



WEATHER FORECAST FOR BN

12 JAN - 15 JAN 2021





WEATHER FORECAST – DHAKA

12.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 17	27 / 18	24 / 18	23 / 18
Wind	7 km/h W	7 km/h W	5 km/h WSW	3 km/h W
Humidity	55%	59%	62%	76%
Chance of Precip	1%	1%	2%	1%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 30 PM			

Conditions

Pressure : 1012 hpa

Visibility : 1.21 km

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



WEATHER FORECAST – CHATTOGRAM

12.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 18	26 / 17	24 / 19	23 / 19
Wind	8 km/h WNW	7 km/h WNW	6 km/h NW	4 km/h N
Humidity	50%	60%	74%	81%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	7%	5%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 34 AM			
Sunset	17: 27 PM			

Conditions

Pressure : 1013 hpa

Visibility : 5:40 Km

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



WEATHER FORECAST – KHULNA

12.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 17	30 / 17	24 / 16	23 / 18
Wind	8 km/h WNW	8 km/h WNW	3 km/h SW	5 km/h S
Humidity	51%	48%	62%	79%
Chance of Precip.	1%	2%	2%	3%
Cloud Cover	4%	3%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 45 AM 17: 35 PM			

Conditions

Pressure : 1014 hpa

Visibility : 9.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	13 Jan 2021	14 Jan 2021	15 Jan 2021
Temperature (C)	25°C/ 14°C	26°C/ 14°C	25°C/ 14°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h43m36s/17h31m18s	6h43m36s/17h32m06s	6h43m24s/17h32m48s
Day Length	10h47m42s	10h48m30s	10h49m24s
Moon Rise/ Set	6:46AM 5:40PM	7:40AM 6:41PM	8:24AM 7:42PM
Moon Phase/ illu	New Moon, 0%	Waxing Crescent, 3%	Waxing Crescent, 8%
Nautical Twilight	05:54, 18:10	05:53, 18:10	05:53, 18:09
Civil Twilight	06:22, 17:42	06:22, 17:43	06:21, 17:43
Humidity	D : 60% N : 70%	D : 63% N : 78%	D : 60% N : 75%
Barometer (mb)	1011	1010	1011
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	7%	6%
Wind (mph)	8 Km/h WSW	8 Km/h WSW	9 Km/h WSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	13 Jan 2021	14 Jan 2021	15 Jan 2021
Temperature (C)	26°C/ 17°C	26°C/ 18°C	25°C/ 17°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h35m00s/17h28m24s	6h35m00s/17h29m12s	6h34m54s/17h29m54s
Day Length	10h53m24s	10h54m12s	10h55m00s
Moon Rise/ Set	6:37AM 5:37PM	7:31AM 6:38PM	8:19AM 7:38PM
Moon Phase/ illu	New Moon, 0%	Waxing Crescent, 3%	Waxing Crescent, 7%
NauticalTwilight	05:42 18:08	05:42 18:08	05:41 18:07
Civil Twilight	06:12, 17:41	06:12, 17:41	06:11, 17:40
Humidity	D : 68% N : 81%	D : 65% N : 85%	D : 65% N : 80%
Barometer (mb)	1012	1011	1012
Visibility	Moderate	Moderate	Moderate
Precip Chance	7%	7%	5%
Wind (mph)	7 Km/h WNW	8 Km/h WNW	7 Km/h WNW

