



WEATHER FORECAST FOR BN

13 FEB - 16 FEB 2021



WEATHER FORECAST – DHAKA

13.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 15	27 / 14	23 / 15	21 / 15
Wind	8 km/h NNW	10 km/h NNW	4 km/h SSW	4 m/h SW
Humidity	48%	45%	59%	70%
Chance of Precip	1%	1%	1%	3%
Cloud Cover	28%	29%	11%	1%
Conditions	8 km/h NNW	10 km/h NNW	4 km/h SSW	2 m/h SW
Sunrise Sunset	06: 33 AM 17: 52 PM			

Conditions

Pressure : 1014 hpa

Visibility : 1.10 km

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



WEATHER FORECAST – CHATTOGRAM

13.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	26 / 15	22 / 16	20 / 15
Wind	13 km/h WNW	13 km/h W	9 km/h W	6 km/h NW
Humidity	52%	51%	67%	73%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	6%	3%	4%	6%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 25 AM			
Sunset	17: 48 PM			

Conditions

Pressure : 1013 hpa

Visibility : 5.2 Km

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



WEATHER FORECAST – KHULNA

13.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 14	28 / 14	23 / 16	20 / 16
Wind	8 km/h NNW	10 km/h NNW	4 km/h SSW	2 m/h SW
Humidity	42%	41%	65%	79%
Chance of Precip.	1%	1%	1%	4%
Cloud Cover	14%	14%	8%	1%
Conditions	Sunny/ Partly Cloudy	Sunny/ Partly Cloudy	Clear	Clear
Sunrise Sunset	06: 35 AM 17: 57 PM			

Conditions

Pressure : 1014 hpa

Visibility : 5.4 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	14 Feb 2021	15 Feb 2021	16 Feb 2021
Temperature (C)	28 °C/ 17 °C	29 °C/ 17 °C	28 °C/ 17 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h32m36s/17h53m16s	6h31m48s/17h53m54s	6h30m54s/17h54m30s
Day Length	11h20m42s	11h22m06s	11h23m36s
Moon Rise/ Set	8:16AM 8:14PM	8:50AM 9:06PM	9:22AM 9:57PM
Moon Phase/ illu	Waxing Crescent, 9%	Waxing Crescent, 16%	Waxing Crescent, 24%
Nautical Twilight	05:42,18:43	05:42,18:43	05:41,18:44
Civil Twilight	06:09,18:16	06:08,18:16	06:08,18:17
Humidity	D : 61% N : 76%	D : 64% N : 77%	D : 69% N : 71%
Barometer (mb)	1013	1012	1012
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	4%	5%	4%
Wind (mph)	9 Km/h W	8 Km/h WSW	9 Km/h WSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	14 Feb 2021	15 Feb 2021	16 Feb 2021
Temperature (C)	26 °C/ 16 °C	27 °C/ 18 °C	27 °C/ 16 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h25m12s/ 17h49m12s	6h24m30s/ 17h49m48s	6h23m36s/ 17h50m18s
Day Length	11h24m00s	11h25m18s	11h26m42s
Moon Rise/ Set	8:10AM 8:09PM	8:43AM 9:00PM	9:16AM 9:50PM
Moon Phase/ illu	Waxing Crescent, 9%	Waxing Crescent, 16%	Waxing Crescent, 24%
NauticalTwilight	05:35, 18:38	05:35, 18:38	05:34, 18:39
Civil Twilight	06:02, 18:11	06:01, 18:12	06:01, 18:12
Humidity	D : 66% N : 91%	D : 69% N : 96%	D : 65% N : 78%
Barometer (mb)	1013	1013	1012
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	4%	5%	4%
Wind (mph)	12 Km/h WNW	11 Km/h WNW	9 Km/h WNW

