



WEATHER FORECAST FOR BN

14 JAN - 17 JAN 2021





WEATHER FORECAST – DHAKA

14.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 14	23 / 13	20 / 13	18 / 13
Wind	8 km/h W	9 km/h W	5 km/h NW	4 km/h NW
Humidity	55%	52%	66%	73%
Chance of Precip	1%	1%	2%	3%
Cloud Cover	25%	23%	3%	4%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 32 PM			

Conditions

Pressure : 1016 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

14.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 14	25 / 14	20 / 16	19 / 15
Wind	9 km/h NW	9 km/h WNW	6 km/h NW	7 km/h N
Humidity	50%	52%	77%	82%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	5%	3%	1%	10%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 35 AM			
Sunset	17: 29 PM			

Conditions

Pressure : 1016 hpa

Visibility : 2.05 Km

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



WEATHER FORECAST – KHULNA

14.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 13	24 / 13	19 / 13	17 / 13
Wind	5 km/h NW	6 km/h NW	5 km/h N	3 km/h N
Humidity	49%	49%	68%	78%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	14%	16%	4%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 45 AM 17: 37 PM			

Conditions

Pressure : 1016 hpa

Visibility : 9.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	15 Jan 2021	16 Jan 2021	17 Jan 2021
Temperature (C)	24 °C/ 13 °C	24 °C/ 14 °C	25 °C/ 15 °C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h43m24s/17h32m48s	6h43m24s/17h33m36s	6h43m18s/17h34m18s
Day Length	10h49m24s	10h50m12s	10h51m00s
Moon Rise/ Set	8:24AM 7:42PM	9:09AM 8:39PM	9:46AM 9:33PM
Moon Phase/ illu	Waxing Crescent, 8%	Waxing Crescent, 14%	Waxing Crescent, 22%
Nautical Twilight	05:53, 18:09	05:52, 18:09	05:53, 18:08
Civil Twilight	06:21, 17:43	06:21, 17:44	06:22, 17:43
Humidity	D : 61% N : 77%	D : 63% N : 78%	D : 63% N : 79%
Barometer (mb)	1013	1011	1012
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 Km/h WNW	7 Km/h WSW	4 Km/h NNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	15 Jan 2021	16 Jan 2021	17Jan 2021
Temperature (C)	25 °C/ 14 °C	24 °C/ 13 °C	25 °C/ 14 °C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h34m54s/17h29m54s	6h34m54s/17h30m42s	6h34m48s/17h31m24s
Day Length	10h55m00s	10h55m48s	10h56m36s
Moon Rise/ Set	8:19AM 7:38PM	9:01AM 8:35PM	9:39AM 9:29PM
Moon Phase/ illu	Waxing Crescent, 7%	Waxing Crescent, 14%	Waxing Crescent, 22%
NauticalTwilight	05:41 18:07	05:41 18:07	05:42 18:06
Civil Twilight	06:11, 17:40	06:11, 17:40	06:12, 17:39
Humidity	D : 61% N : 80%	D : 61% N : 85%	D : 63% N : 87%
Barometer (mb)	1013	1012	1012
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 Km/h NW	8 Km/h WNW	8 Km/h NW

