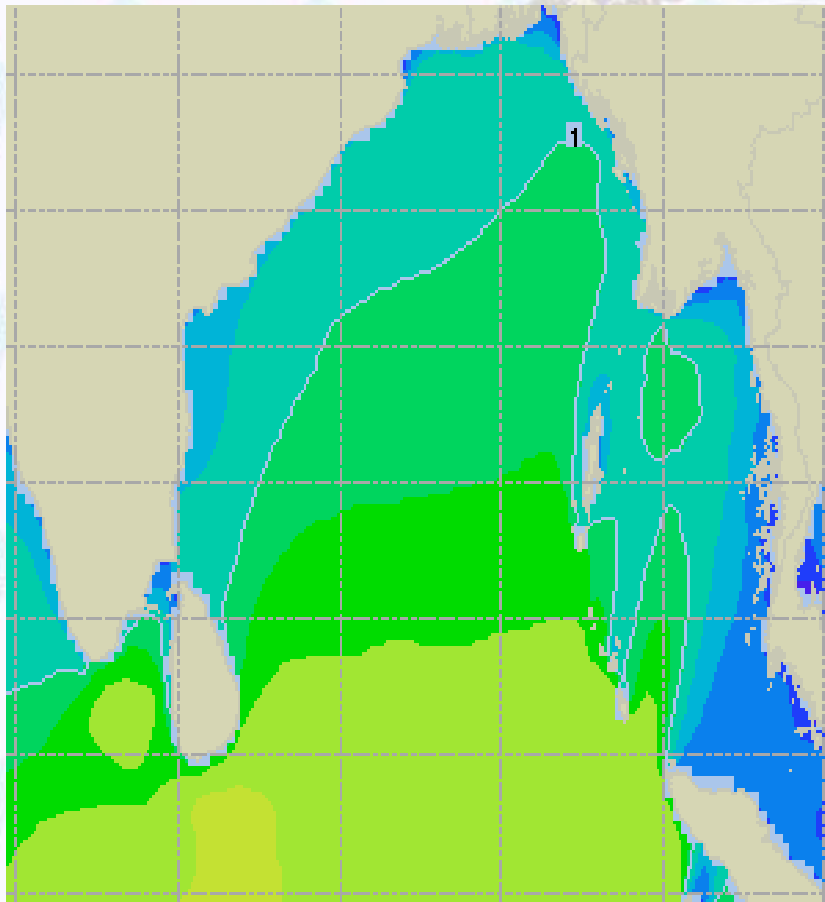




Sea State Forecast – 24 & 25 Feb - 2021

24 Feb 21 Wednesday

25 Feb 21 Thursday