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



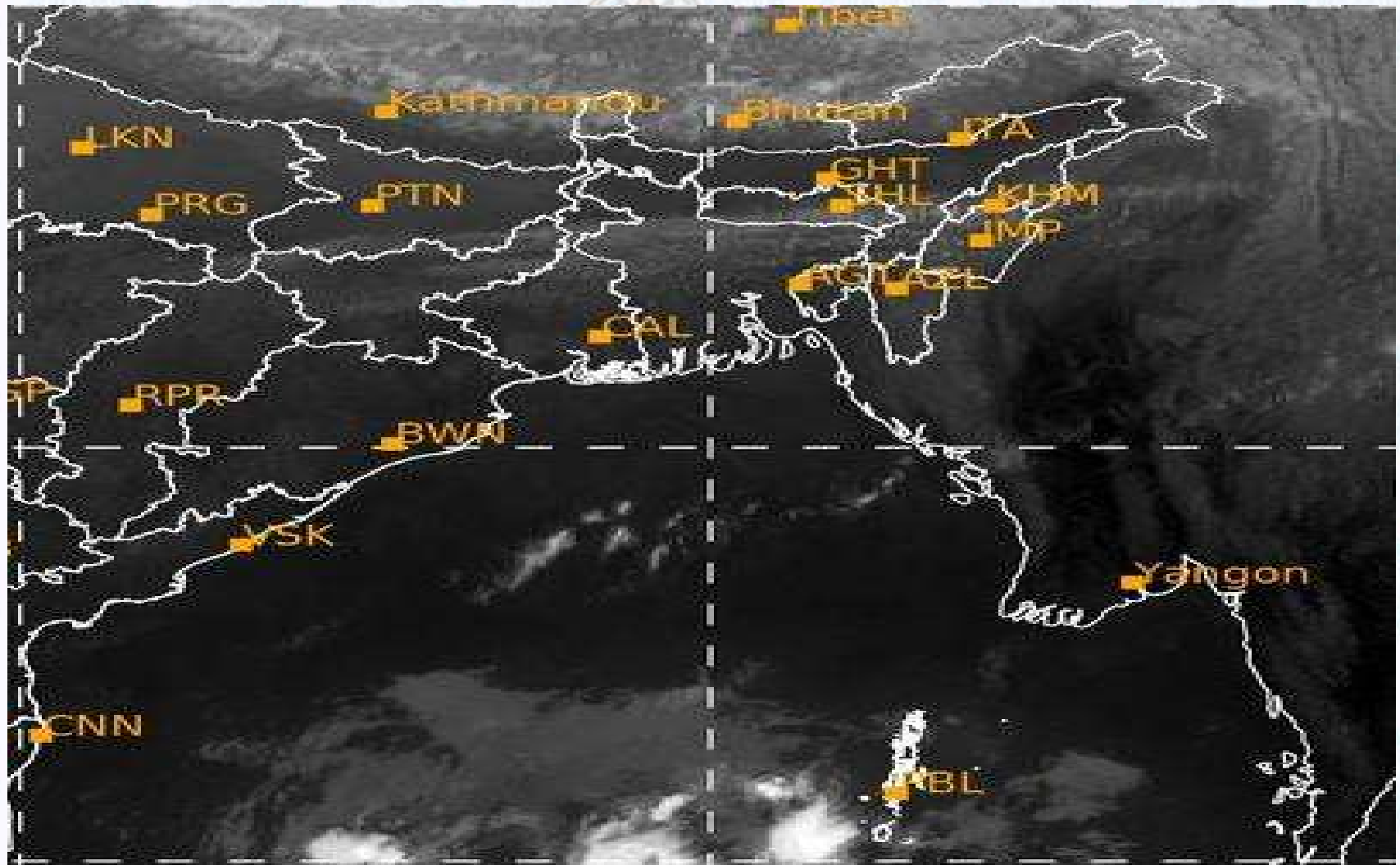
GENERAL WEATHER FORECAST – KHULNA

Description	14 Feb 2021	15 Feb 2021	16 Feb 2021
Temperature(C)	29°C/ 18°C	30°C/ 19°C	30°C/ 19°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h34m54s/ 17h57m48s	6h34m06s/ 17h58m24s	6h33m18s/ 17h59m00s
Day Length	10h22m54s	10h24m18s	10h25m42s
Moon Rise/Set	8:19AM 8:18PM	8:54AM 9:11PM	9:25AM 10:00PM
Moon Phase/illu	Waxing Crescent, 4%	Waxing Crescent, 16%	Waxing Crescent, 24%
Nautical Twilight	05:44, 18:47	05:44, 18:47	05:43, 18:48
Civil Twilight	06:11, 18:20	06:11, 18:21	06:10, 18:21
Humidity	D : 63% N : 90%	D : 64% N : 89%	D : 62% N : 72%
Barometer (mb)	1013	1012	1013
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	7%	8%	9%
Wind (mph)	7 km/h W	9 km/h W	8 km/h W

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



SATELLITE VIEW OF BAY OF BENGAL

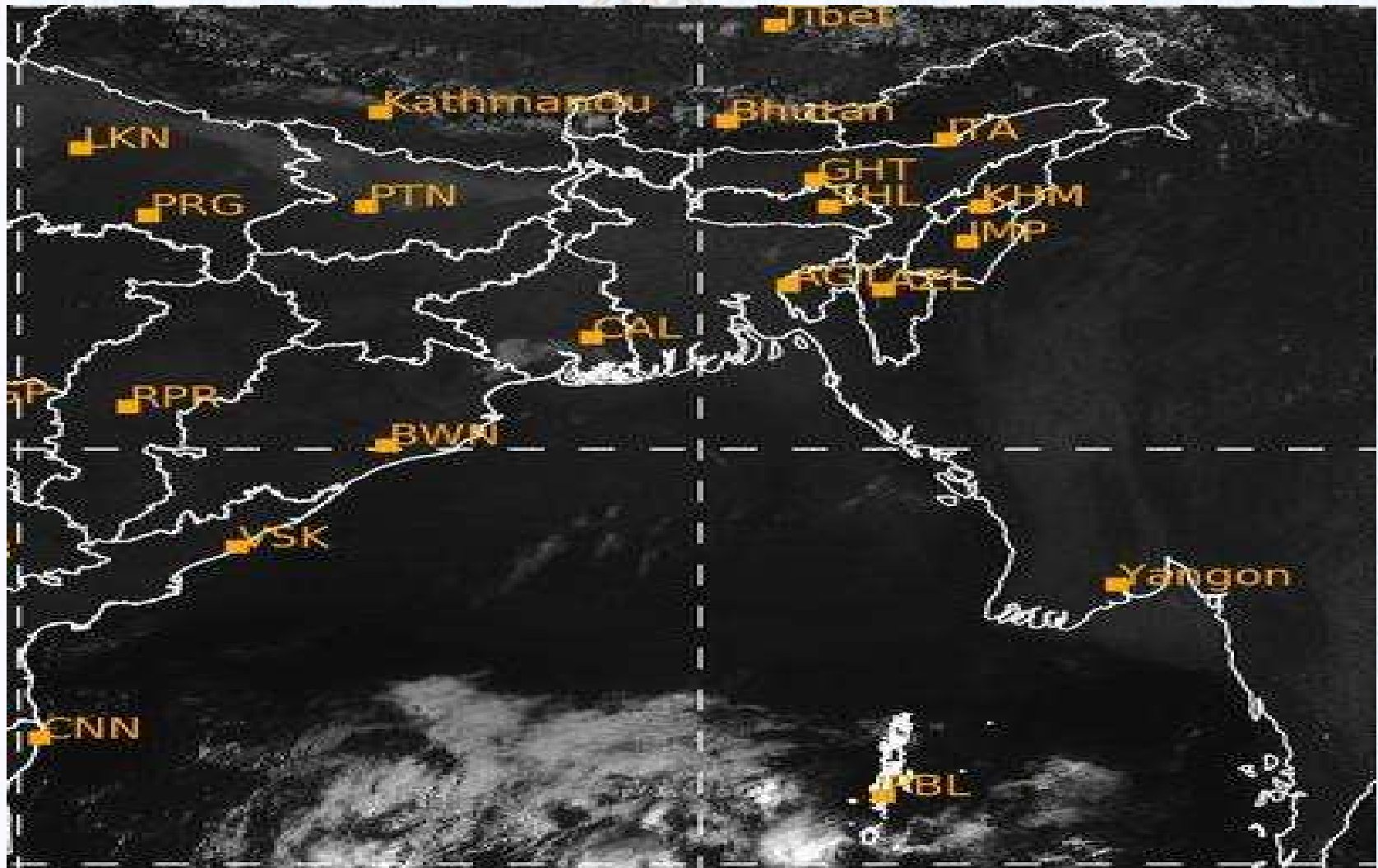


13/02/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



13/02/2021, 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 13.02.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	SEASONAL OVER AREA C-90.
	Wind	WEST/ NORTH-WESTERLY, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/ FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 13,0000 UTC. CHATTOGRAM =1012 HPA



Inland River Port Warning (VALID TILL 06 PM OF 13.02.2020)