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



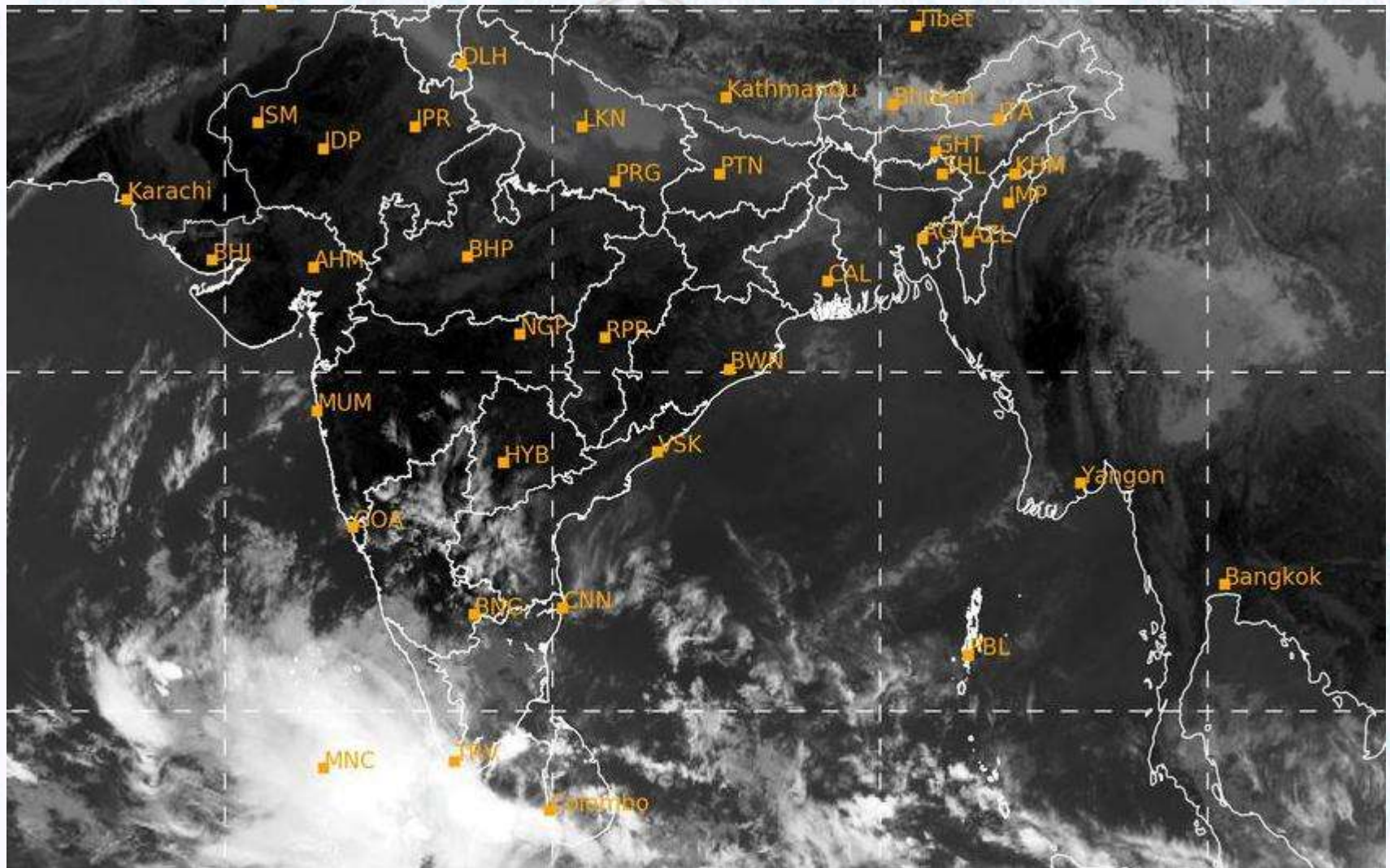
GENERAL WEATHER FORECAST – KHULNA

Description	15 Jan 2021	16 Jan 2021	17 Jan 2021
Temperature(C)	24°C/ 12°C	25°C/ 13°C	25°C/ 14°C
Summary	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
Sun Rise/Set	6h45m00s/17h38m06s	6h45m00s/17h38m54s	6h44m54s/17h39m36s
Day Length	10h53m06s	10h53m54s	10h54m42s
Moon Rise/Set	8:29AM 7:47PM	9:11AM 8:34PM	9:49AM 9:38PM
Moon Phase/illu	Waxing Crescent, 8%	Waxing Crescent, 14%	Waxing Crescent, 22%
Nautical Twilight	05:51, 18:14	05:51, 18:14	05:52, 18:13
Civil Twilight	06:20, 17:47	06:19, 17:47	06:20, 17:46
Humidity	D : 60% N : 77%	D : 60% N : 78%	D : 62% N : 79%
Barometer (mb)	1013	1011	1012
Visibility	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 km/h NW	8 km/h WNW	6 km/h N

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



SATELLITE VIEW OF BAY OF BENGAL

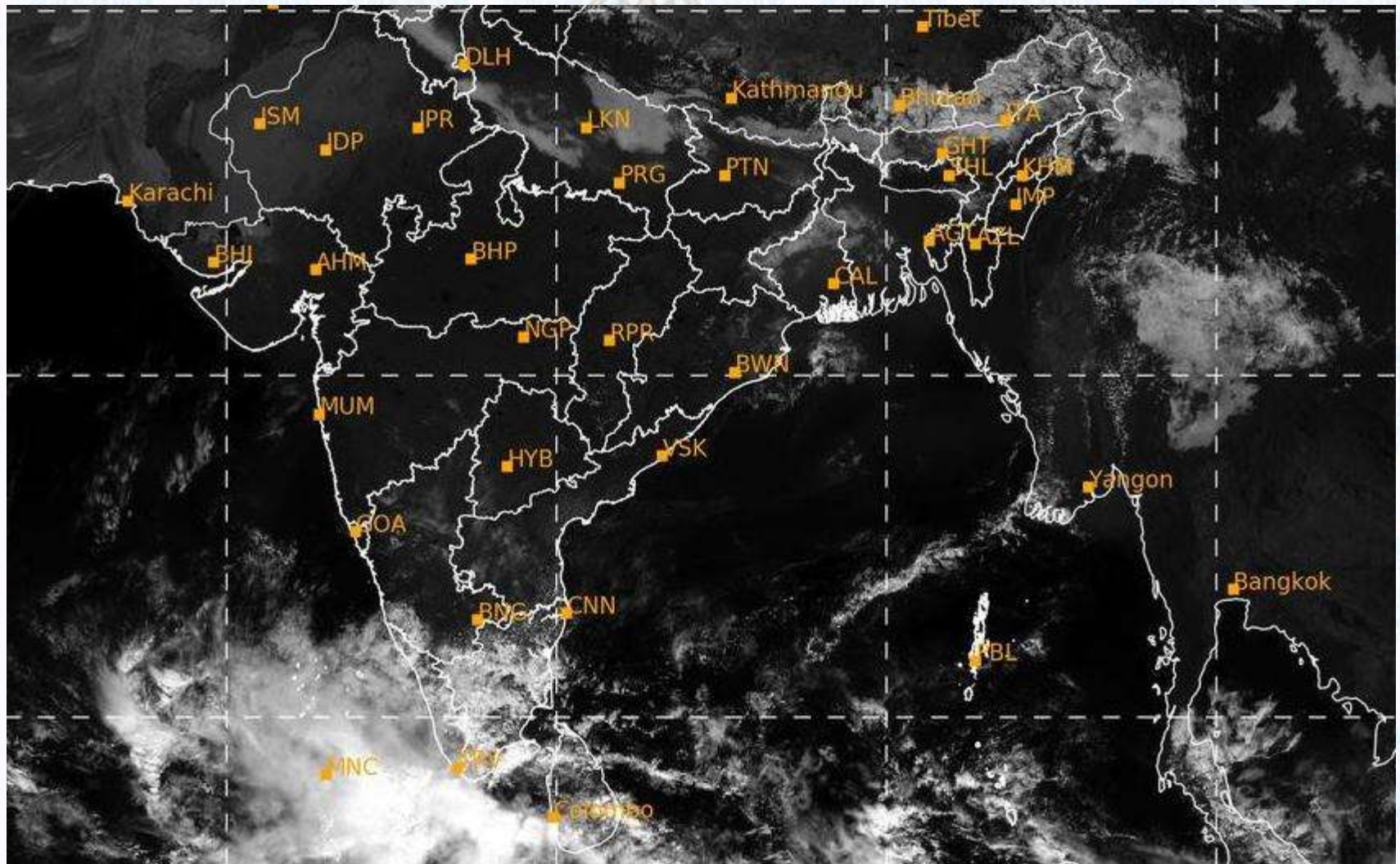


14/01/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



14/01/2021, 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 14.01.2021)

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 FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 14,0000 UTC. CHATTOGRAM =1016 HPA