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



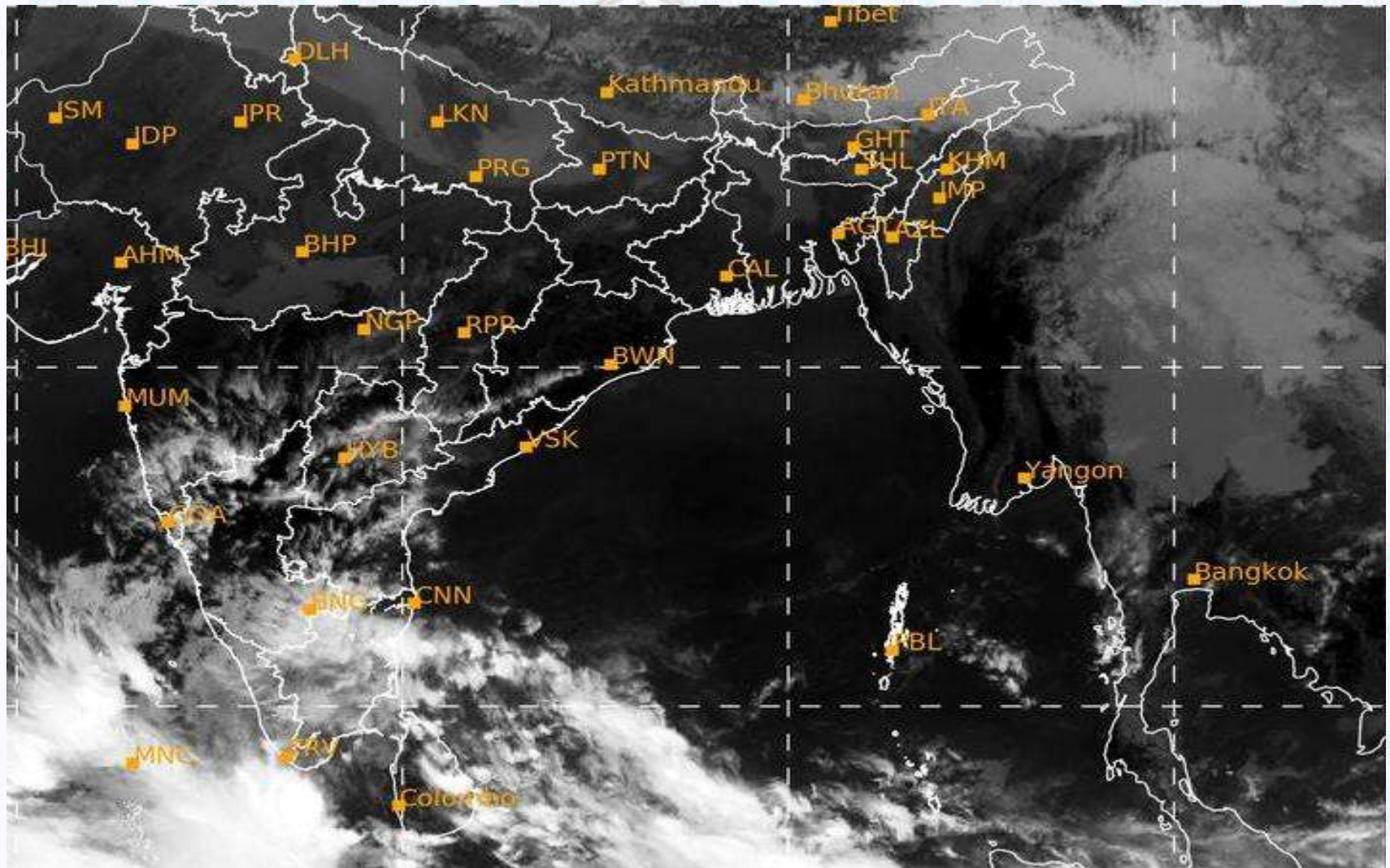
GENERAL WEATHER FORECAST – KHULNA

Description	13 Jan 2021	14 Jan 2021	15 Jan 2021
Temperature(C)	25°C/ 13°C	25°C/ 13°C	25°C/ 13°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h45m12s/17h36m36s	6h45m06s/17h37m24s	6h45m00s/17h38m06s
Day Length	10h51m24s	10h52m18s	10h53m06s
Moon Rise/Set	6:47AM 5:45PM	7:42AM 6:47PM	8:29AM 7:47PM
Moon Phase/illu	New Moon, 0%	Waxing Crescent, 3%	Waxing Crescent, 8%
Nautical Twilight	05:52, 18:16	05:52, 18:15	05:51, 18:14
Civil Twilight	06:21, 17:46	06:20, 17:46	06:20, 17:47
Humidity	D : 68% N : 83%	D : 60% N : 82%	D : 65% N : 81%
Barometer (mb)	1013	1012	1012
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	7%
Wind (mph)	7 km/h W	7 km/h W	8 km/h W

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



SATELLITE VIEW OF BAY OF BENGAL

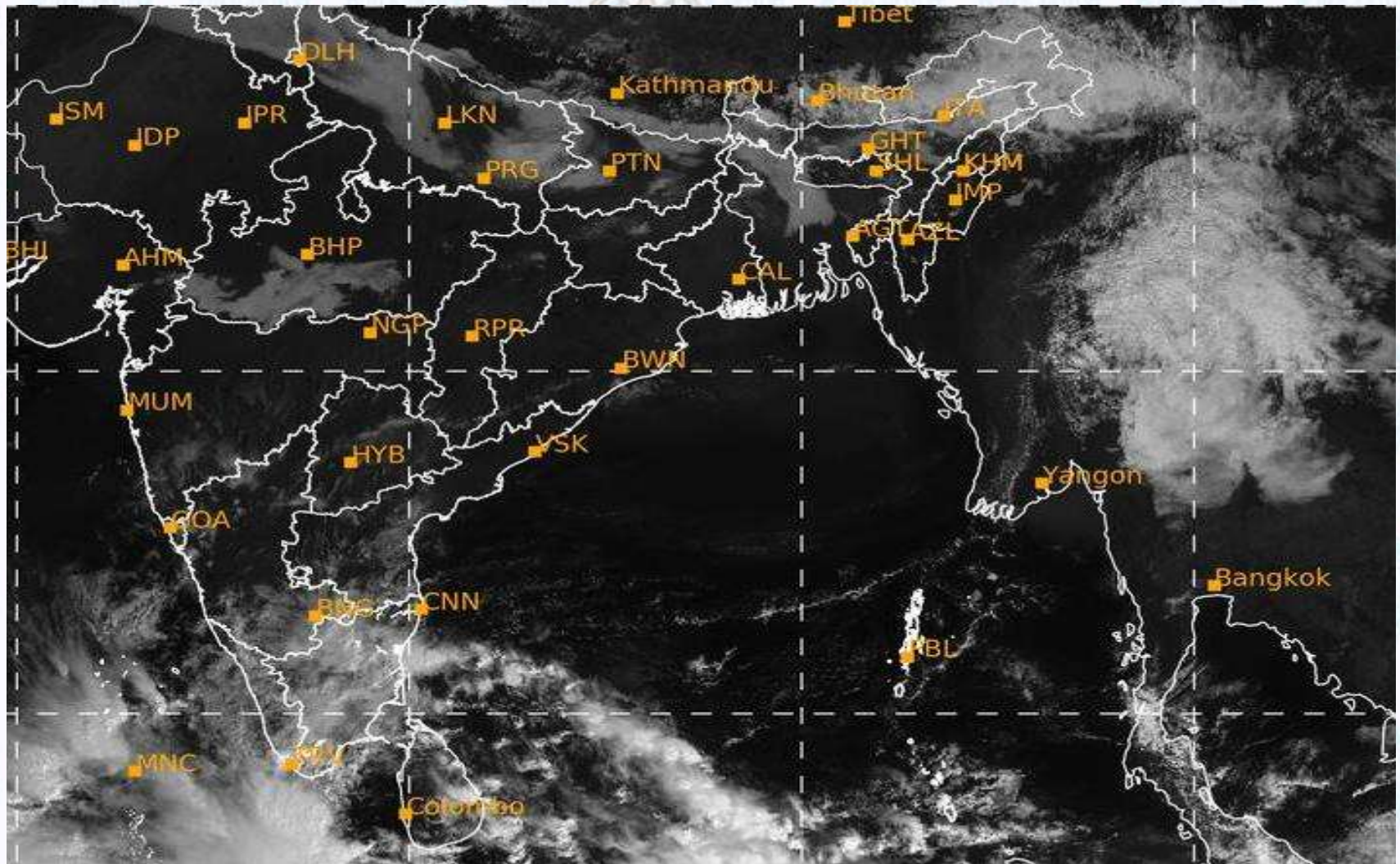


12/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



12/01/2021, 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 12.01.2021)

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-EASTERLY, 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 12,0000 UTC. CHATTOGRAM =1012 HPA



