



WEATHER FORECAST FOR BN

16 - 19 NOV 2020





WEATHER FORECAST – DHAKA

16.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 18	30 / 18	27 / 19	25 / 19
Wind	9 km/h W	8 km/h W	3 km/h WSW	2 km/h W
Humidity	46%	47%	63%	70%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 14 AM 17: 12 PM			

Conditions

Pressure : 1013 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

16.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 21	29 / 22	26 / 22	25 / 22
Wind	8 km/h WNW	8 km/h W	3 km/h W	1 km/h NW
Humidity	59%	67%	79%	84%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 06 AM			
Sunset	17: 08 PM			

Conditions

Pressure : 1014 hpa

Visibility : 4.02 Km

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



WEATHER FORECAST – KHULNA

16.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 19	30 / 19	25 / 19	23 / 19
Wind	8 km/h NW	7 km/h WNW	4 km/h W	3 km/h W
Humidity	47%	49%	68%	78%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 16 AM 17: 17 PM			

Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	17 Nov 2020	18 Nov 2020	19 Nov 2020
Temperature (C)	31 °C/ 21 °C	31 °C/ 20 °C	31 °C/ 20 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h15m06s/17h11m54s	6h15m42s/17h11m36s	6h16m18s/17h11m24s
Day Length	10h56m48s	10h55m54s	10h55m06s
Moon Rise/ Set	8:18 AM 7:15 PM	9:24 AM 8:15 PM	10:23 AM 9:16 PM
Moon Phase/ illu	Waxing Crescent, 9%	Waxing Crescent, 17%	Waxing Crescent, 26%
Nautical Twilight	05:22, 18:02	05:23, 18:01	05:24, 18:03
Civil Twilight	05:50, 17:37	05:51, 17:37	05:51, 17:35
Humidity	D : 59% N : 75%	D : 55% N : 72%	D : 52% N : 70%
Barometer (mb)	1012	1012	1012
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	9 Km/h WNW	9 Km/h W	7 Km/h W

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 Nov 2020	18 Nov 2020	19 Nov 2020
Temperature (C)	30 °C/ 20 °C	30 °C/ 20 °C	30 °C/ 20 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h06m54s/17h08m42s	6h07m30s/17h08m24s	6h08m00s/17h08m12s
Day Length	11h01m48s	11h00m54s	11h00m12s
Moon Rise/ Set	8:09 AM 7:13 PM	9:14 AM 8:12 PM	10:14 AM 9:13 PM
Moon Phase/ illu	Waxing Crescent, 9%	Waxing Crescent, 17%	Waxing Crescent, 26%
NauticalTwilight	05:15 17:58	05:15 17:57	05:16 17:59
Civil Twilight	05:43, 17:31	05:44, 17:31	05:43, 17:32
Humidity	D : 70% N : 88%	D : 66% N : 86%	D : 64% N : 84%
Barometer (mb)	1012	1012	1012
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	6 Km/h NW	6 Km/h NNW	7 Km/h NNW