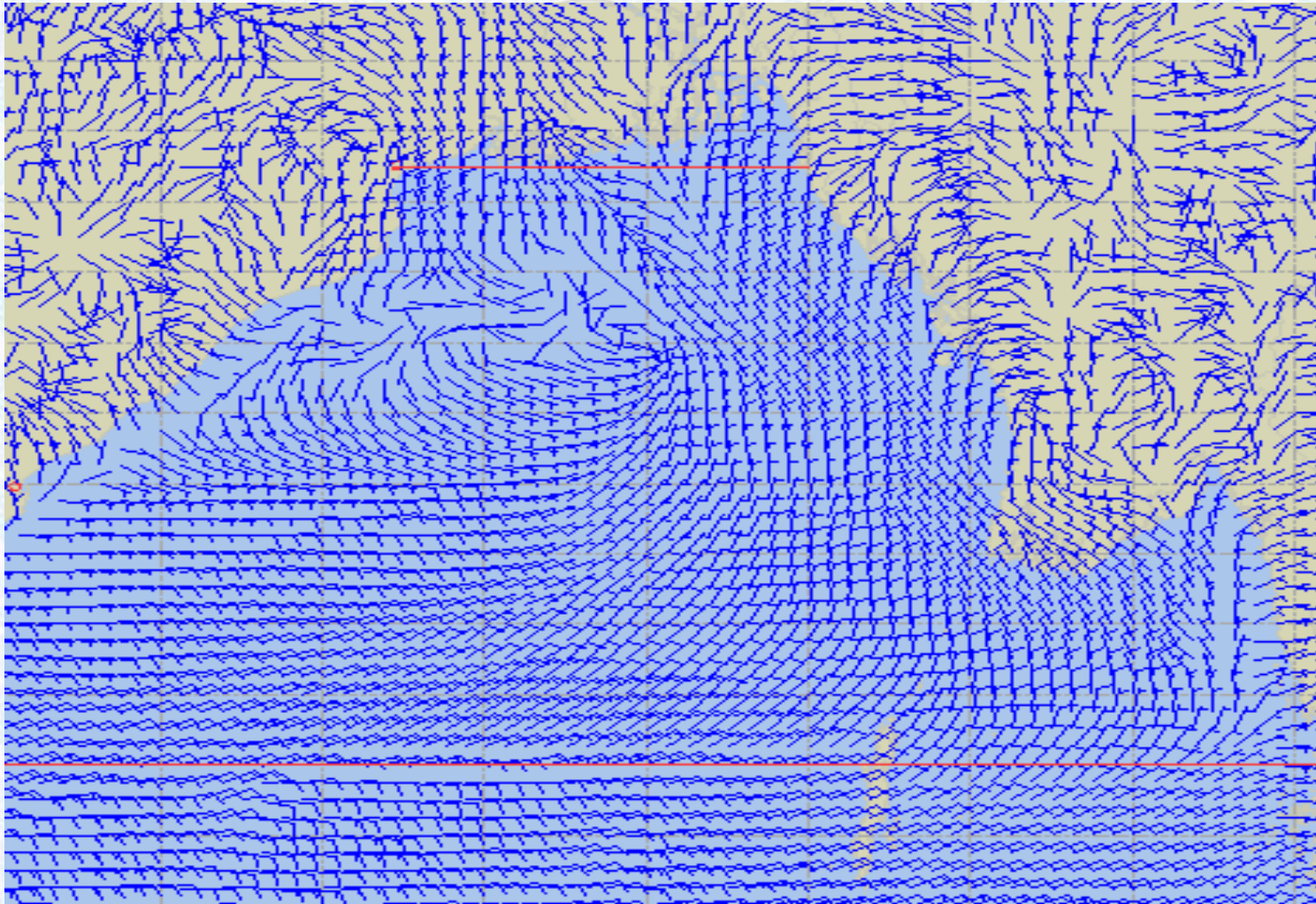
Inland River Port Warning **(VALID TILL 06 PM OF 14.01.2020)**

MODERATE TO THICK FOG MAY REDUCE SURFACE VISIBILITY TO 400 M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 06-07 HRS COMMENCING 05 AM OF 14.01.2021 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



Surface Wind Forecast- 15 Jan - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



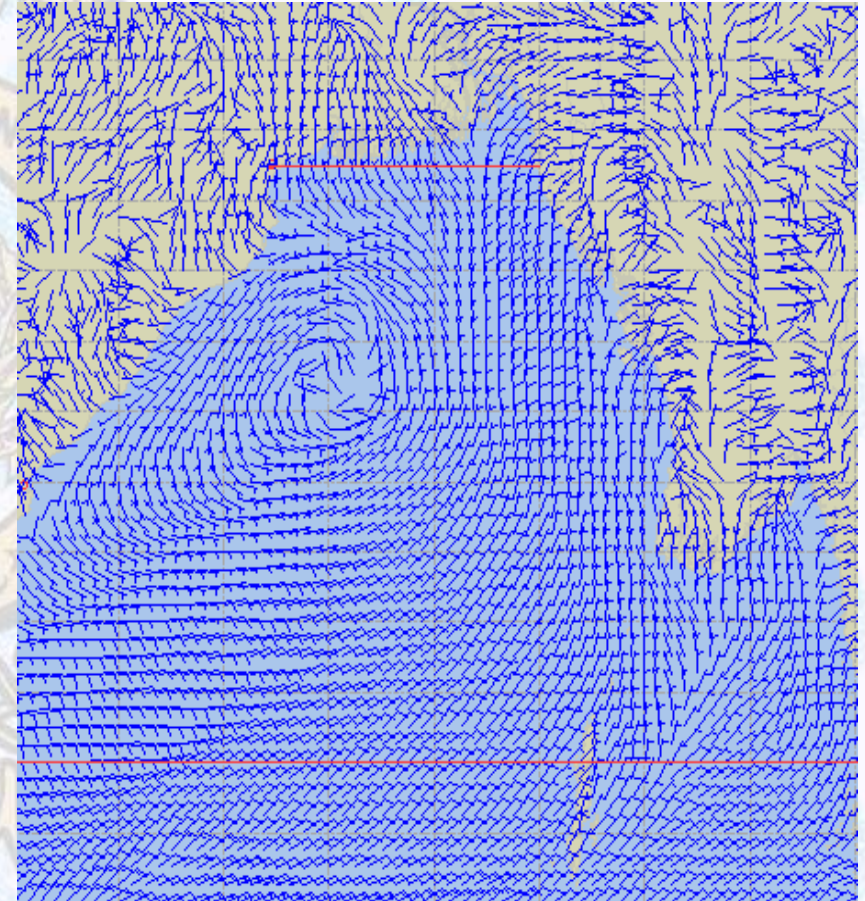
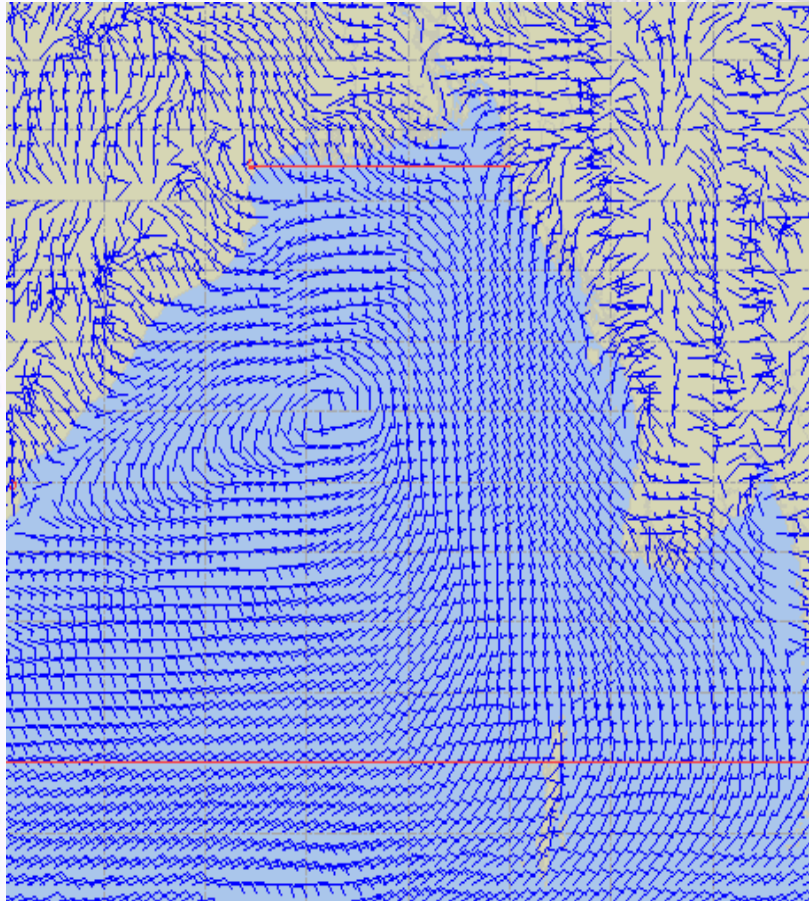
60 Knots