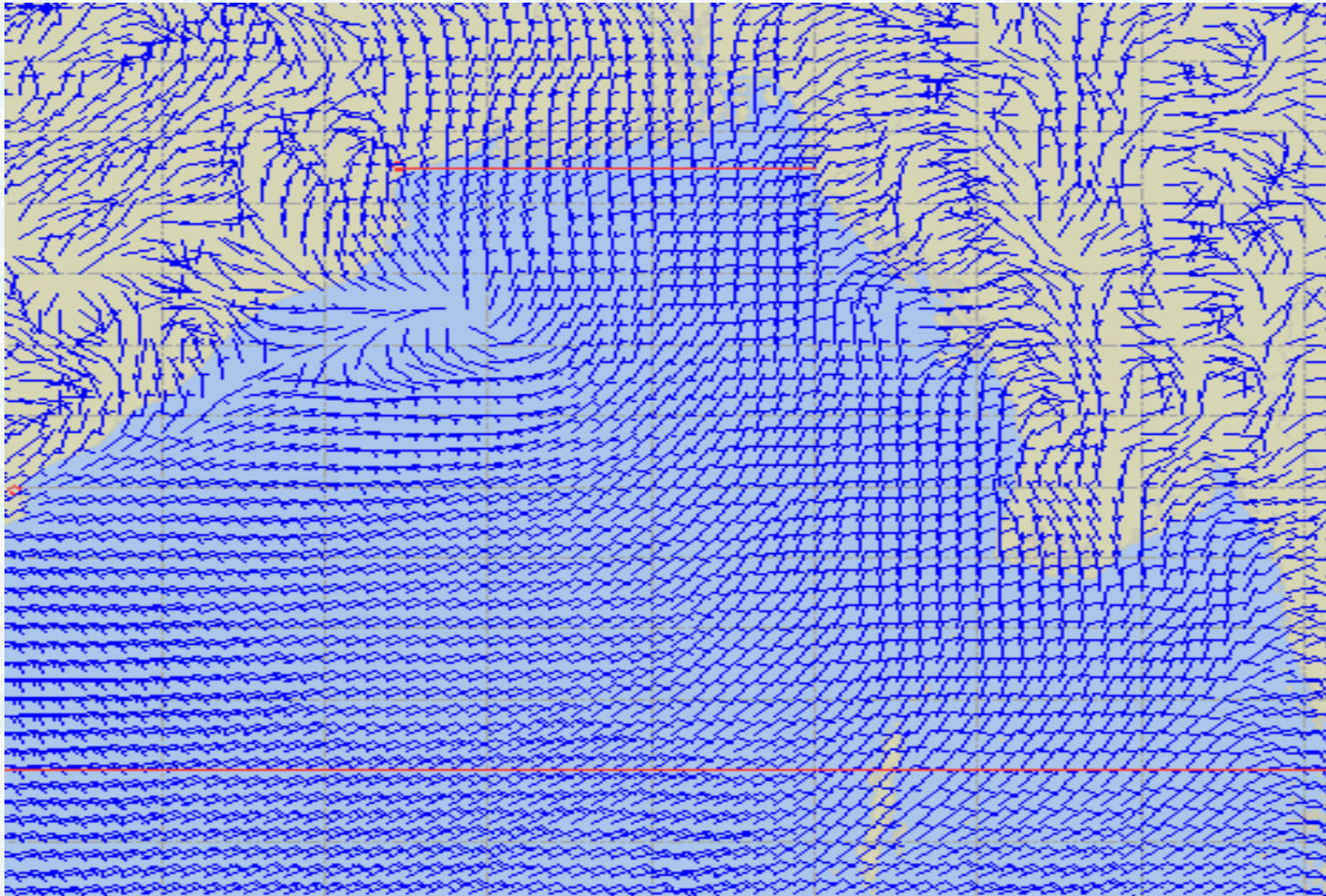
Inland River Port Warning **(VALID TILL 06 PM OF 12.01.2020)**

MODERATE TO THICK FOG MAY REDUCE THE SURFACE VISIBILITY TO 600 M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 02-03 HOURS COMMENCING 09 AM OF 12-01-2021 WHERE IN RIVER CRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



Surface Wind Forecast- 13 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



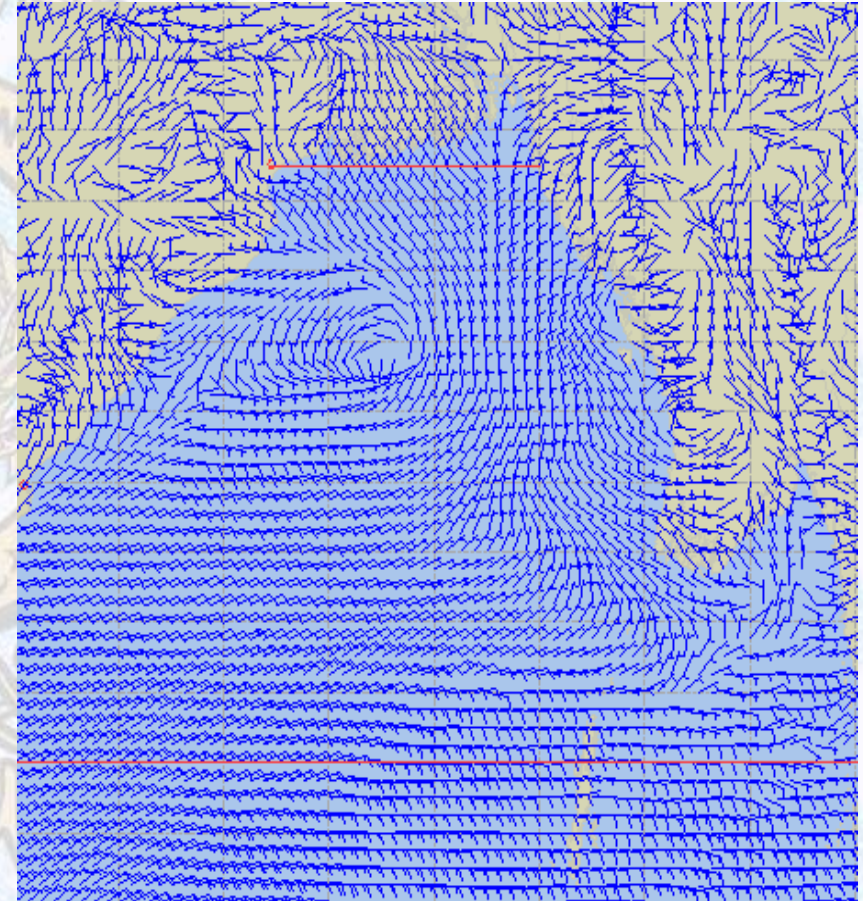
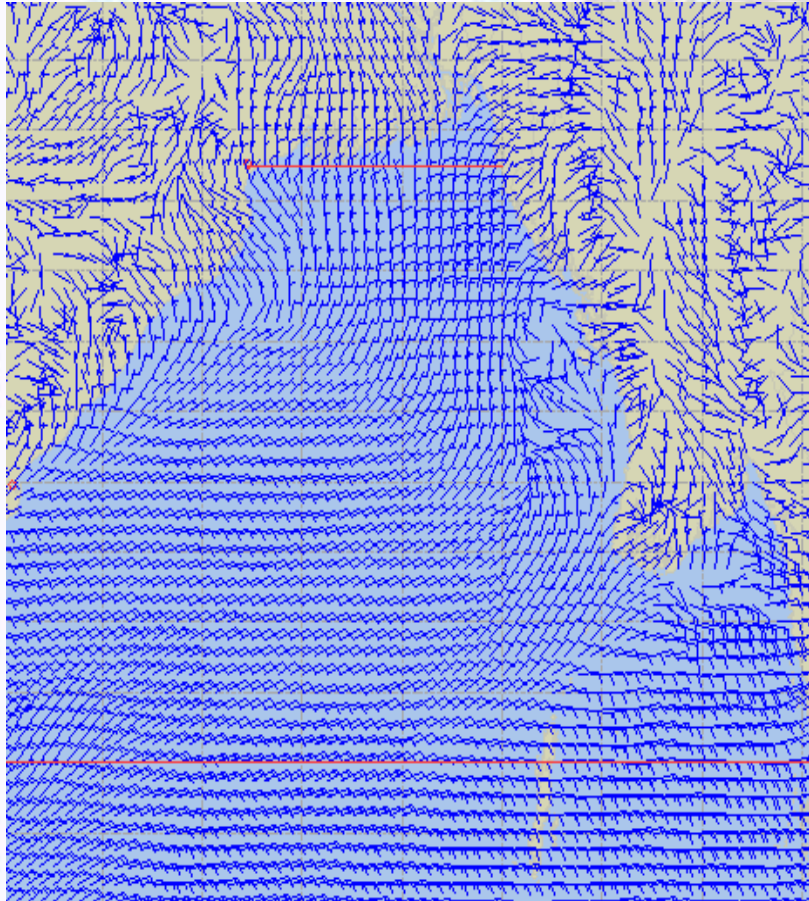
60 Knots