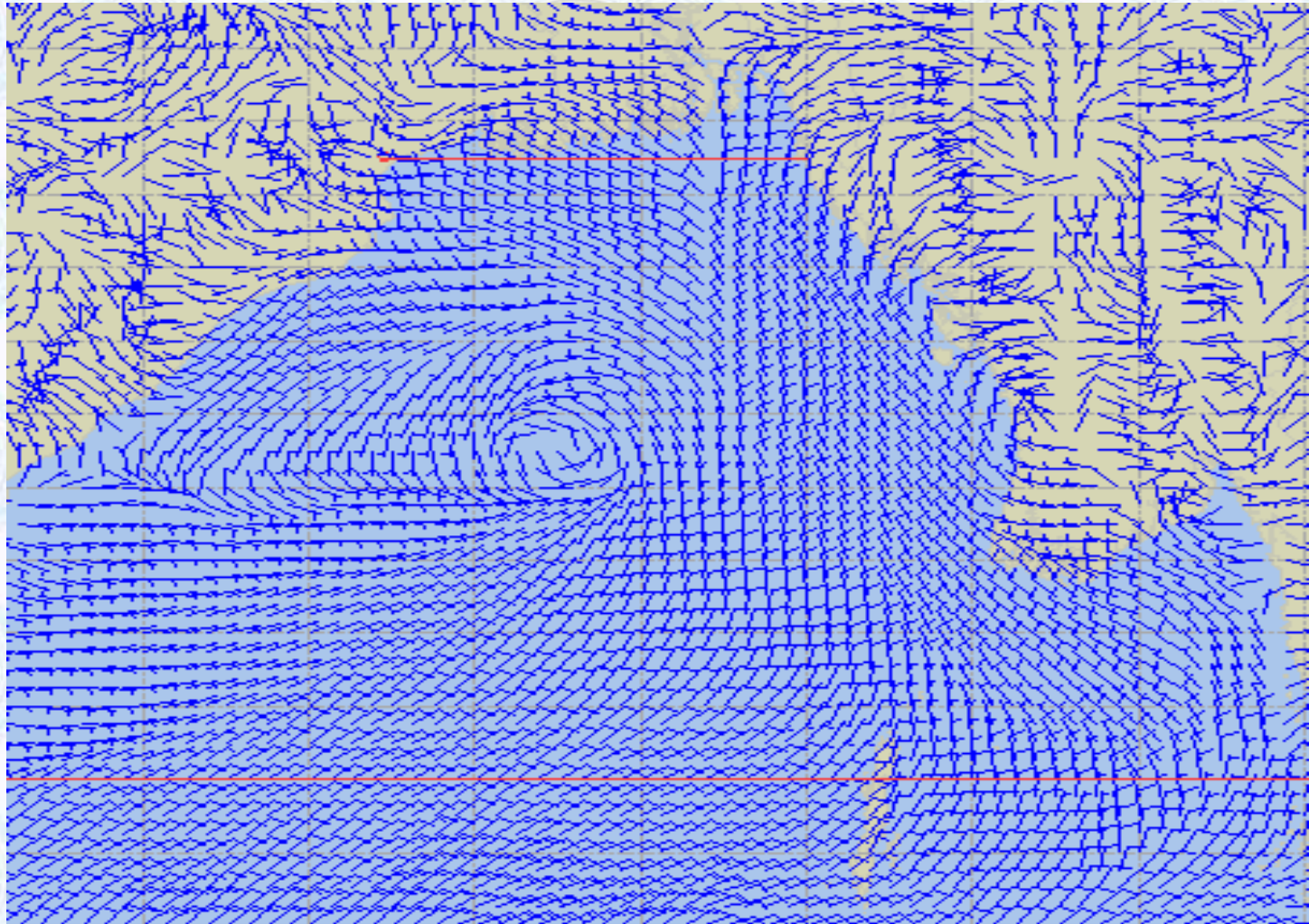
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 14 Feb - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



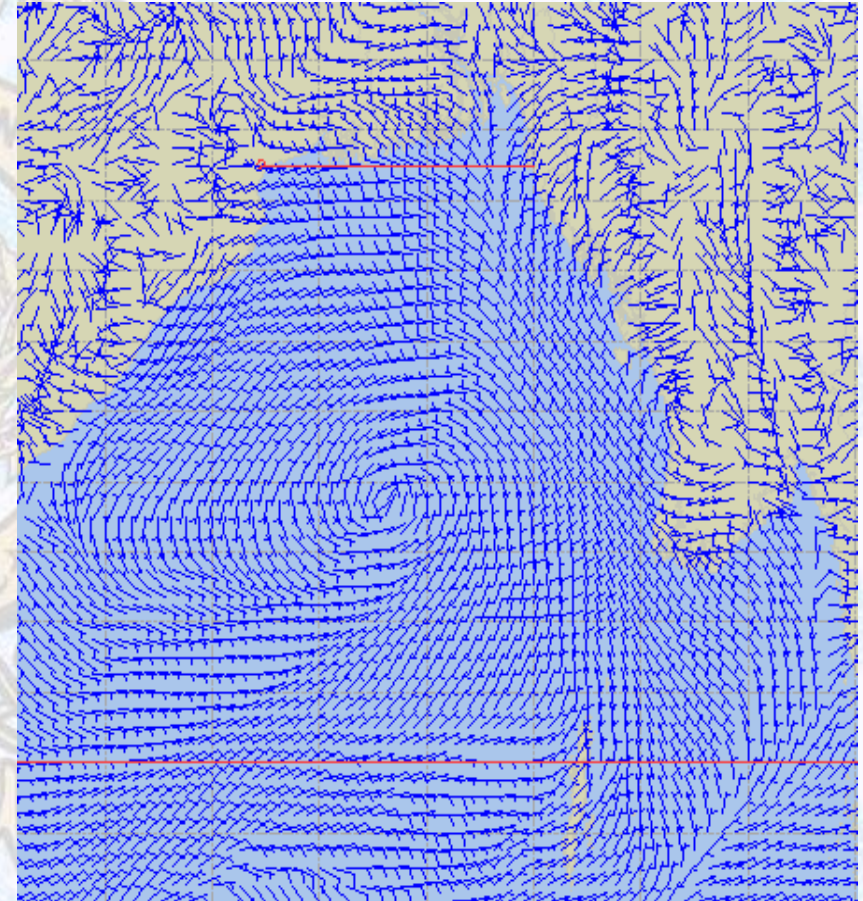
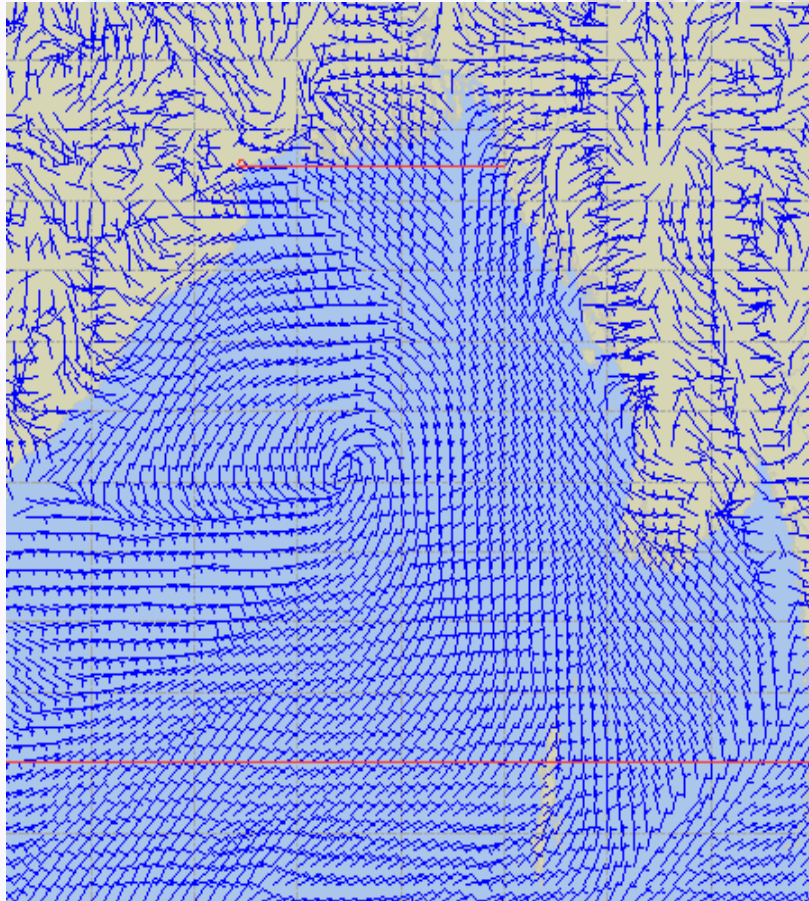
60 Knots