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



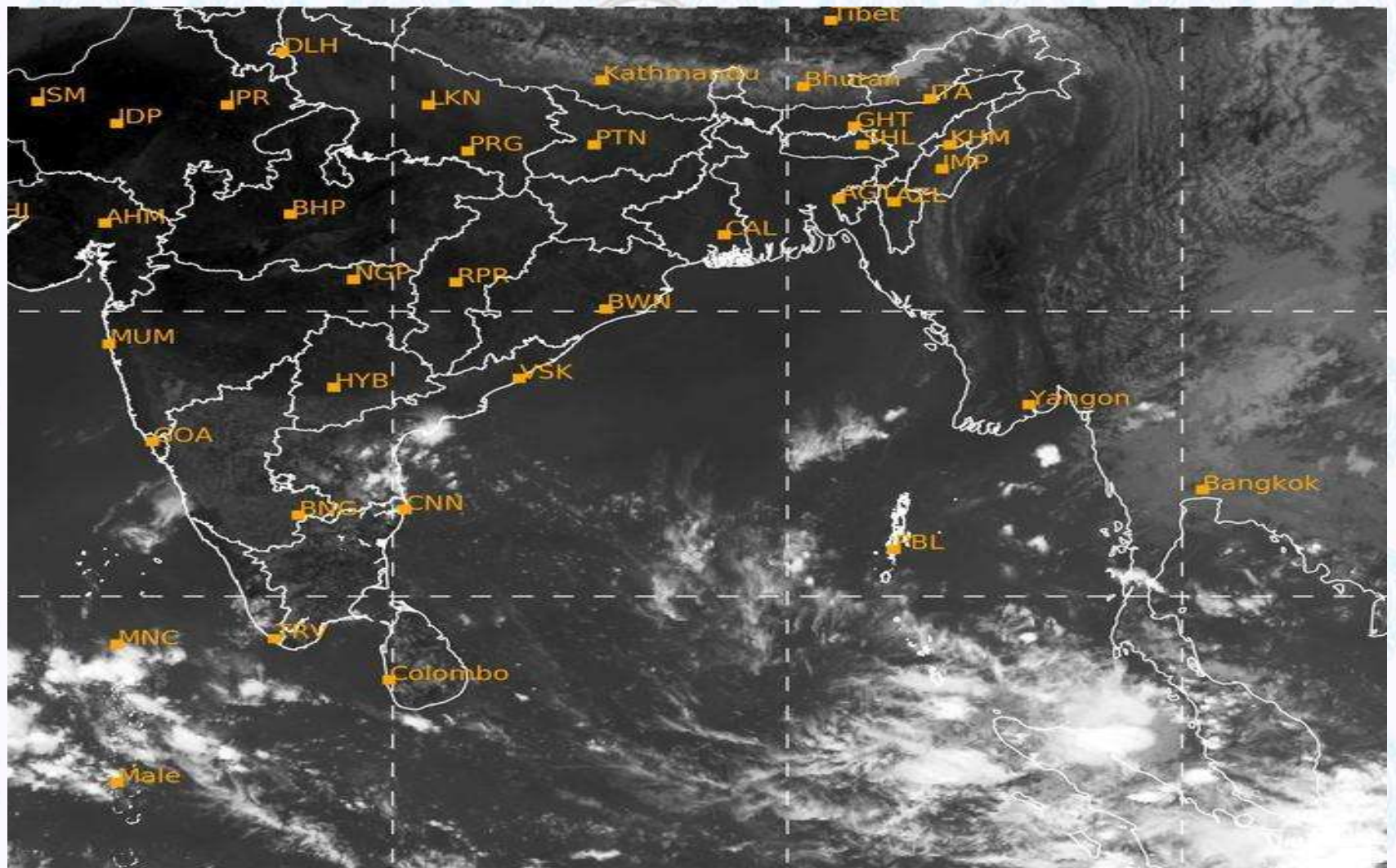
GENERAL WEATHER FORECAST – KHULNA

Description	17 Nov 2020	18 Nov 2020	19 Nov 2020
Temperature(C)	32°C/ 20°C	31°C/ 20°C	31°C/ 20°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h16m54s/17h16m54s	6h17m30s/17h16m36s	6h18m00s/17h16m24s
Day Length	11h00m00s	11h59m06s	10h58m24s
Moon Rise/Set	8:20 AM 7:21 PM	9:25 AM 8:20 PM	10:24 AM 9:22 PM
Moon Phase/illu	Waxing Crescent, 9%	Waxing Crescent, 17%	Waxing Crescent, 26%
Nautical Twilight	05:25, 18:07	05:25, 18:06	05:26, 18:07
Civil Twilight	05:52, 17:40	05:53, 17:40	05:53, 17:40
Humidity	D : 55% N : 74%	D : 53% N : 71%	D : 52% N : 72%
Barometer (mb)	1013	1012	1012
Visibility	Good	Good	Good
Precip Chance	10%	10%	1%
Wind (mph)	10 km/h WNW	9 km/h WNW	7 km/h WNW