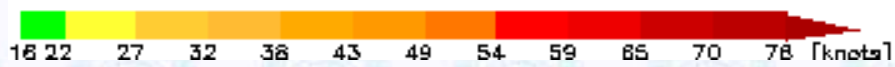
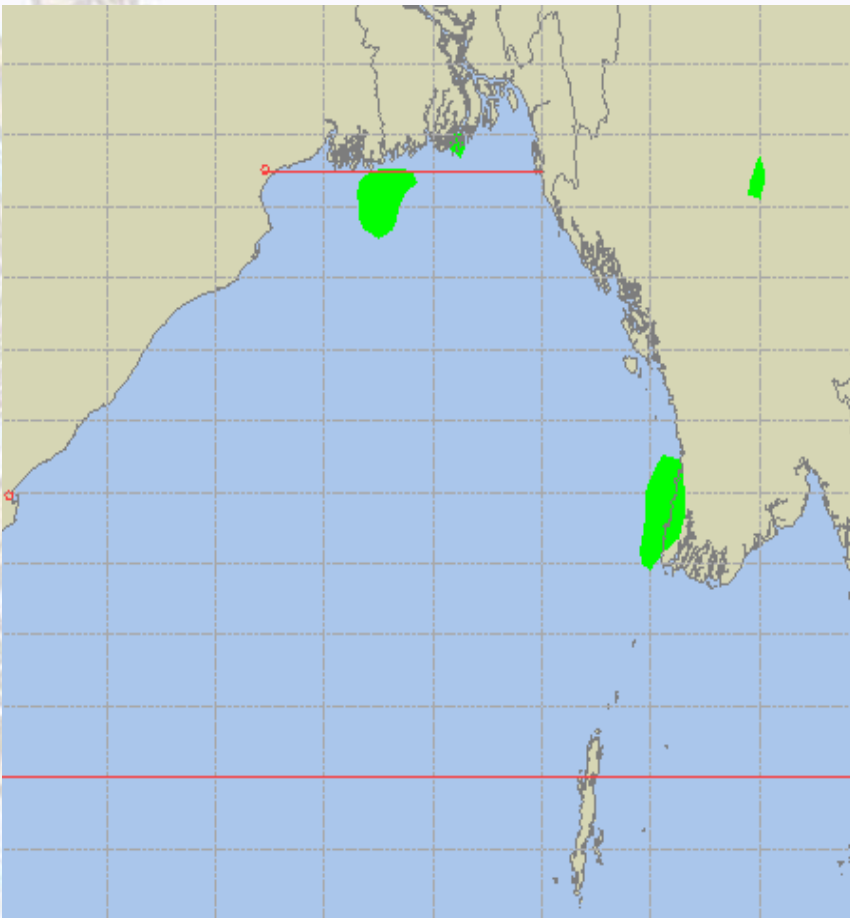
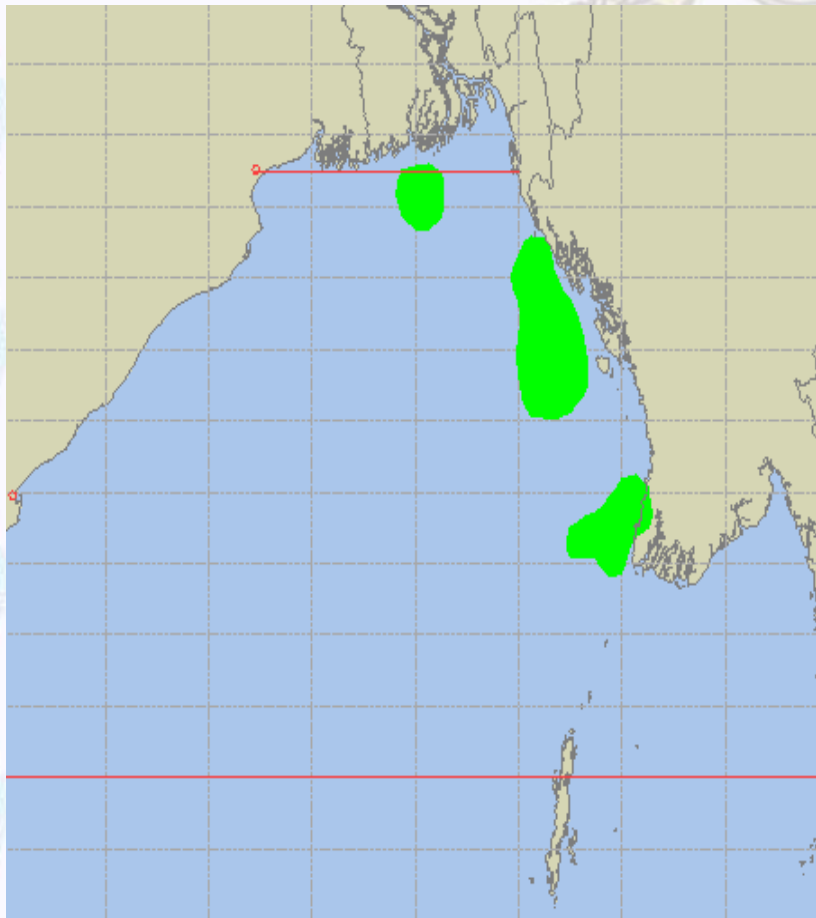