Surface Wind Forecast – 15 & 16 Feb - 2021

15 Feb 21 Monday

16 Feb 21 Tuesday



Legend:



Calm
Winds



5 Knots



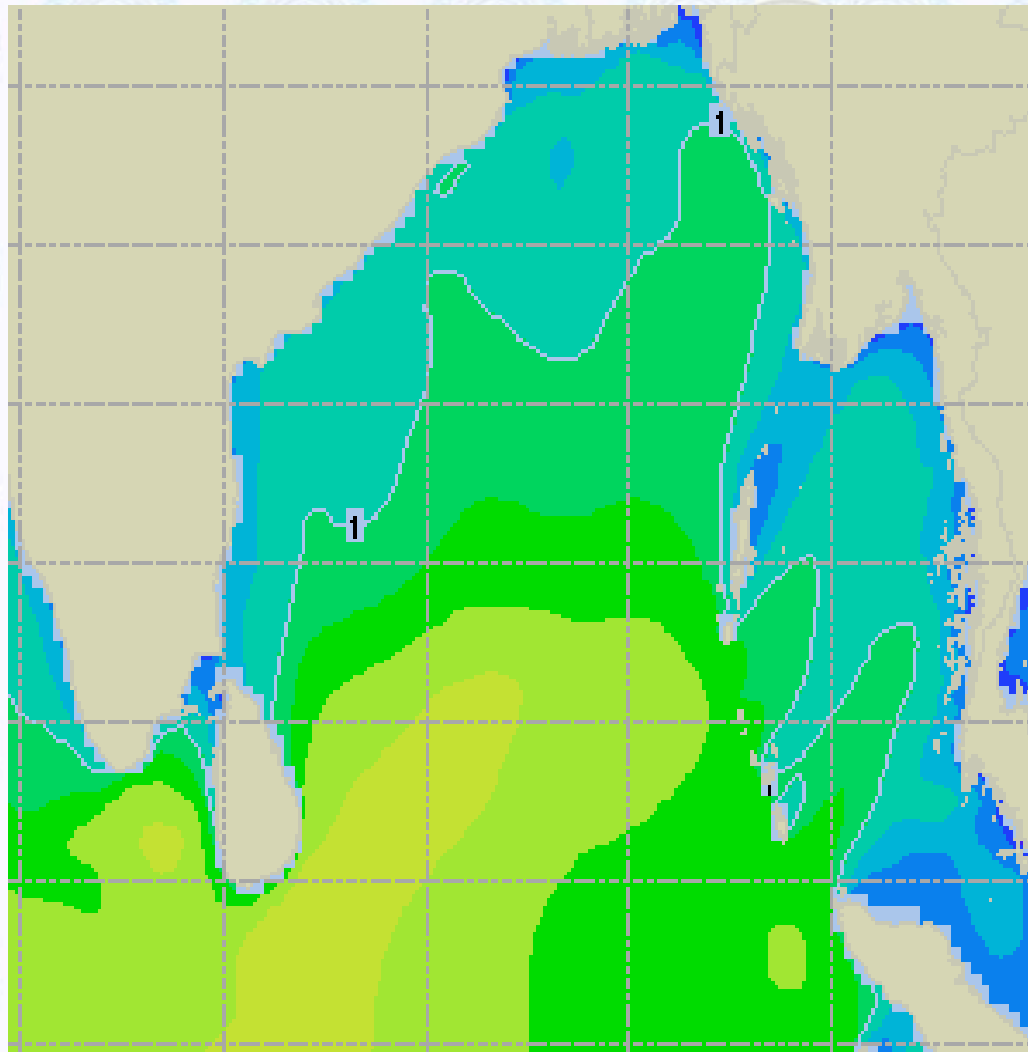
10 Knots



60 Knots



Sea State Forecast – 14 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

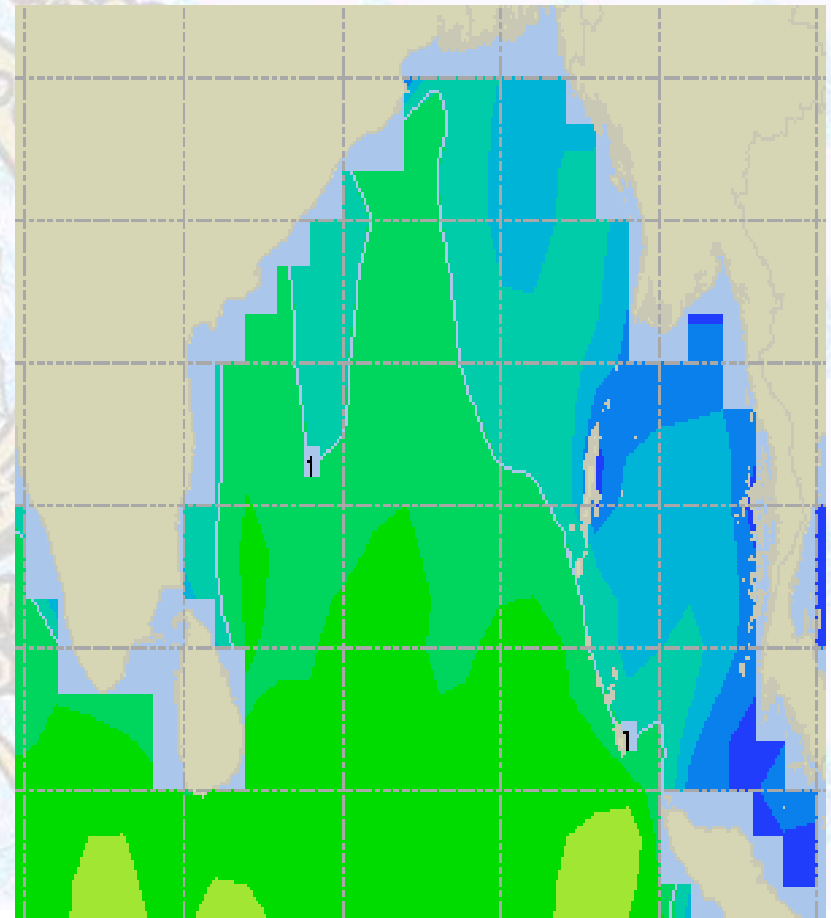
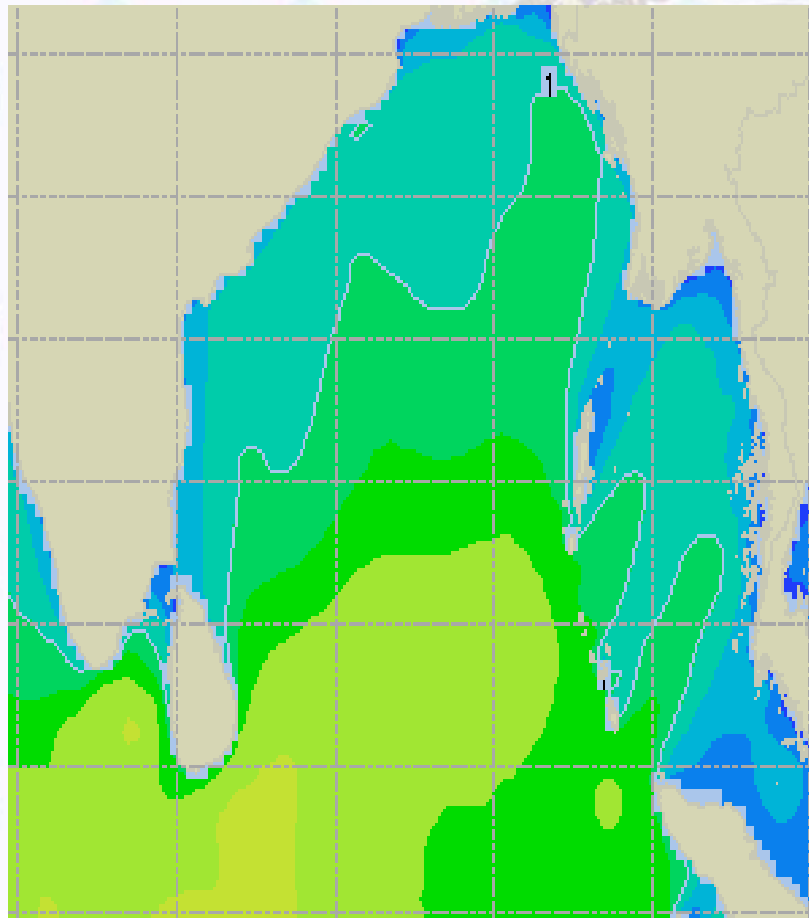