Surface Wind Forecast – 16 & 17 Jan - 2021

16 Jan 21 Saturday

17 Jan 21 Sunday



Legend:



Calm
Winds



5 Knots



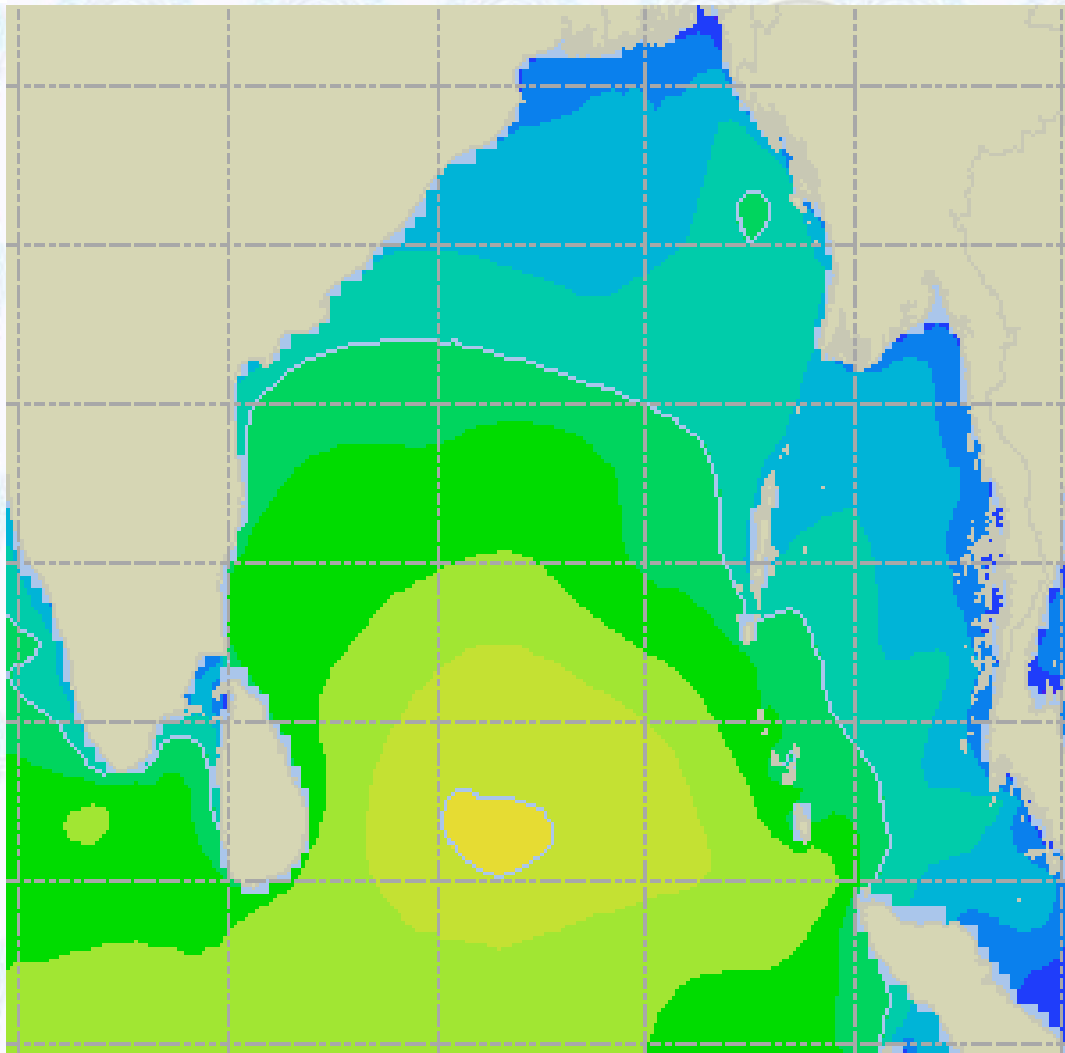
10 Knots



60 Knots



Sea State Forecast – 15 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

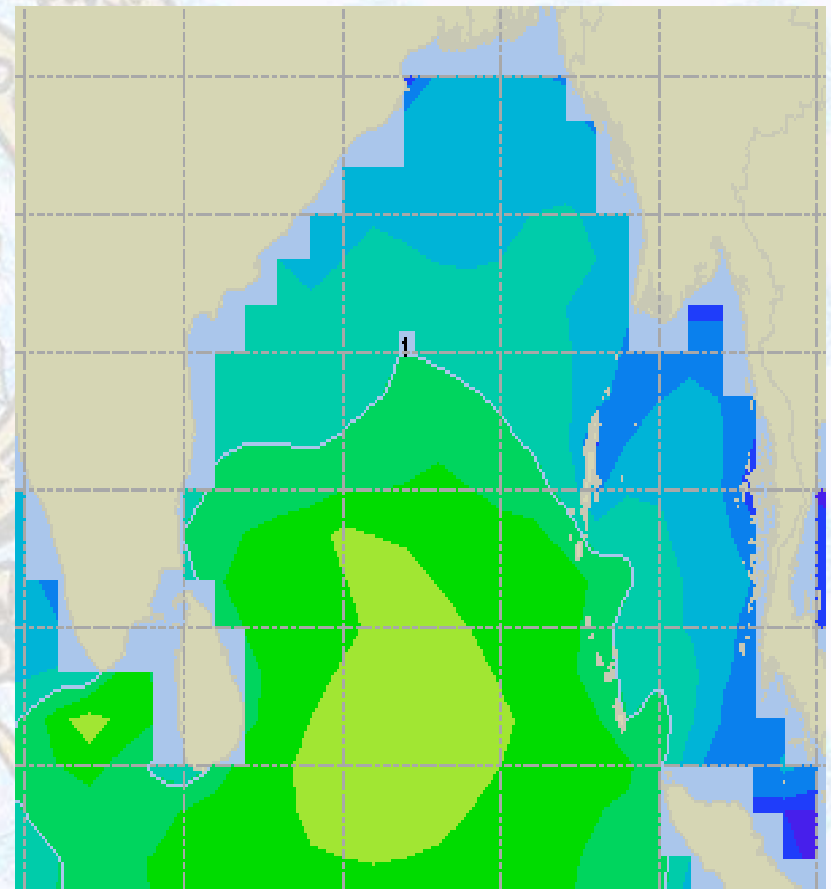
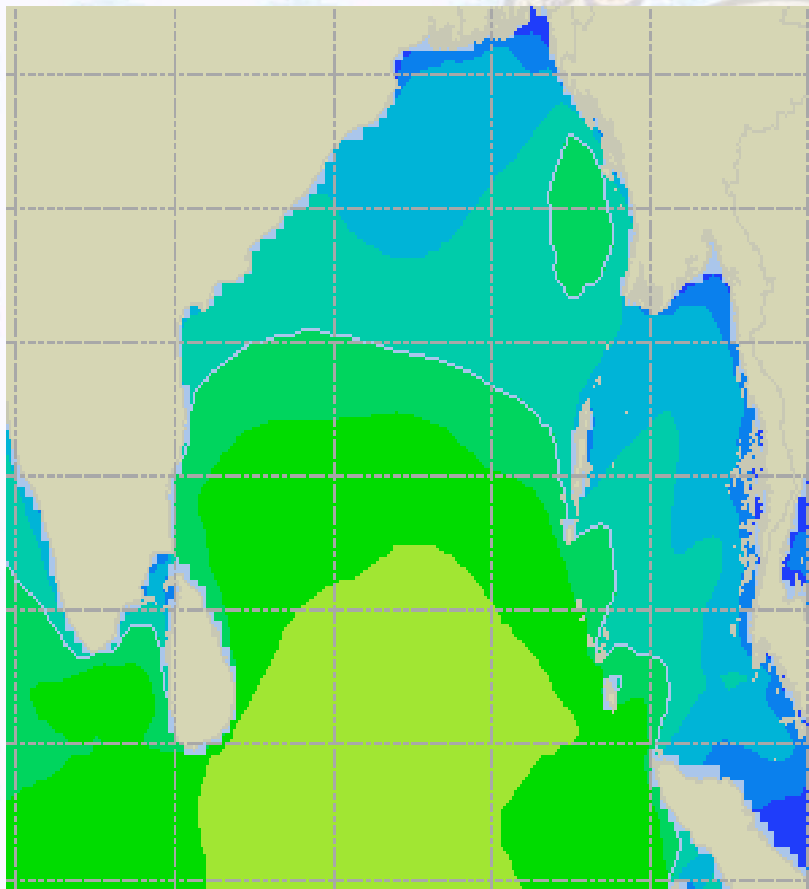