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



SATELLITE VIEW OF BAY OF BENGAL

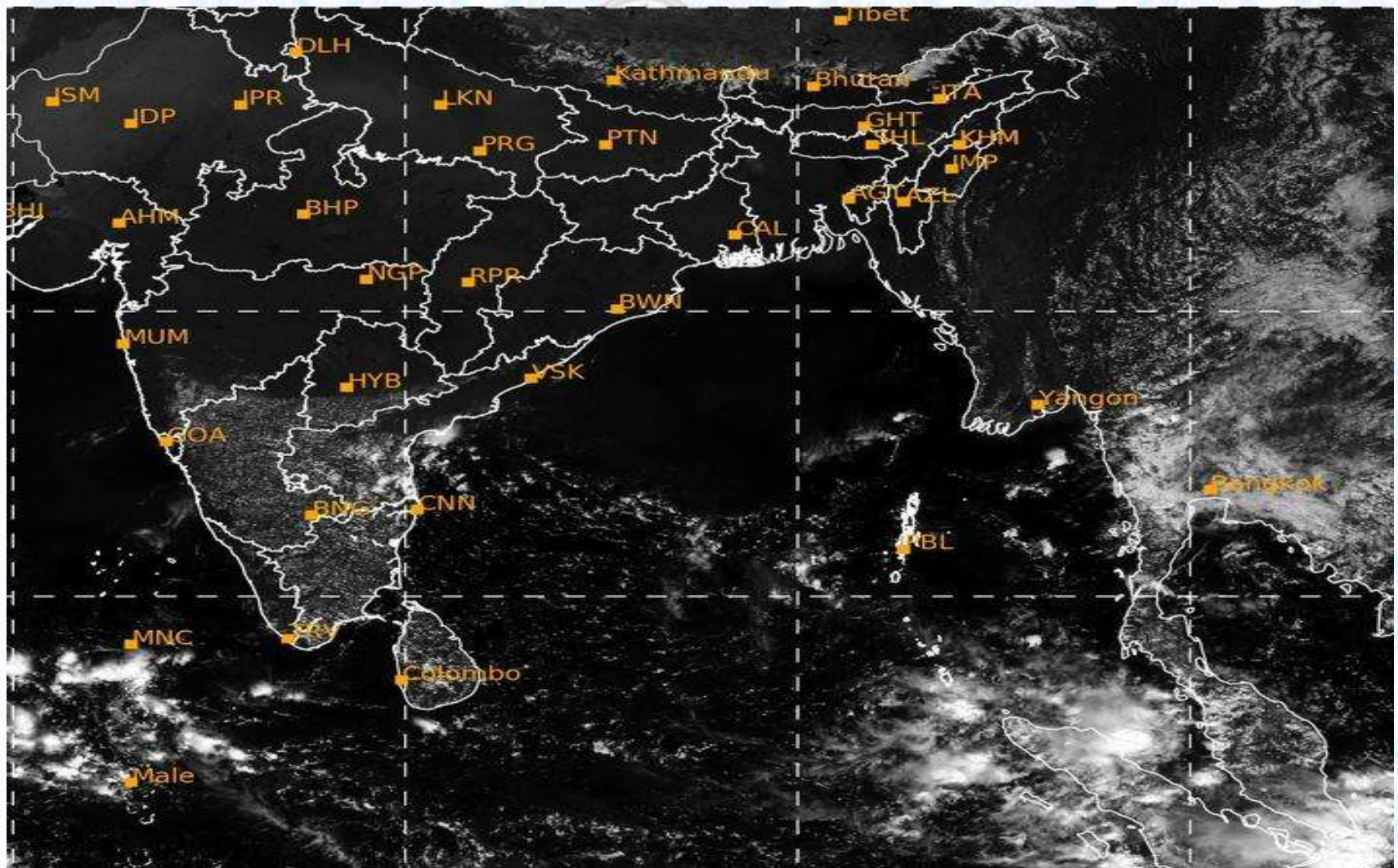


16/11/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



16/11/2020, 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 16.11.2020)

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/NORTH-EASTERLY, 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 = 16,0000 UTC. CHATTOGRAM =1014 HPA



Inland River Port Warning (VALID TILL 06 PM OF 16.11.2020)