Surface Wind Forecast – 14 & 15 Jan - 2021

14 Jan 21 Thursday

15 Jan 21 Friday



Legend:



Calm
Winds



5 Knots



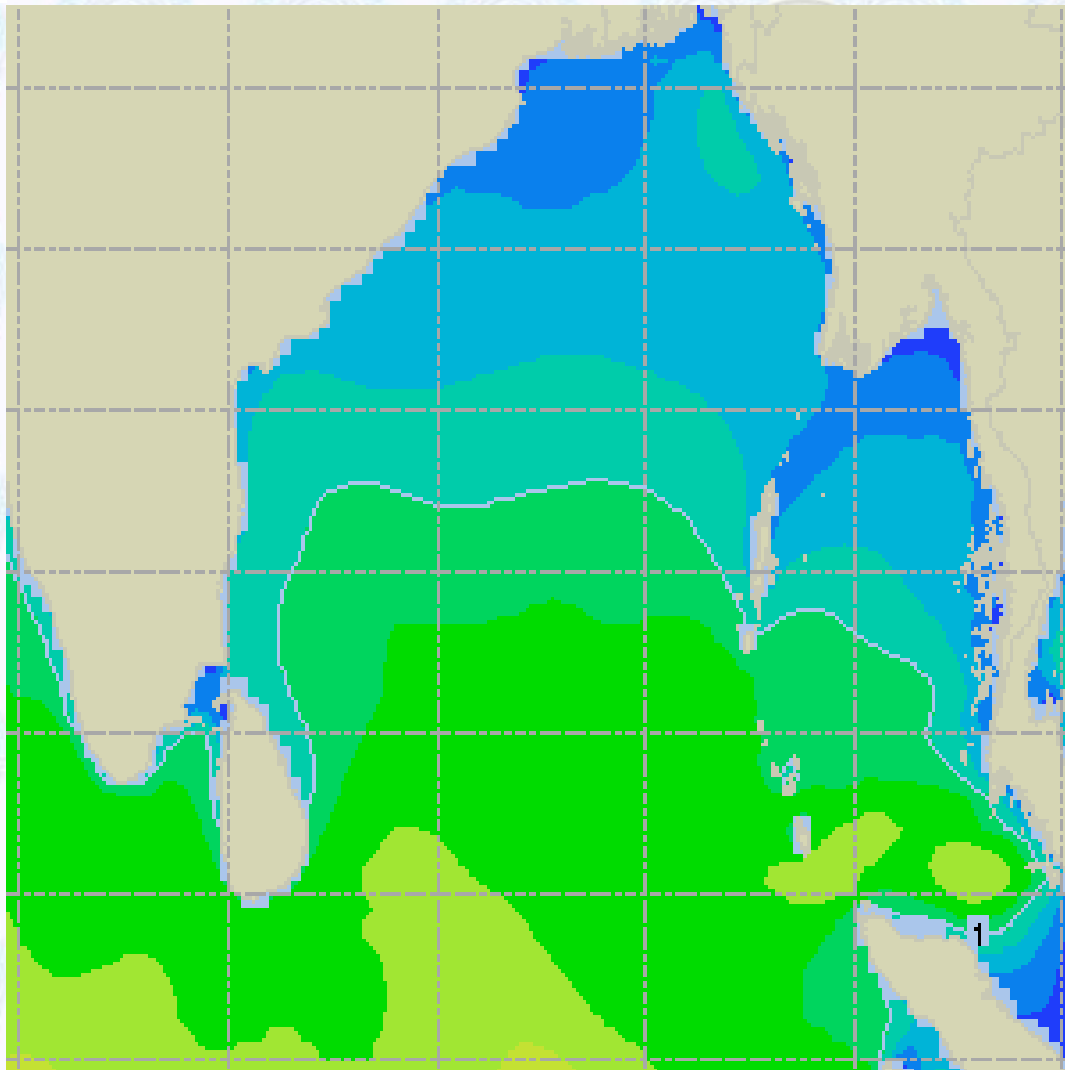
10 Knots



60 Knots



Sea State Forecast – 13 Jan - 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