Sea State Forecast – 16 & 17 Jan - 2021

16 Jan 21 Saturday

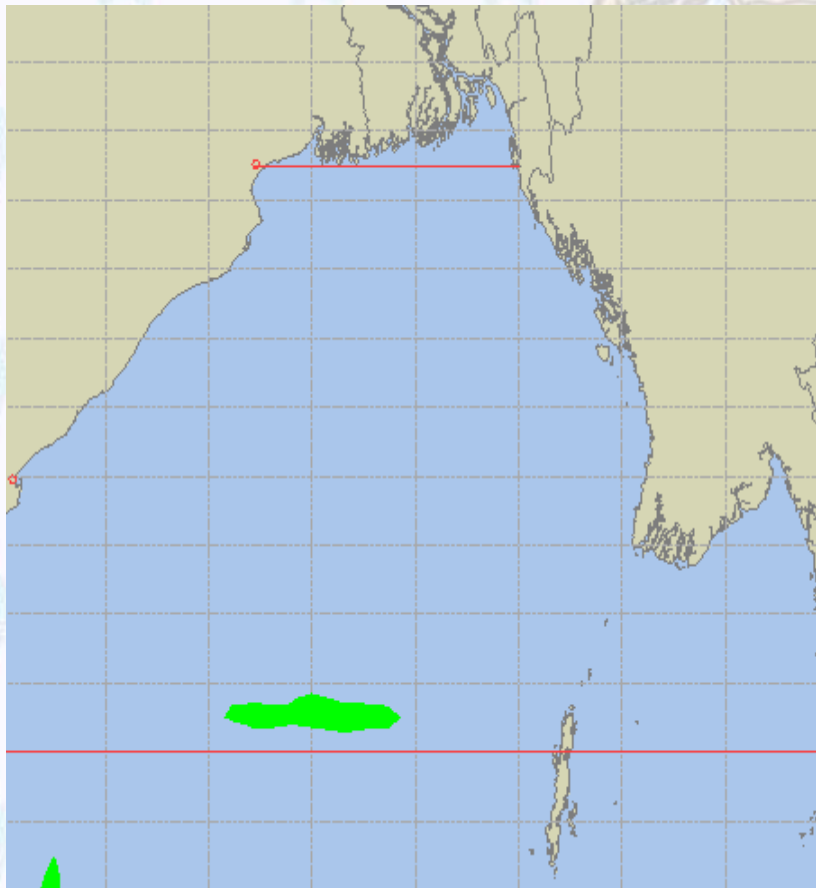
17 Jan 21 Sunday



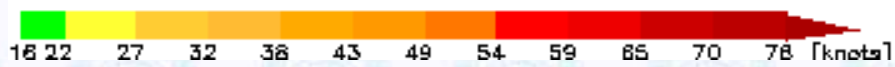
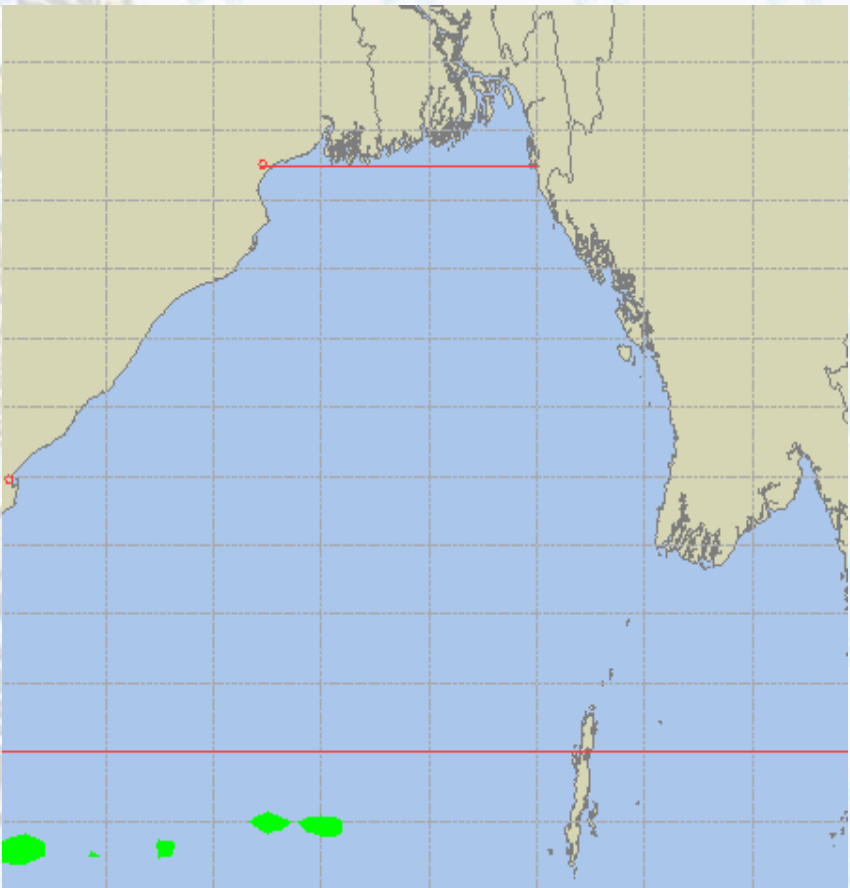