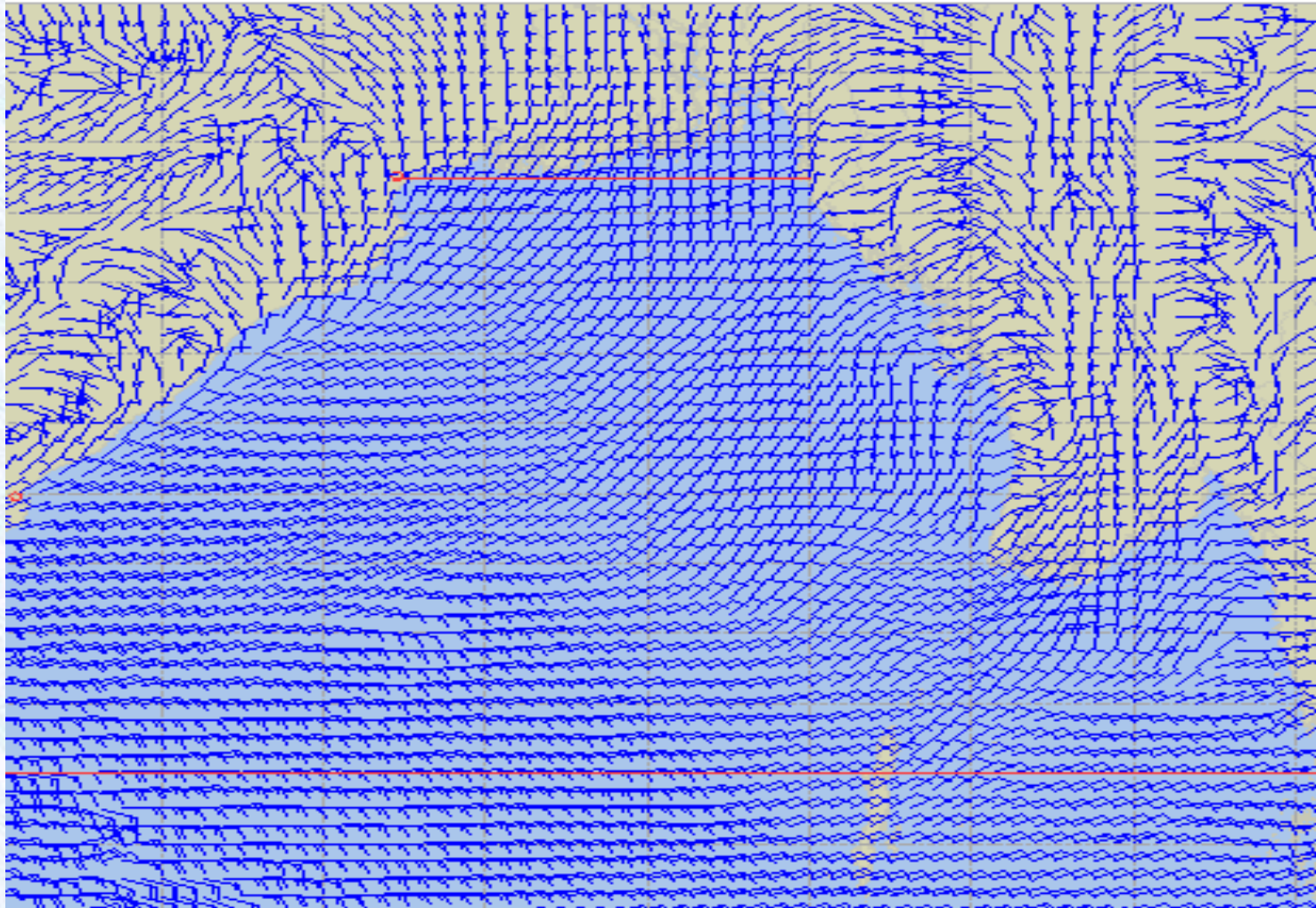
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 17 Nov - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