Sea State Forecast – 15 & 16 Feb - 2021

15 Feb 21 Monday

16 Feb 21 Tuesday

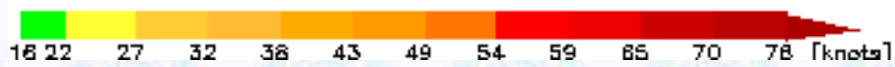
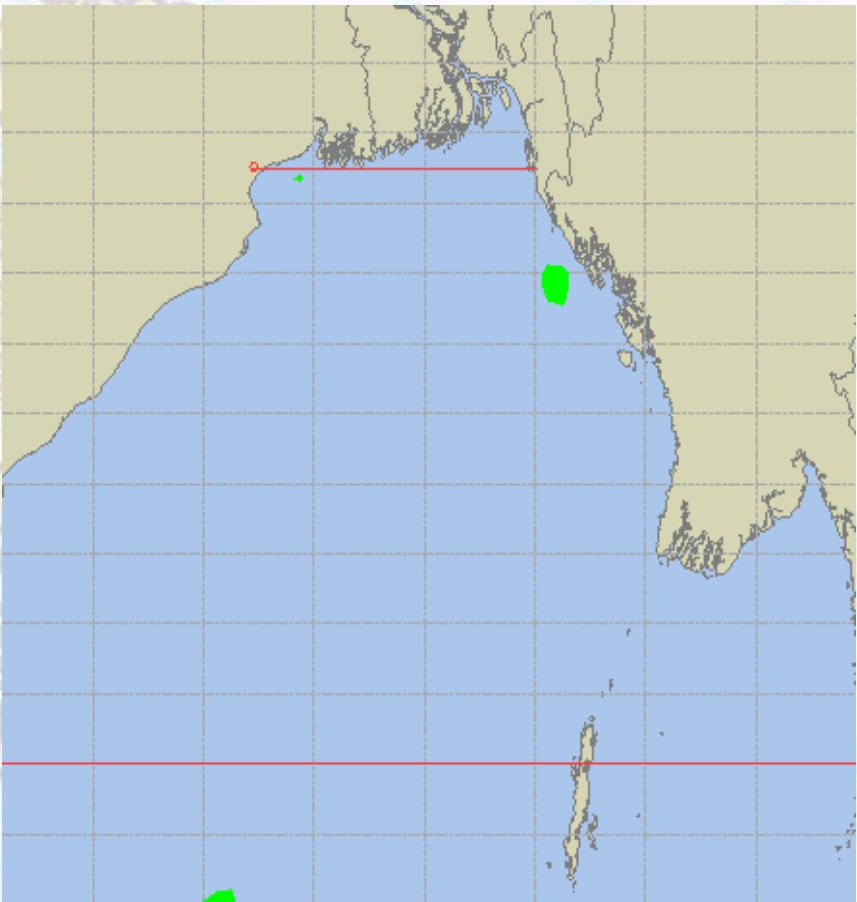
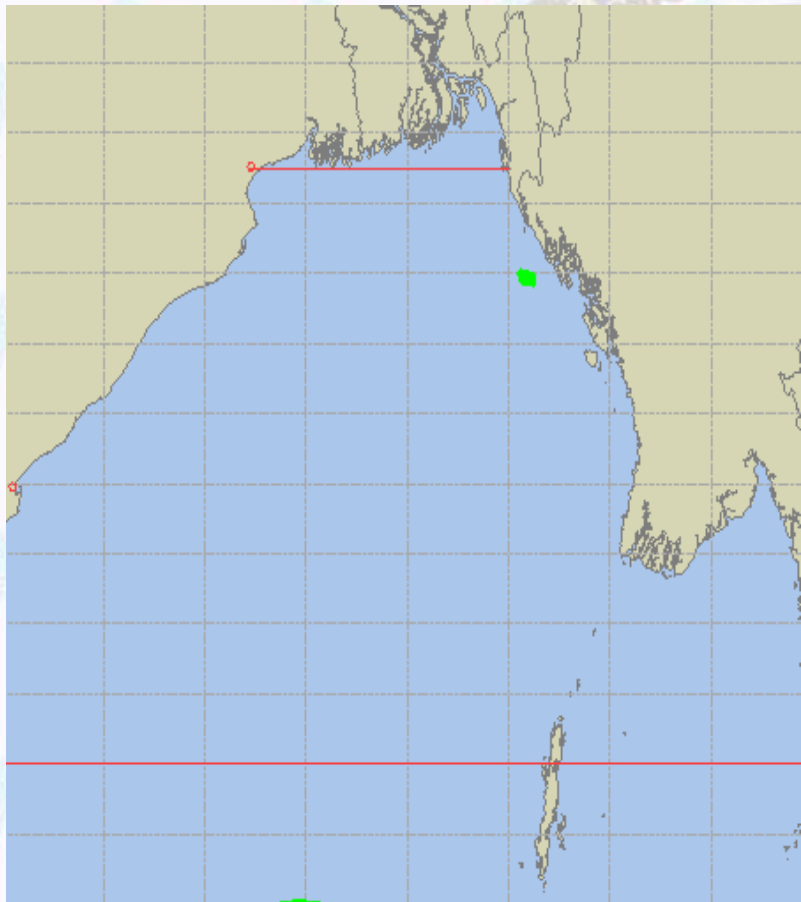