Peak Gusting Possibilities– 15 & 16 Jan 2021

15 Jan 21 Friday



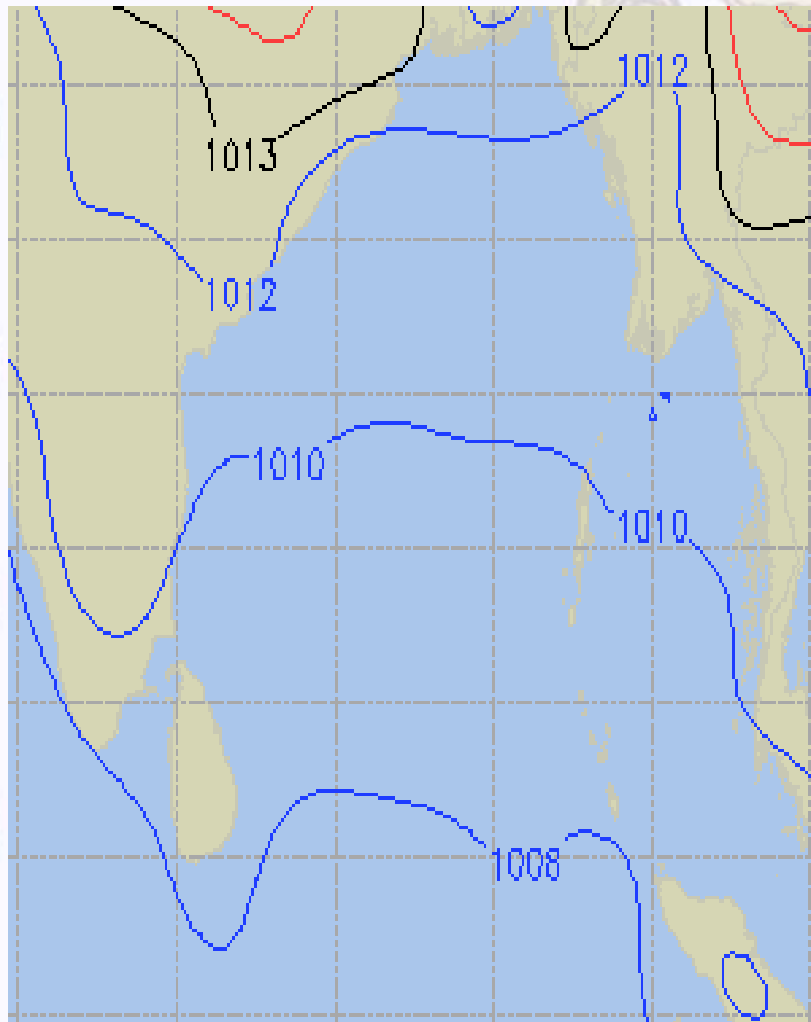
16 Jan 21 Saturday



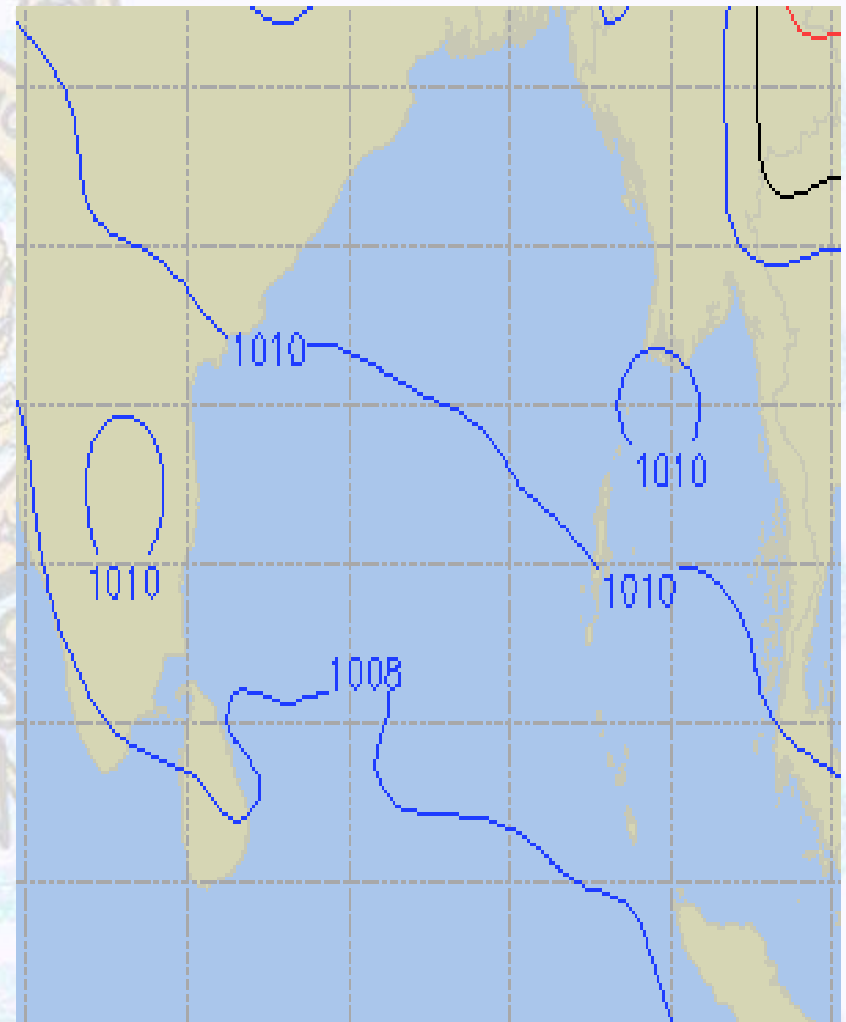