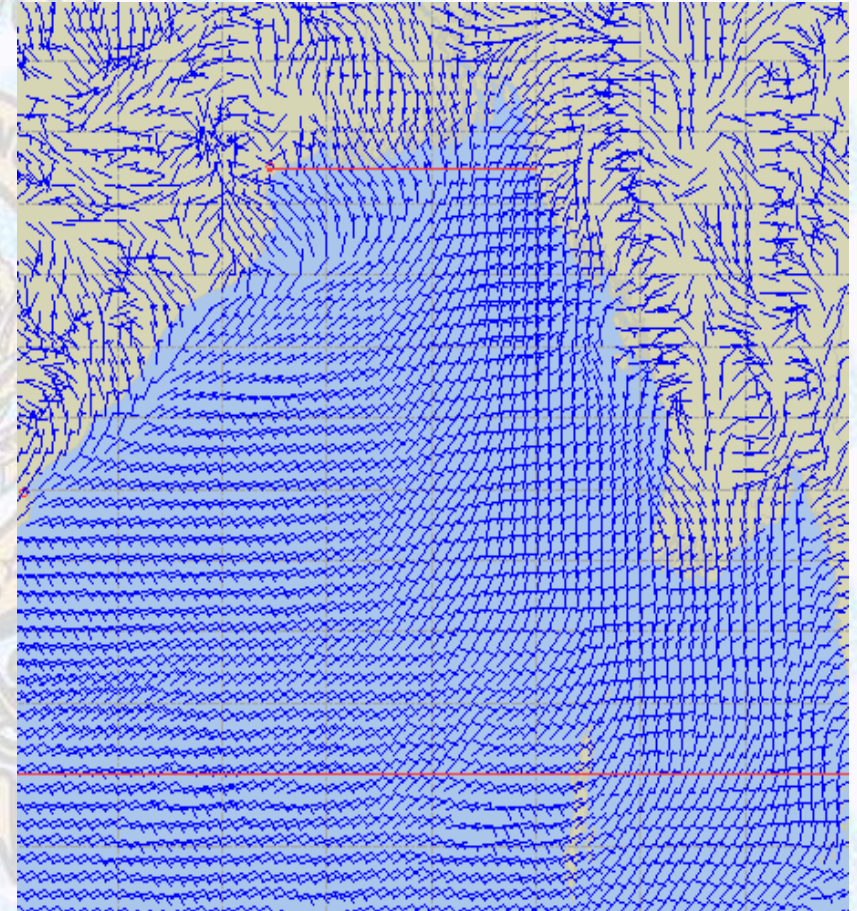
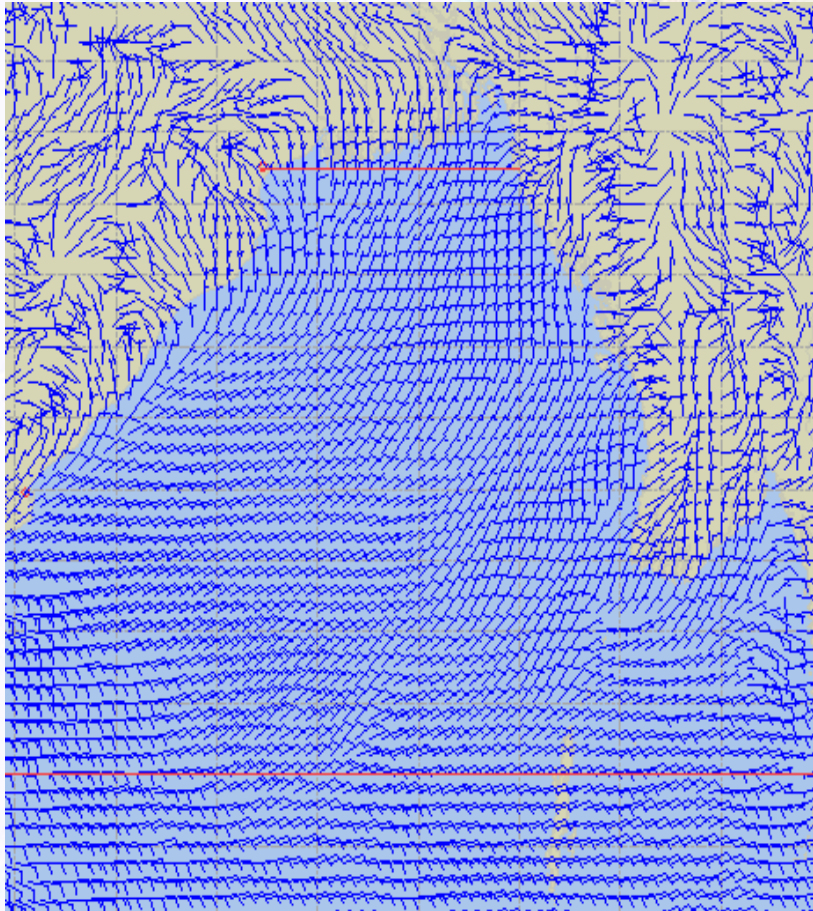
60 Knots