Peak Gusting Possibilities– 23 & 24 Feb 2021

23 Feb 21 Tuesday

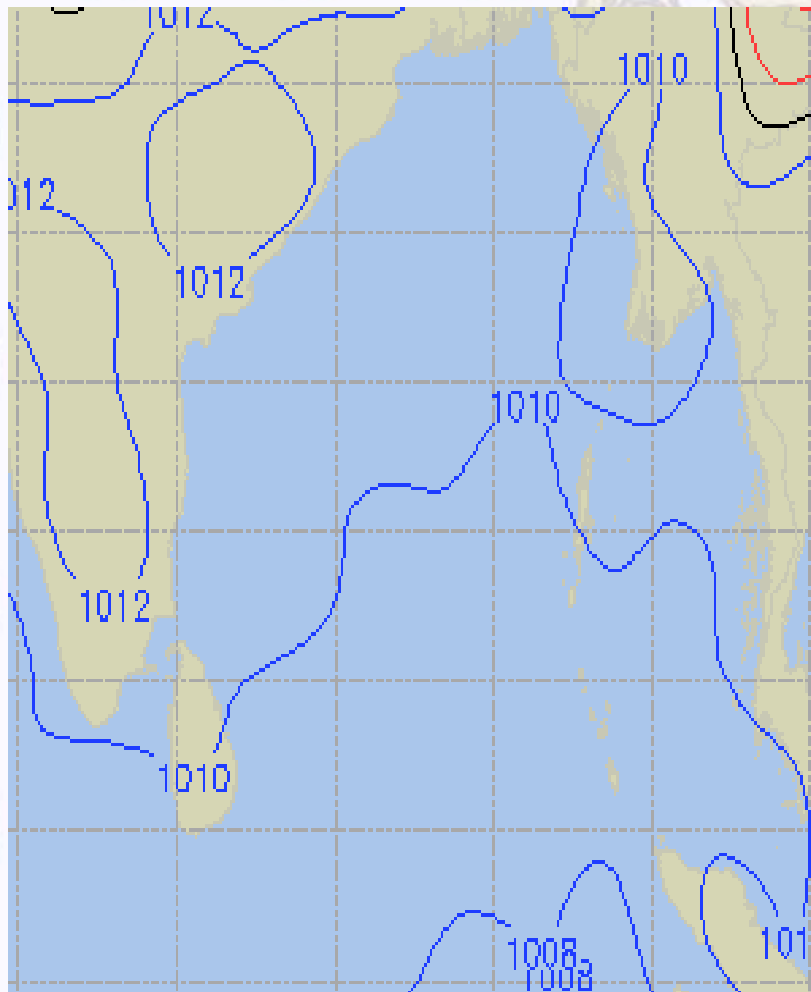
24 Feb 21 Wednesday



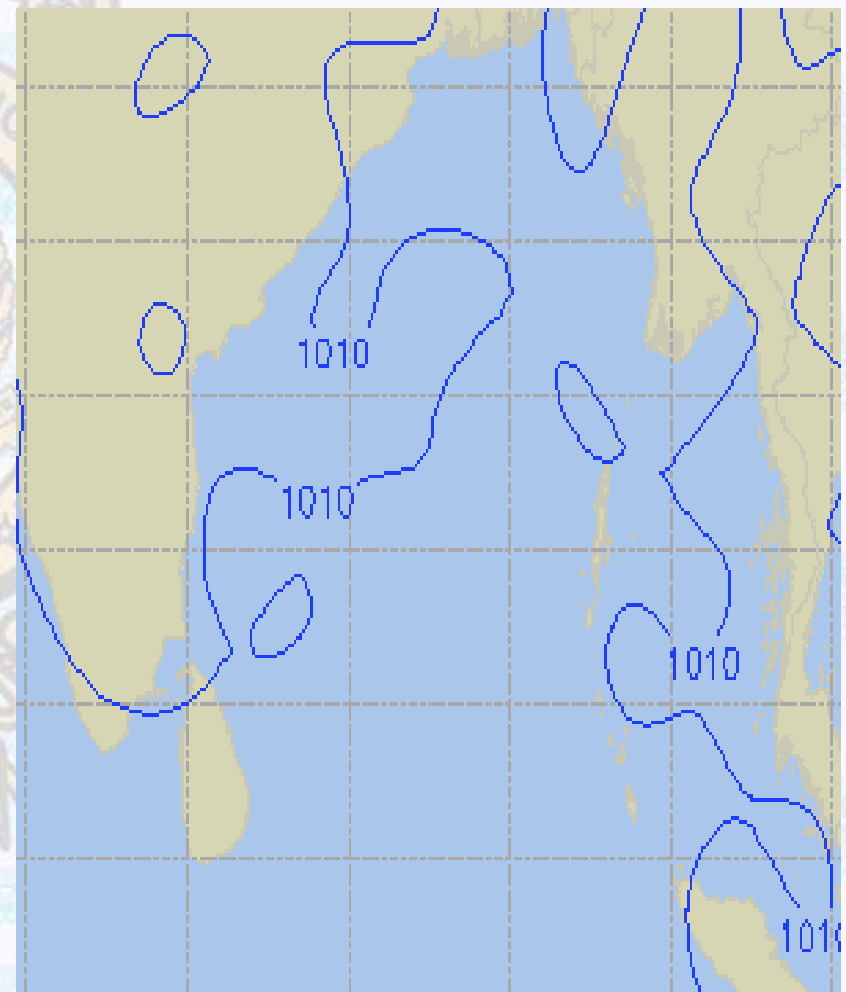