Peak Gusting Possibilities– 14 & 15 Feb 2021

14 Feb 21 Sunday

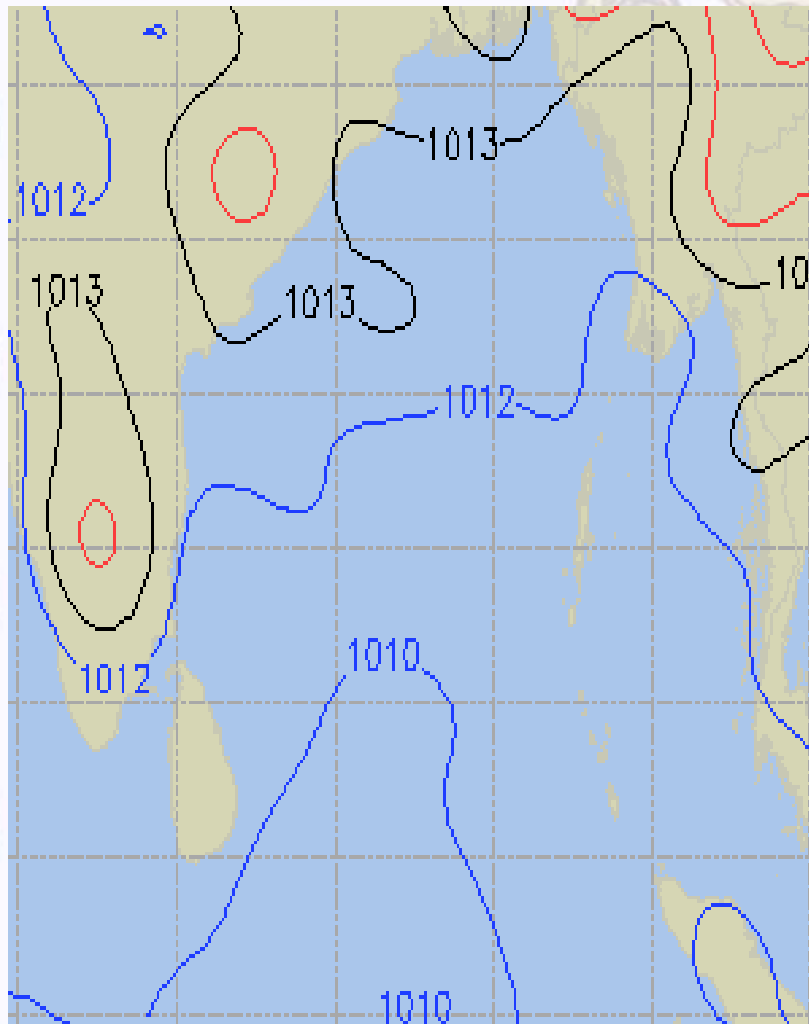
15 Feb 21 Monday



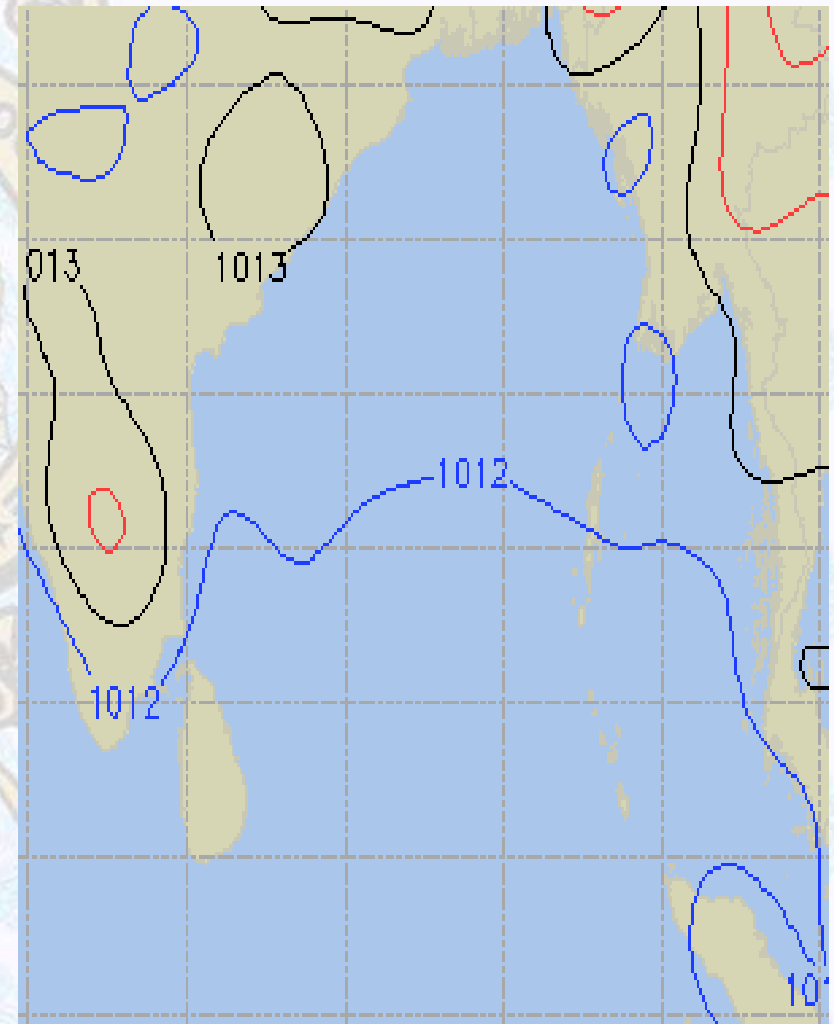


Surface Pressure forecast – 14 & 15 Feb 2021