Surface Wind Forecast – 18 & 19 Nov- 2020

18 Nov 20 Wednesday

19 Nov 20 Thursday



Legend:



Calm
Winds



5 Knots



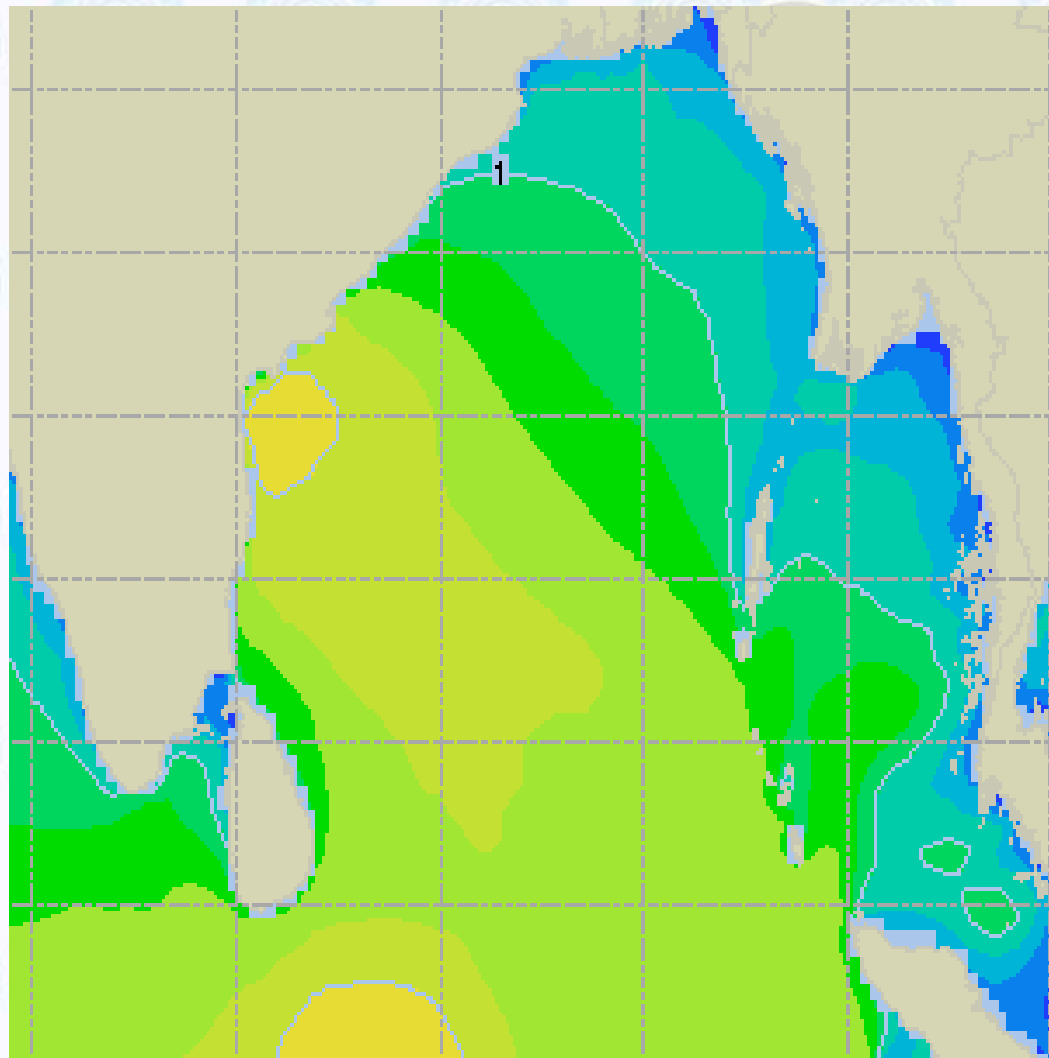
10 Knots



60 Knots