Surface Pressure forecast – 15 & 16 Jan 2021

15 Jan 21 Friday



16 Jan 21 Saturday

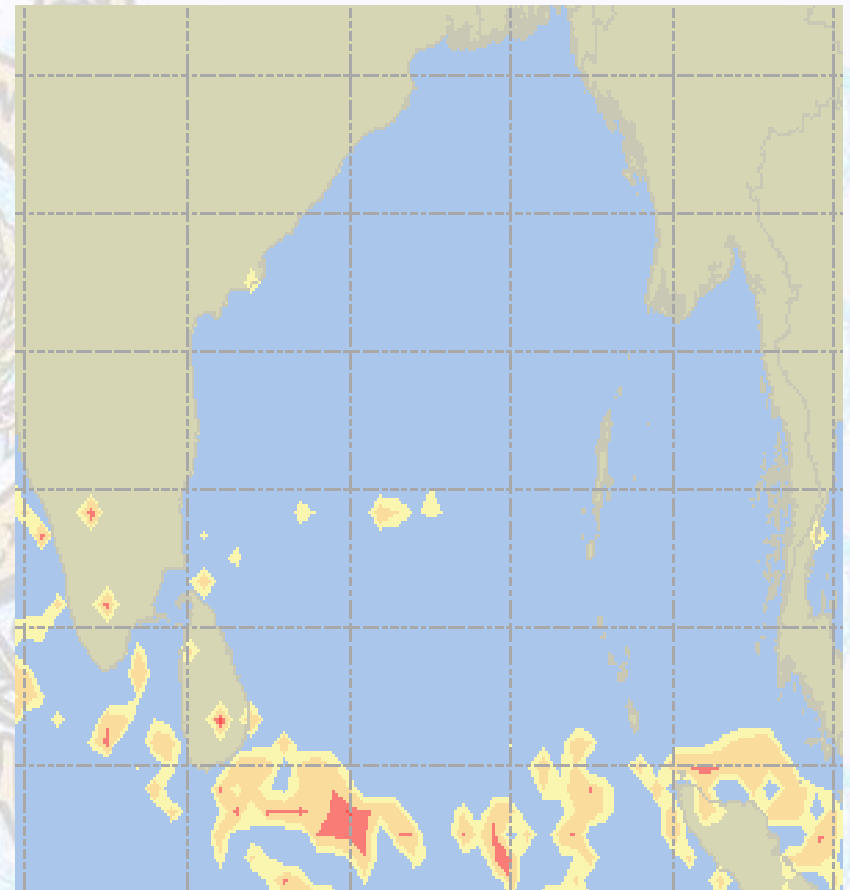
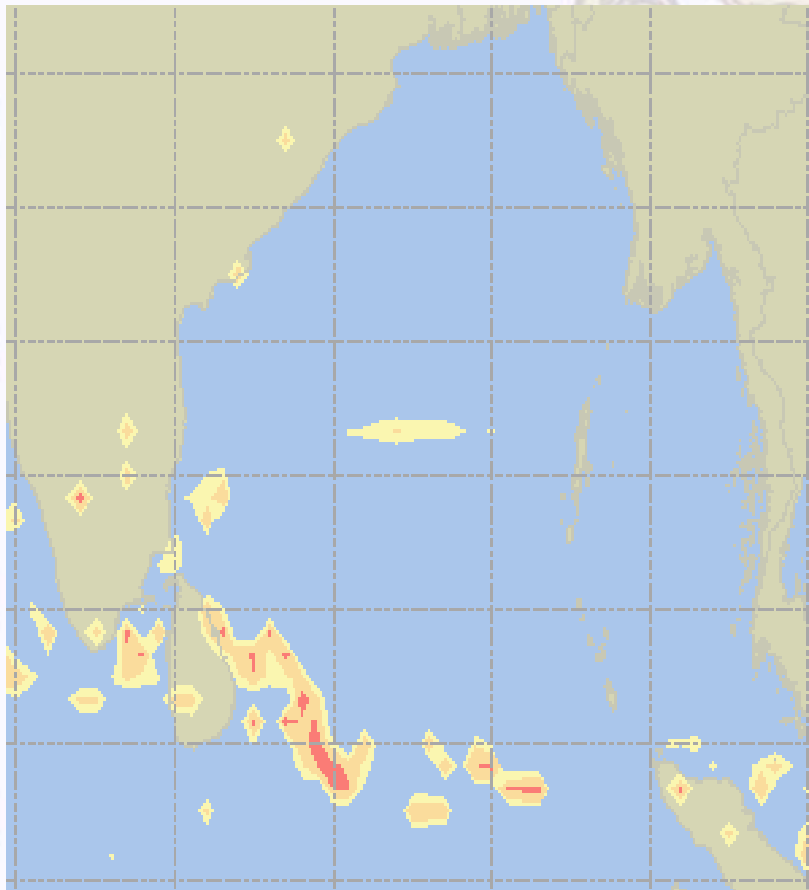