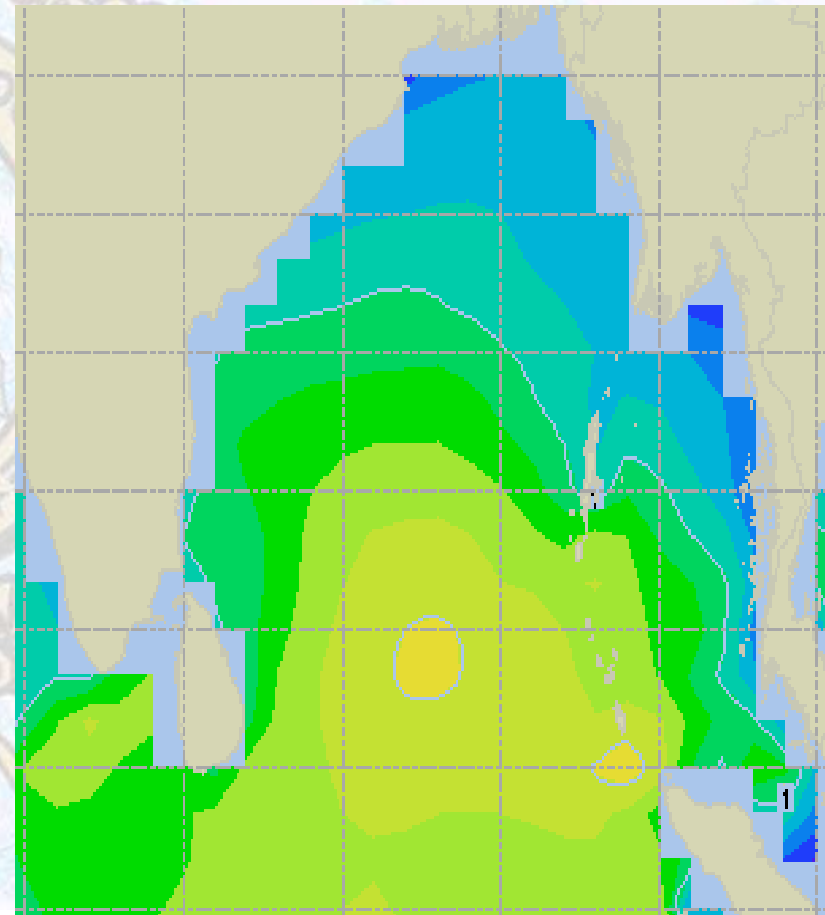
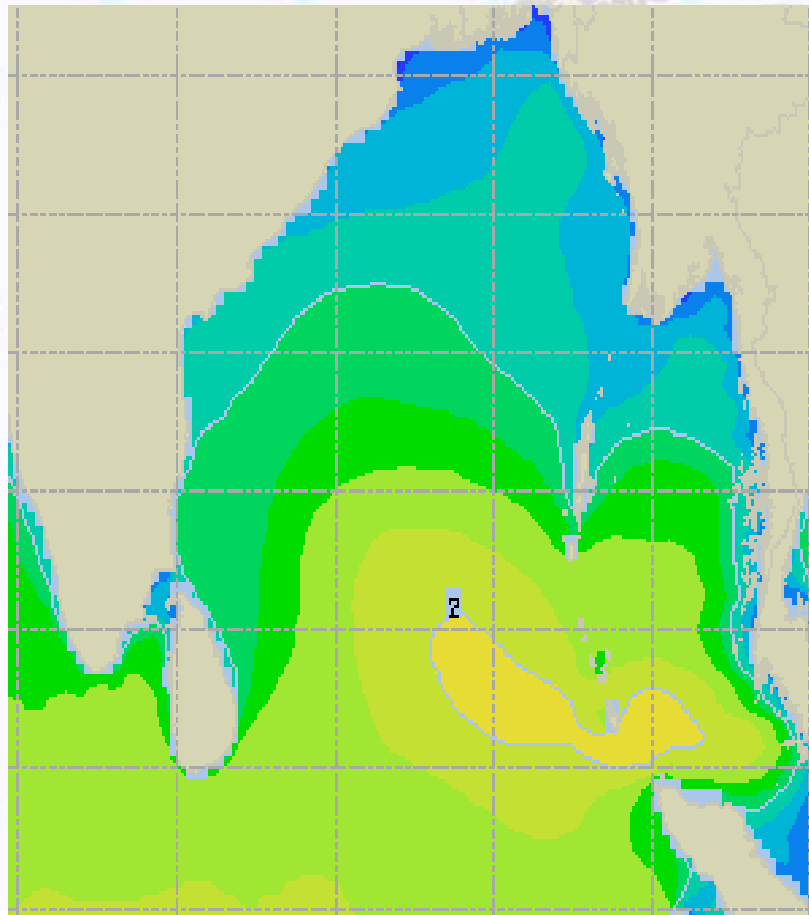