14 Feb 21 Sunday



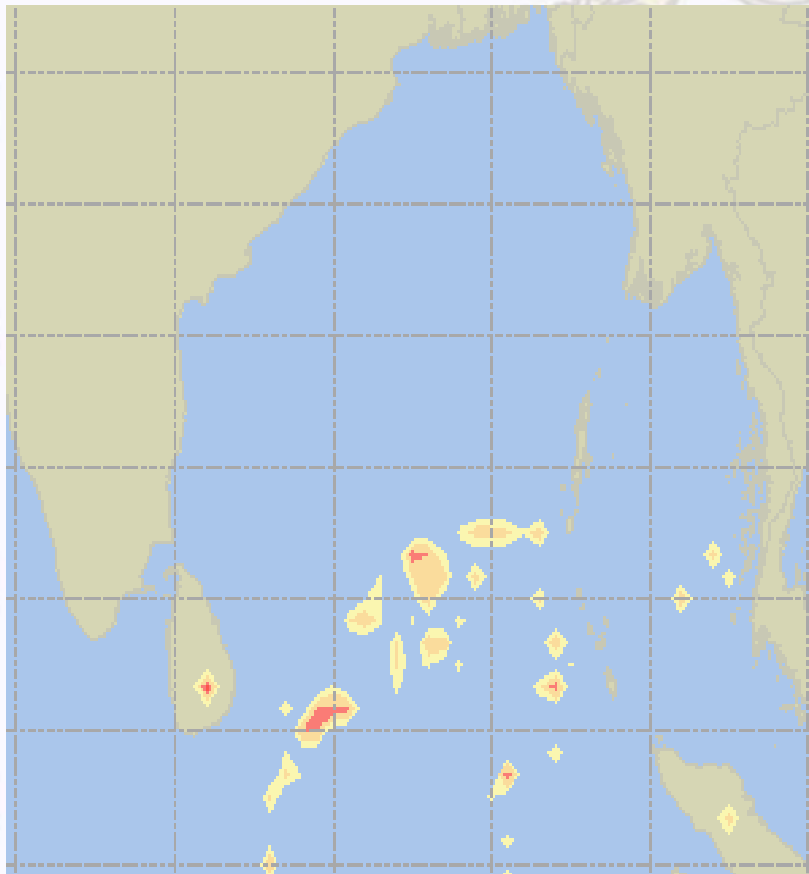
15 Feb 21 Monday



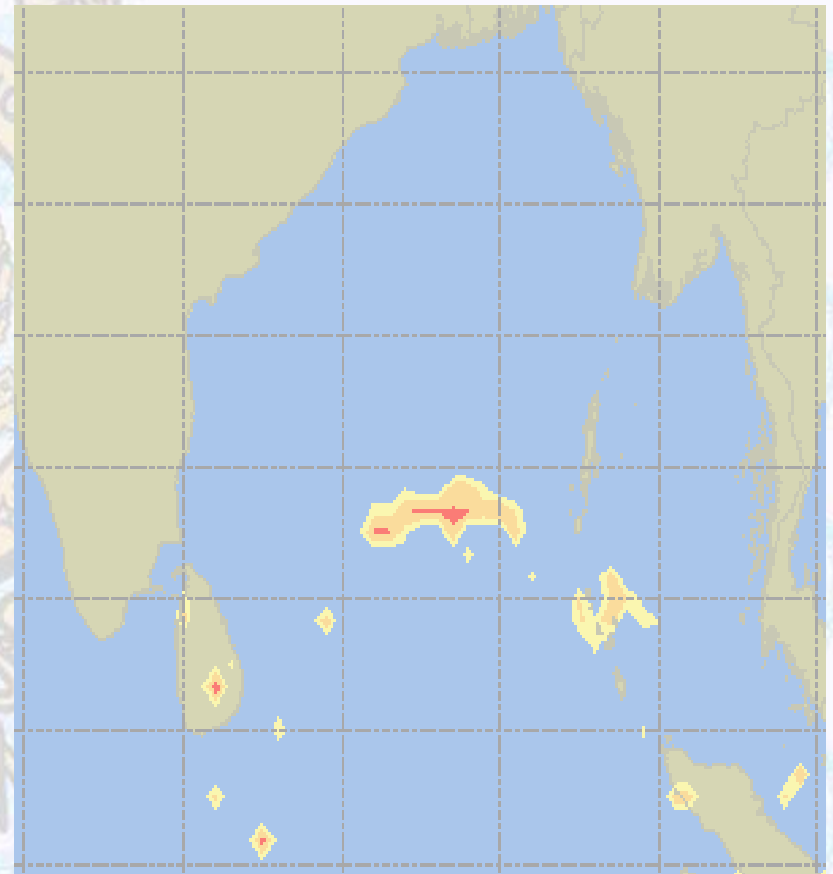


Visibility at Sea Forecast – 14 & 15 Feb 2021

14 Feb 21 Sunday



15 Feb 21 Monday



Visibility Scale:

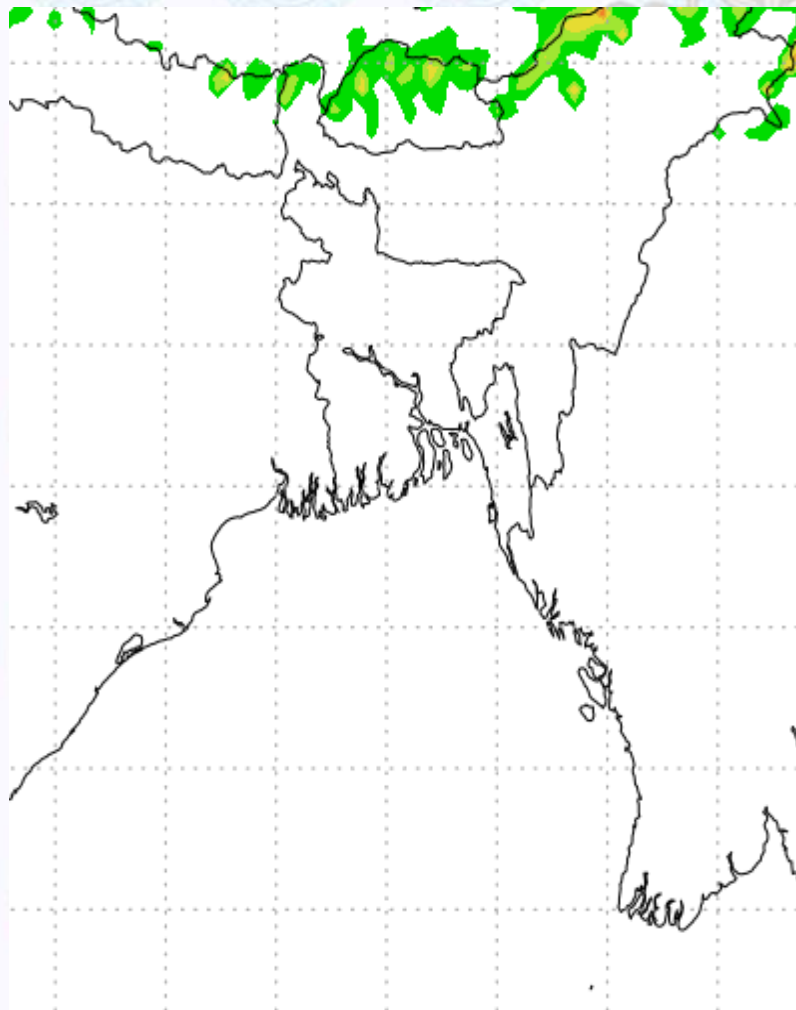


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

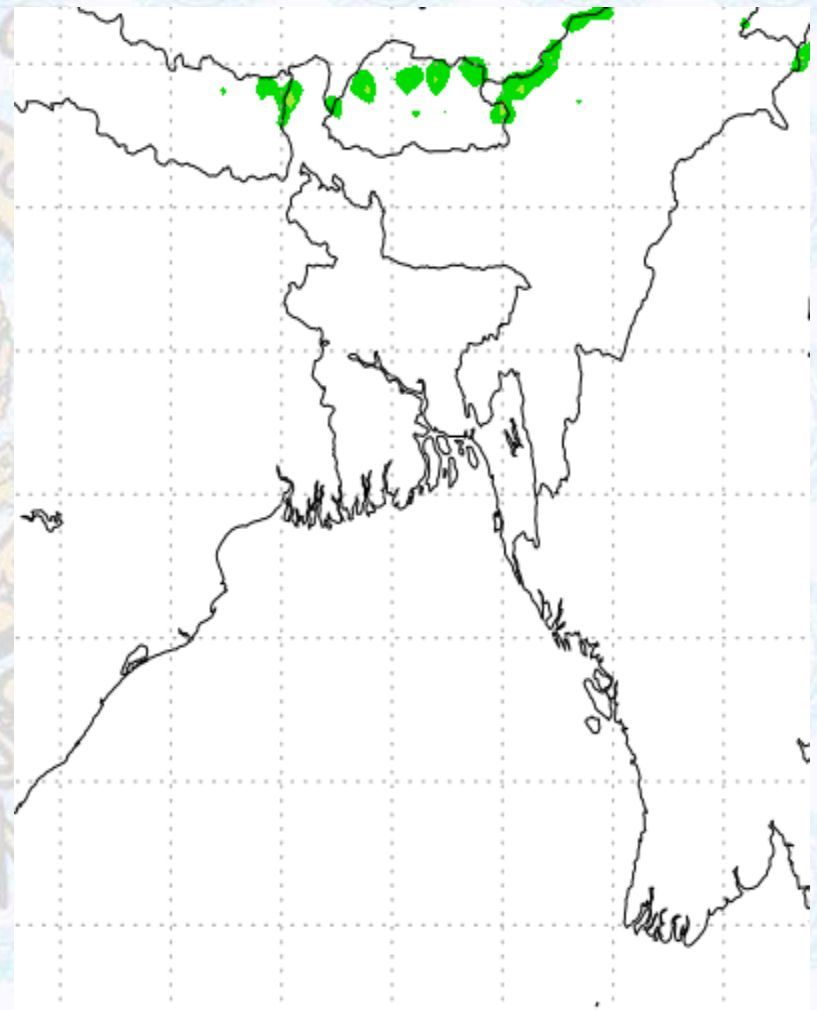


Precipitation

Rain(mm) 14 & 15 Feb 21



Rain(mm) 15 & 16 Feb 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

14 Feb 2021	Time	Height		Time	Height		Time	Height
	0215	4.37		0004	3.37		0008	2.85
	0902	0.28		0642	0.20		0633	0.33
	1442	4.08		1221	2.99		1228	2.64
	2105	0.44		1850	0.23		1836	0.44
15 Feb 2021	Time	Height		Time	Height		Time	Height
	0245	4.35		0038	3.29		0035	2.78
	0930	0.28		0712	0.24		0700	0.37
	1512	4.09		1255	2.92		1256	2.62
	2135	0.48		1920	0.30		1905	0.53
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