Sea State Forecast – 17 Nov- 2020



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

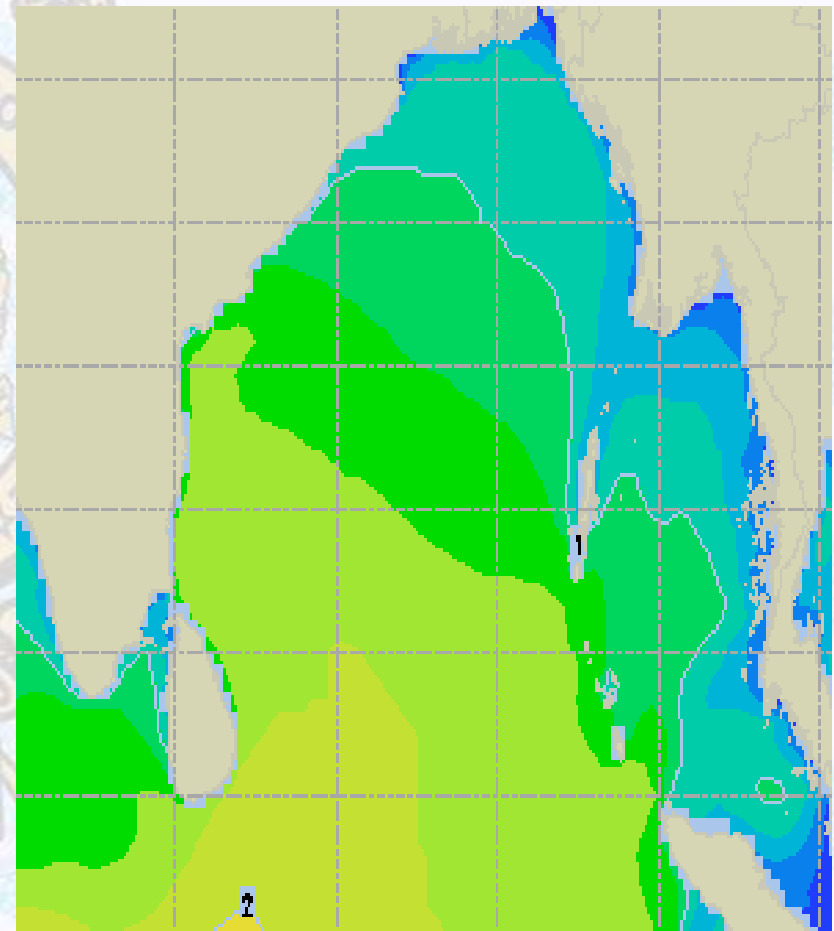
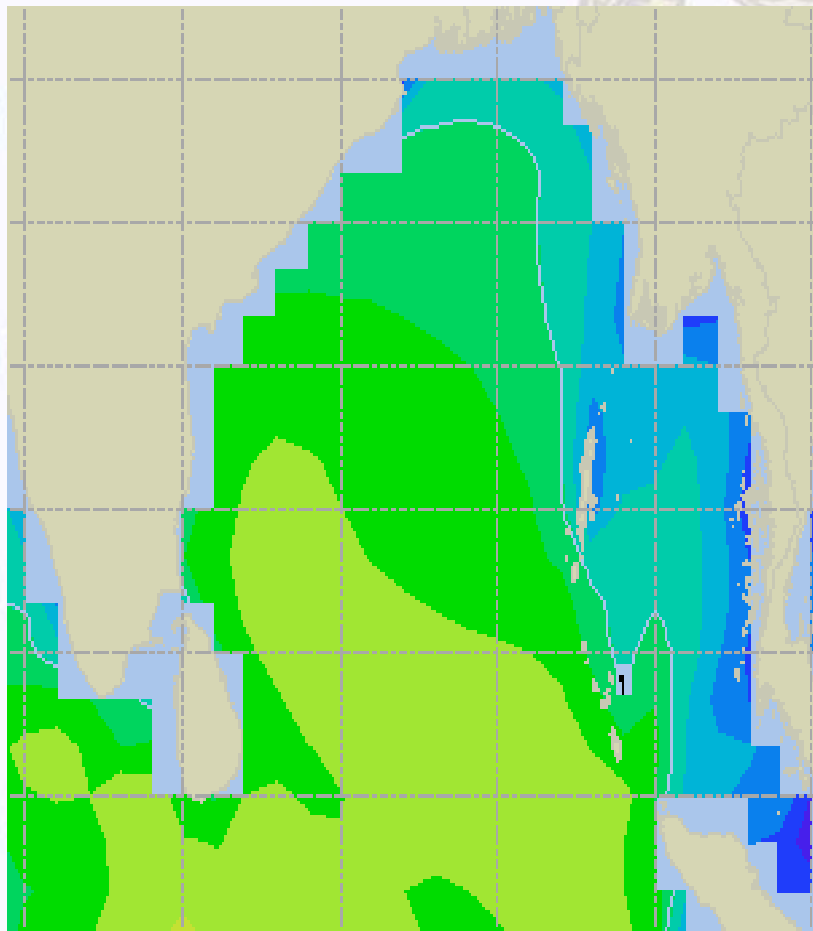