Sea State Forecast – 14 & 15 Jan - 2021

14 Jan 21 Thursday

15 Jan 21 Friday

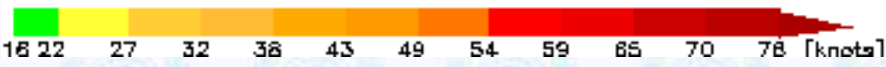
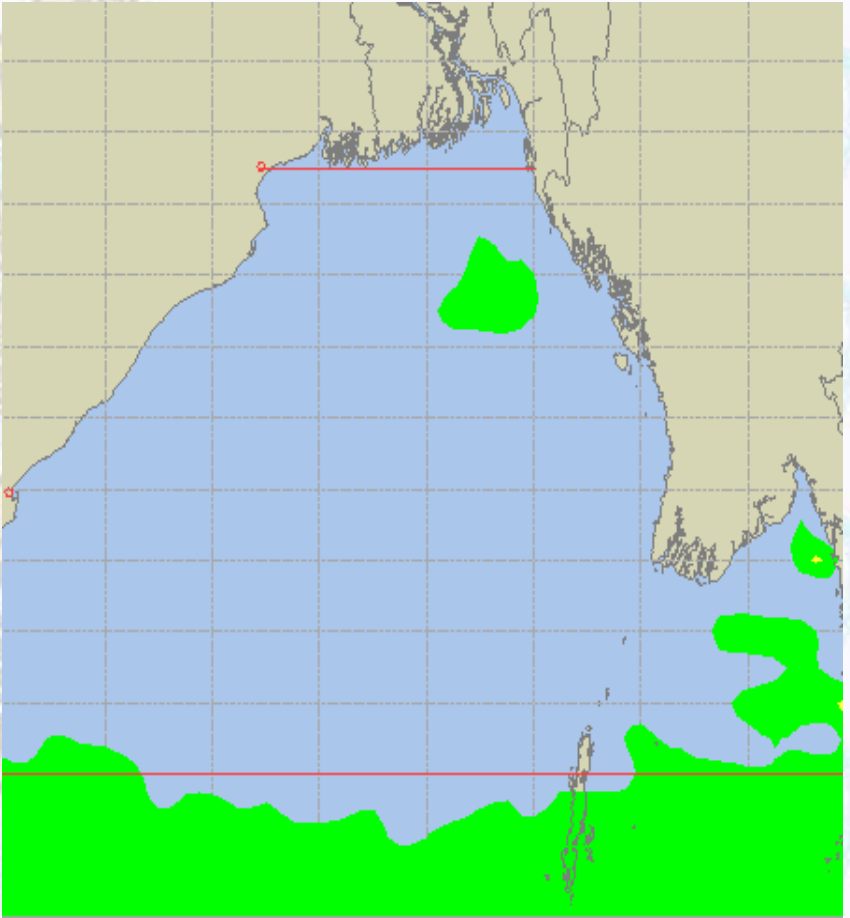
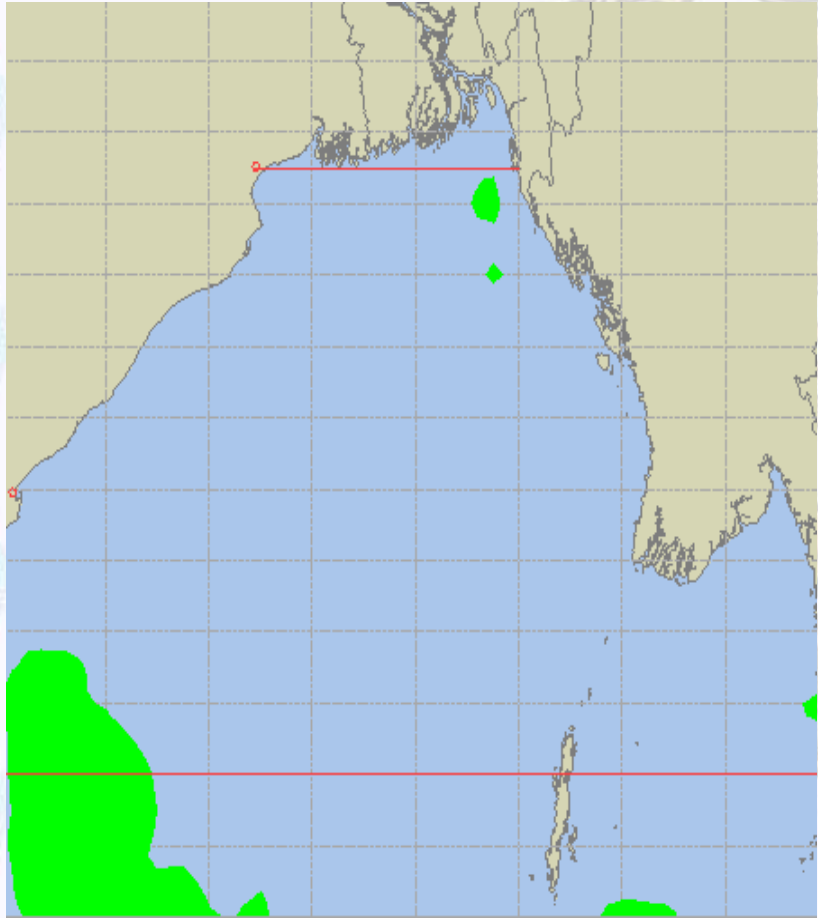