Visibility at Sea Forecast – 15 & 16 Jan 2021

15 Jan 21 Friday

16 Jan 21 Saturday



Visibility Scale:



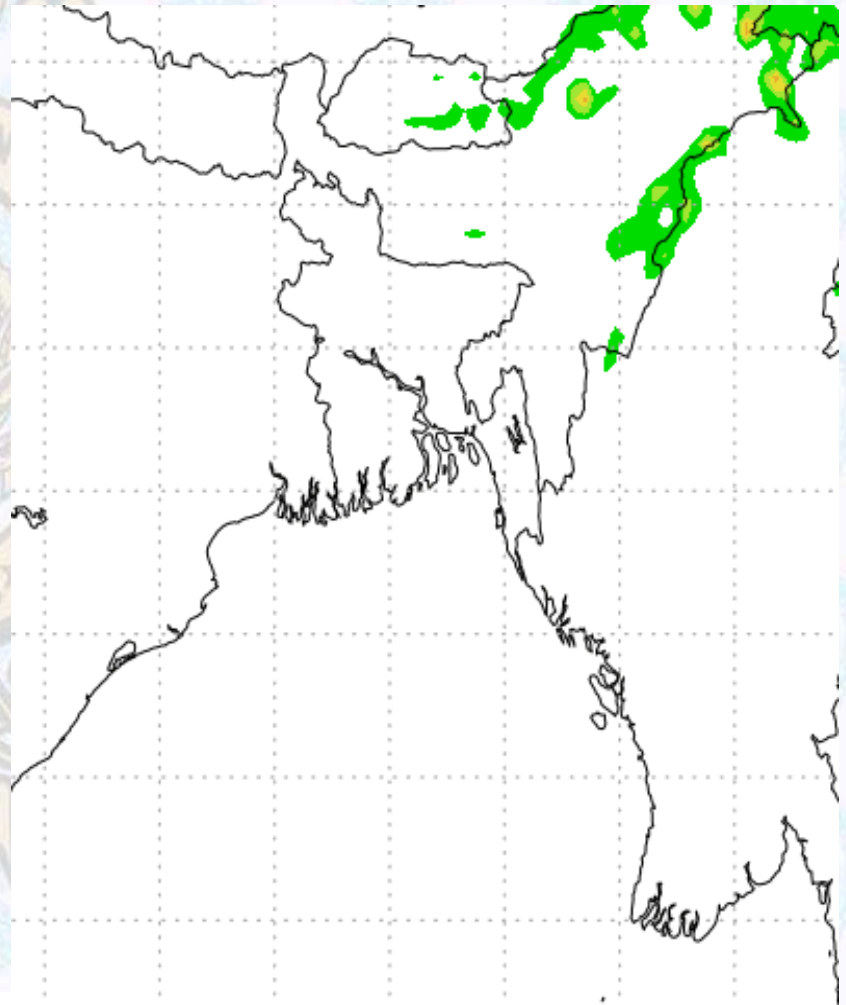
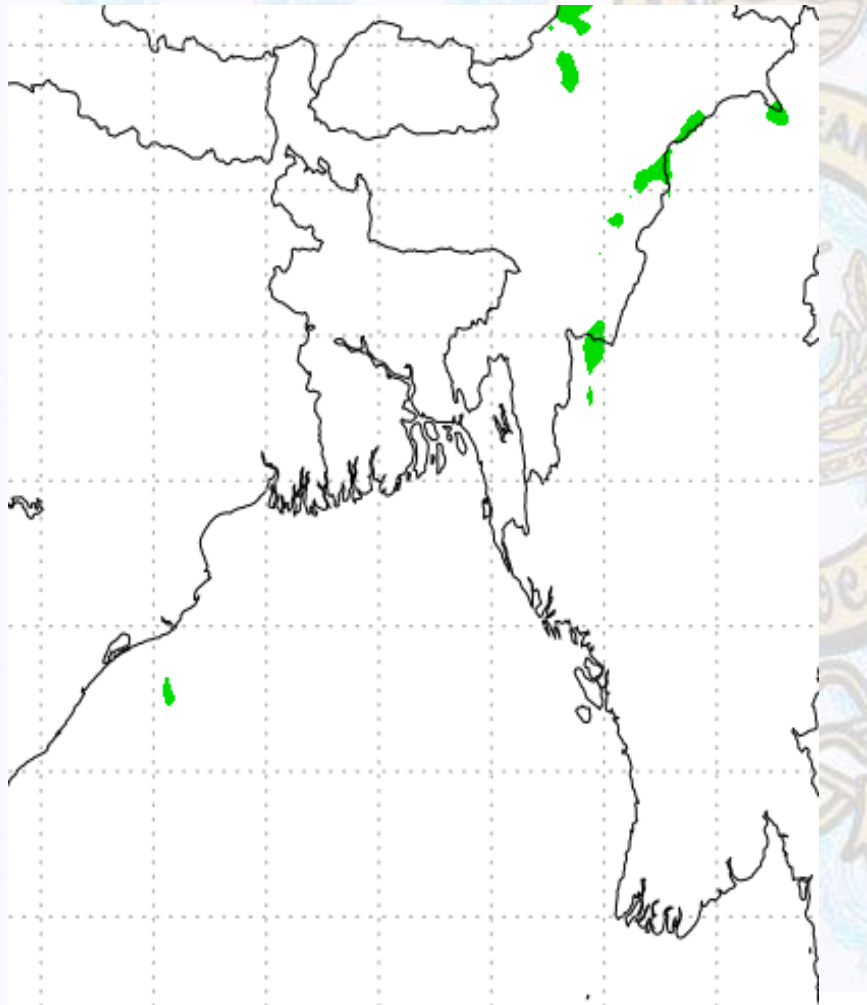
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 15 & 16 Jan 2021

Rain(mm) 16 & 17 Jan 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

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		-	-		-	-
16 Jan 2021	Time	Height		Time	Height		Time	Height
	0235	4.45		0025	3.41		0029	2.92
	0927	0.37		0705	0.39		0700	0.50
	1506	4.00		1244	2.89		1252	2.57
	2125	0.55		1911	0.42		1857	0.60
17 Jan 2021	Time	Height		Time	Height		Time	Height
	0312	4.39		0103	3.30		0101	2.84
	1002	0.39		0740	0.45		0733	0.55
	1545	3.96		1323	2.80		1326	2.53
	2203	0.65		1946	0.52		1930	0.71