Surface Pressure forecast – 23 & 24 Feb 2021

23 Feb 21 Tuesday



24 Feb 21 Wednesday

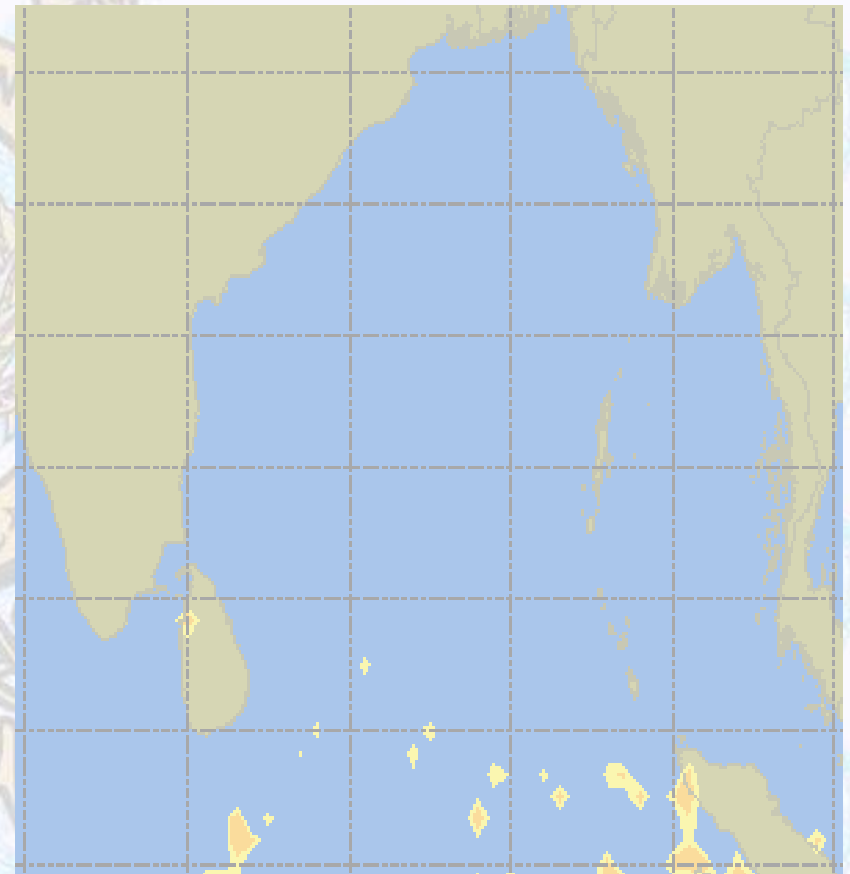
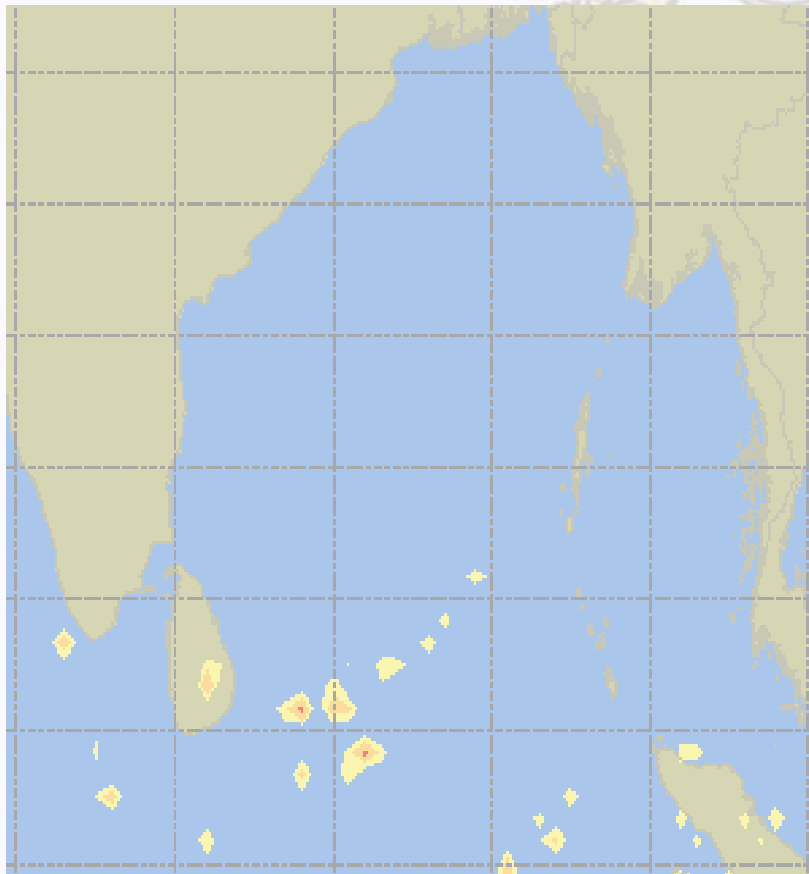