Peak Gusting Possibilities– 13 & 14 Jan 2021

13 Jan 21 Wednesday

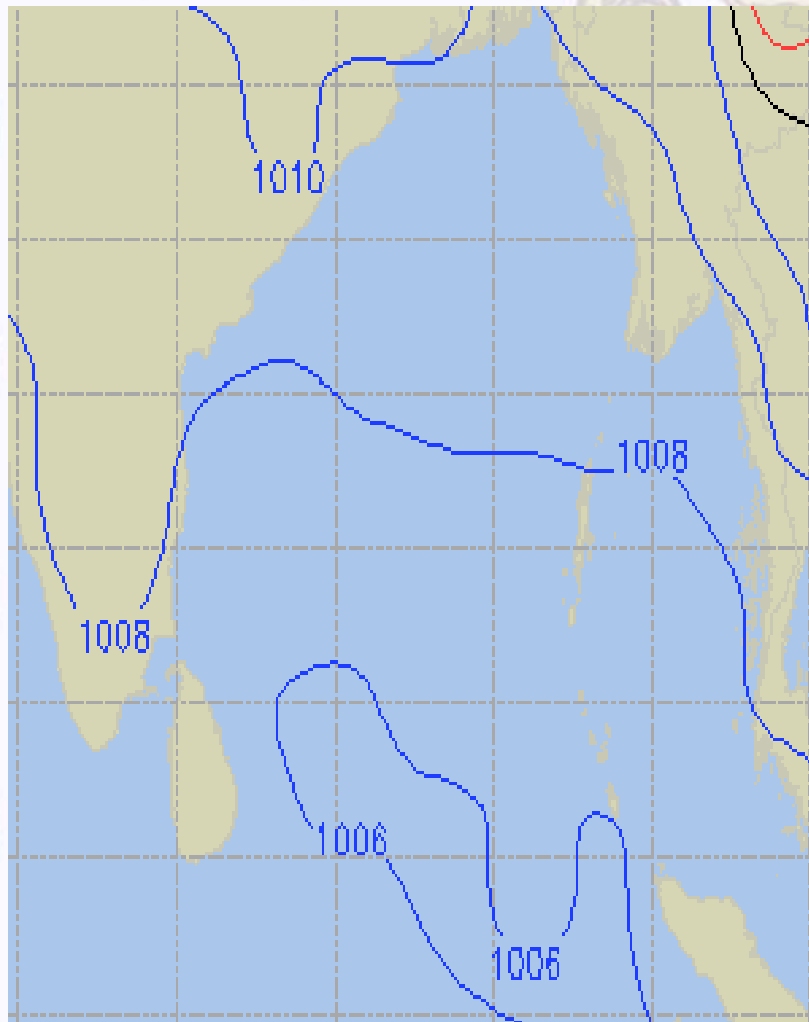
14 Jan 21 Thursday



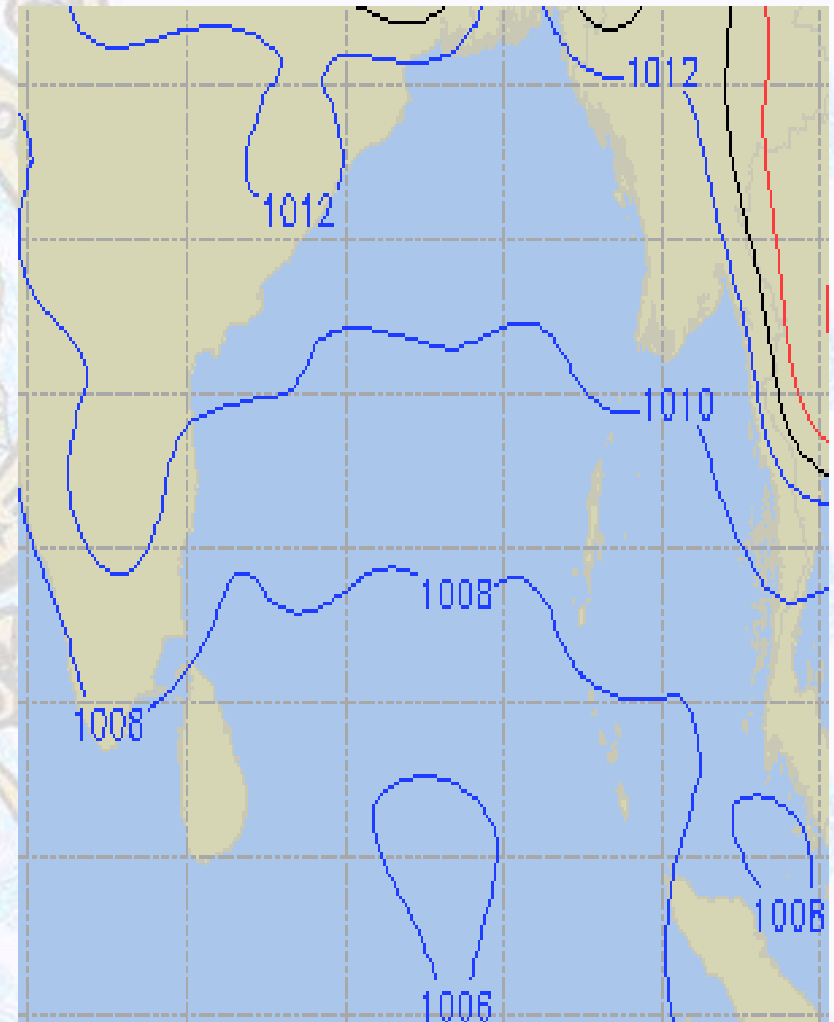


Surface Pressure forecast – 13 & 14 Jan 2021

13 Jan 21 Wednesday



14 Jan 21 Thursday

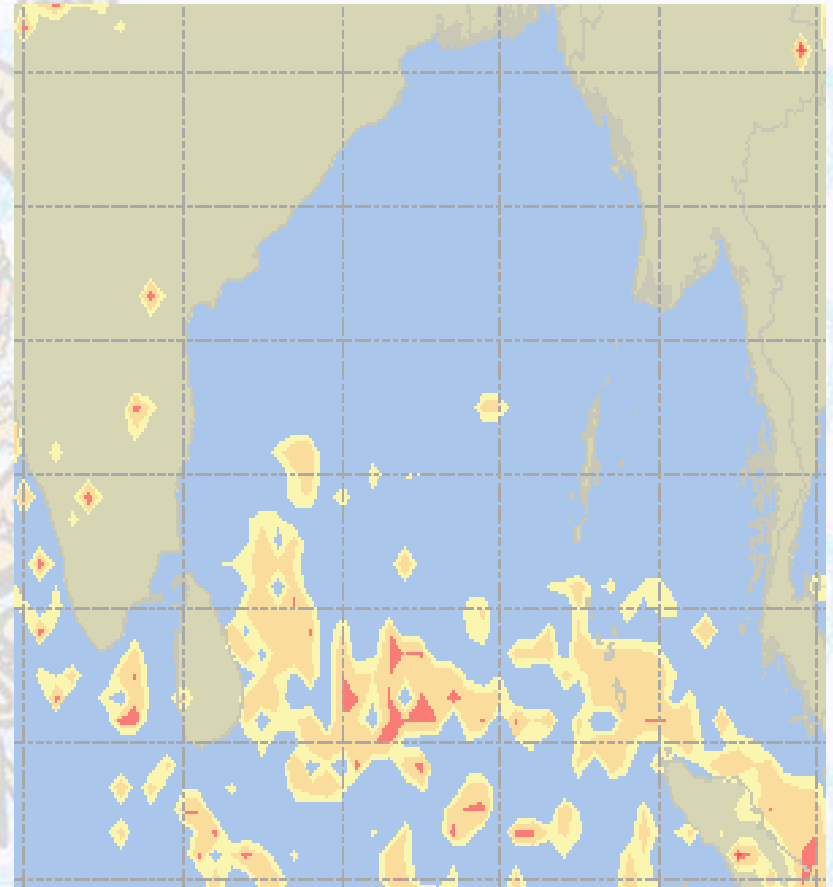
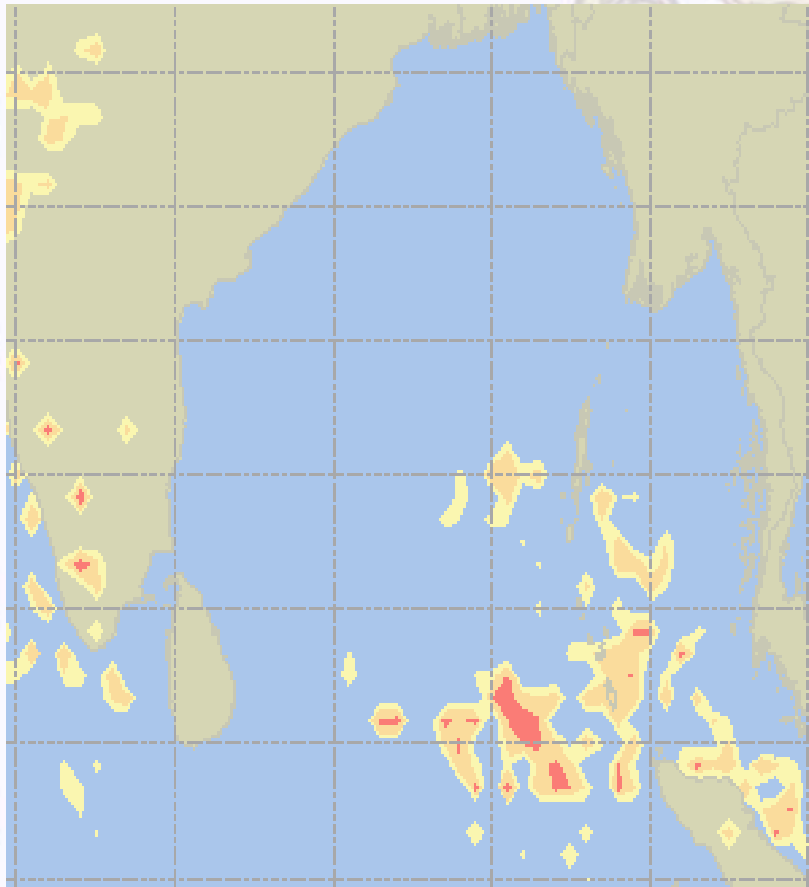




Visibility at Sea Forecast – 13 & 14 Jan 2021

13 Jan 21 Wednesday

14 Jan 21 Thursday



Visibility Scale:



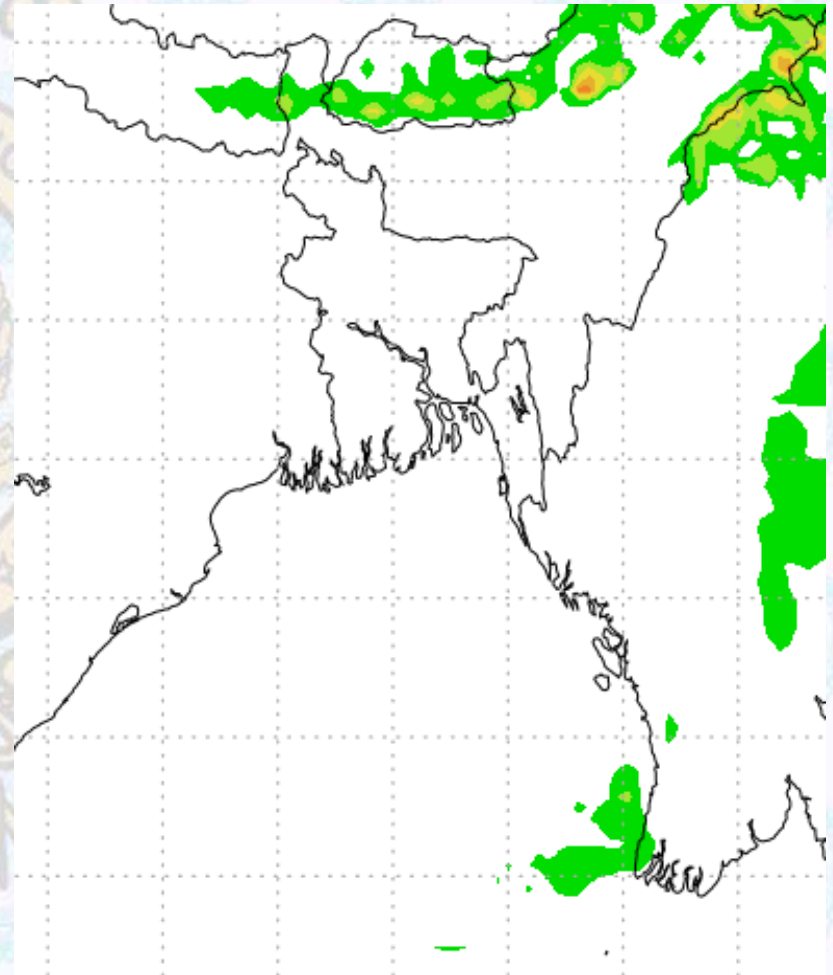
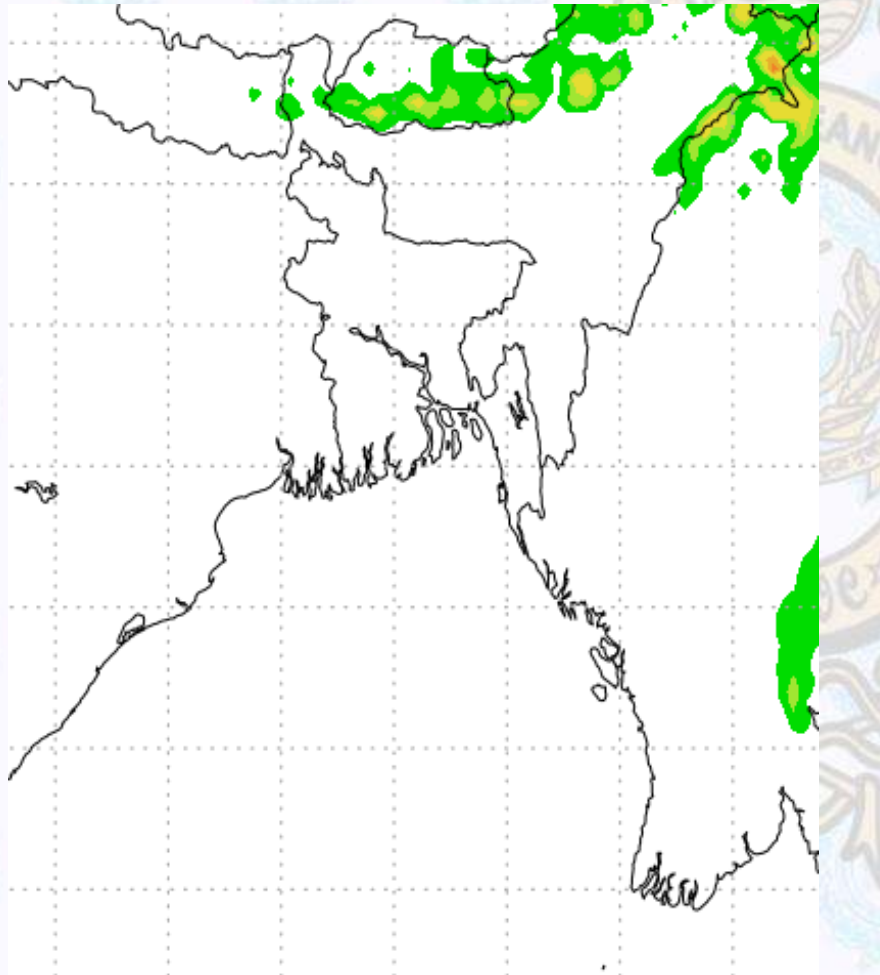
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 13 & 14 Jan 2021

Rain(mm) 14 & 15 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

13 Jan 2021	Time	Height		Time	Height		Time	Height
	0044	4.35		0504	0.43		0506	0.57
	0731	0.45		1040	2.88		1058	2.55
	1314	3.86		1712	0.33		1704	0.48
	1931	0.47		2304	3.43		2316	2.97
14 Jan 2021	Time	Height		Time	Height		Time	Height
	0123	4.41		0547	0.38		0548	0.50
	0813	0.41		1123	2.94		1138	2.59
	1352	3.47		1755	0.31		1744	0.48
	2011	0.47		2346	3.45		2354	2.97
15 Jan 2021	Time	Height		Time	Height		Time	Height
	0200	4.45		0628	0.36		0626	0.47
	0851	0.38		1204	2.94		1216	2.60
	1429	3.99		1834	0.34		1822	0.52
	2049	0.49		-	-		-	-