Visibility at Sea Forecast – 23 & 24 Feb 2021

23 Feb 21 Tuesday

24 Feb 21 Wednesday



Visibility Scale:



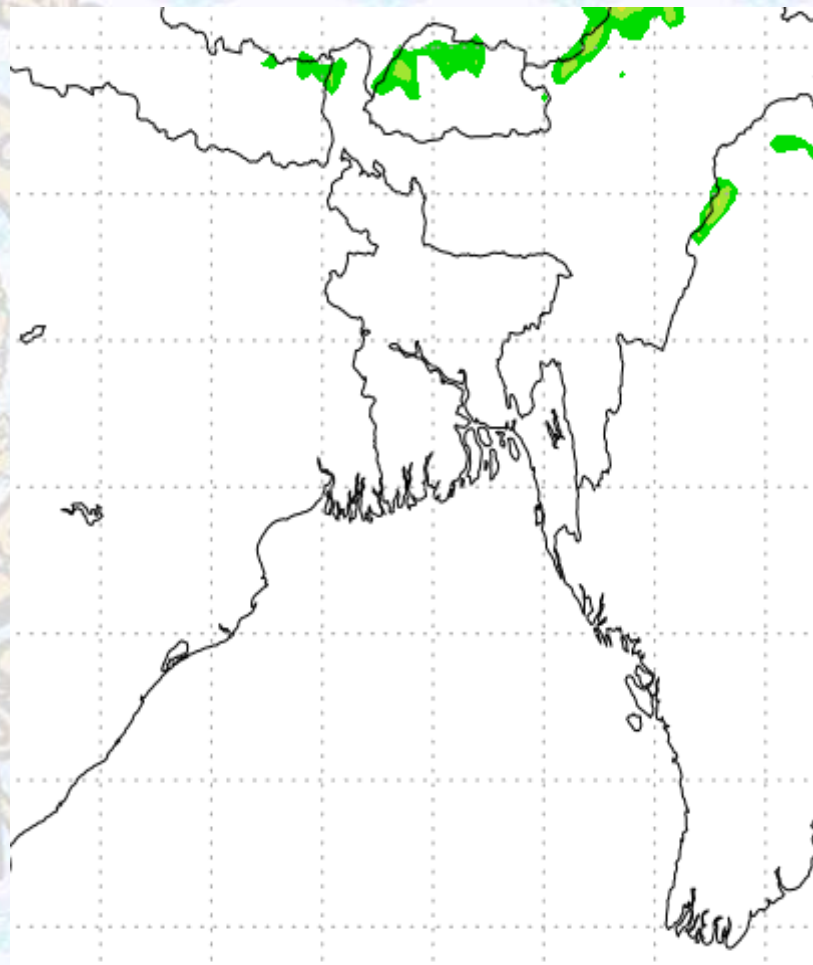
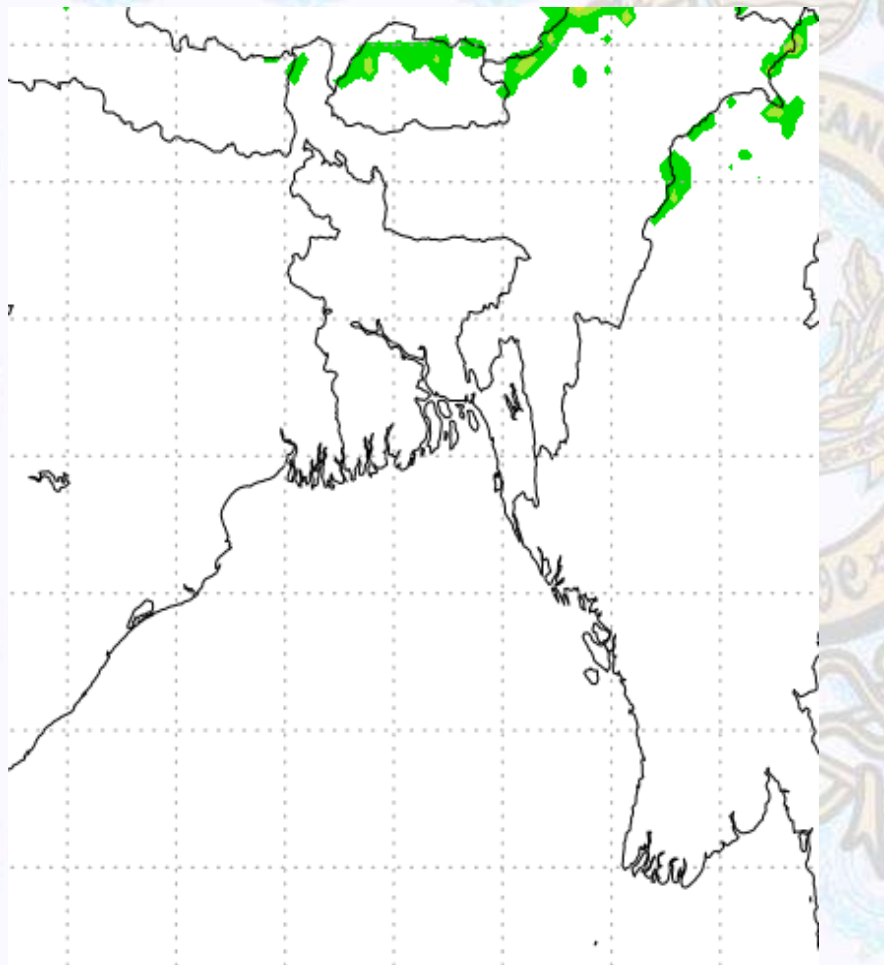
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 23 & 24 Feb 21

Rain(mm) 24 & 25 Feb 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

23 Feb 2021	Time	Height		Time	Height		Time	Height
	0434	1.27		0157	1.00		0224	1.16
	1028	2.90		0742	2.00		0812	1.89
	1623	1.25		1403	0.90		1357	0.99
	2237	3.56		2026	2.49		2040	2.32
24 Feb 2021	Time	Height		Time	Height		Time	Height
	0537	1.03		0303	0.83		0317	0.94
	1128	3.21		0849	2.24		0910	2.09
	1730	1.05		1509	0.73		1501	0.80
	2329	3.83		2115	2.78		2126	2.52
25 Feb 2021	Time	Height		Time	Height		Time	Height
	0623	0.81		0352	0.63		0357	0.71
	1209	3.51		0933	2.53		0951	2.31
	1821	0.83		1600	0.54		1550	0.59
	-	-		2156	3.05		2204	2.69