Sea State Forecast – 18 & 19 Nov- 2020

18 Nov 20 Wednesday

19 Nov 20 Thursday

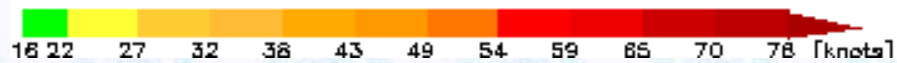
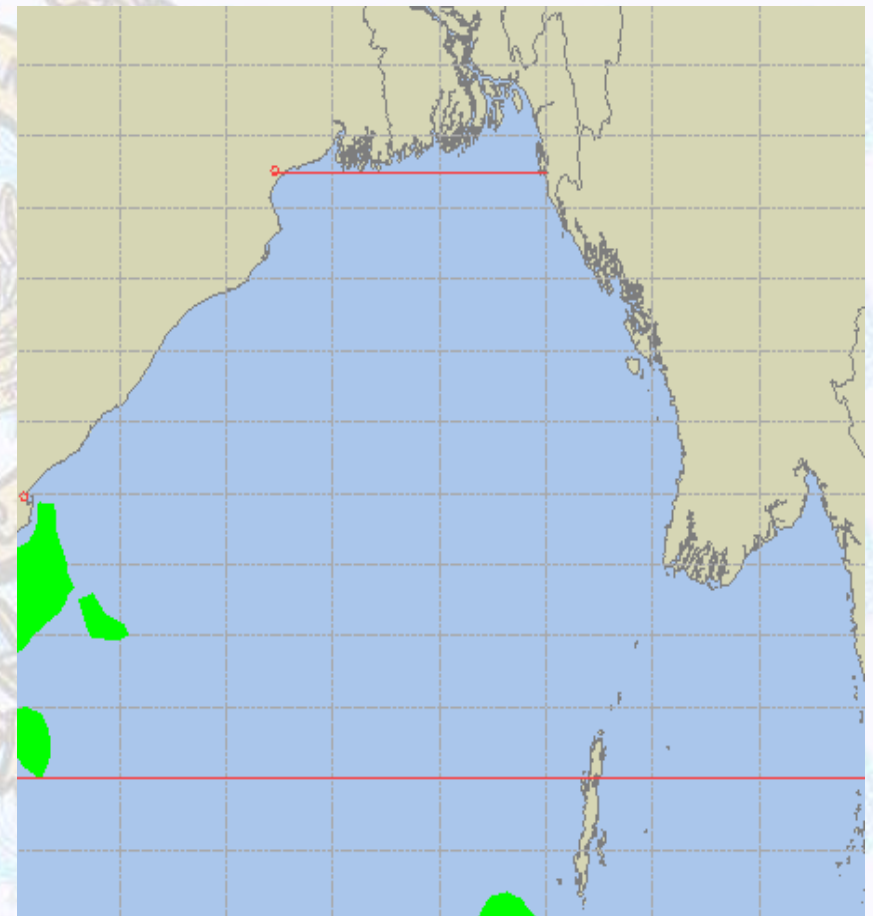
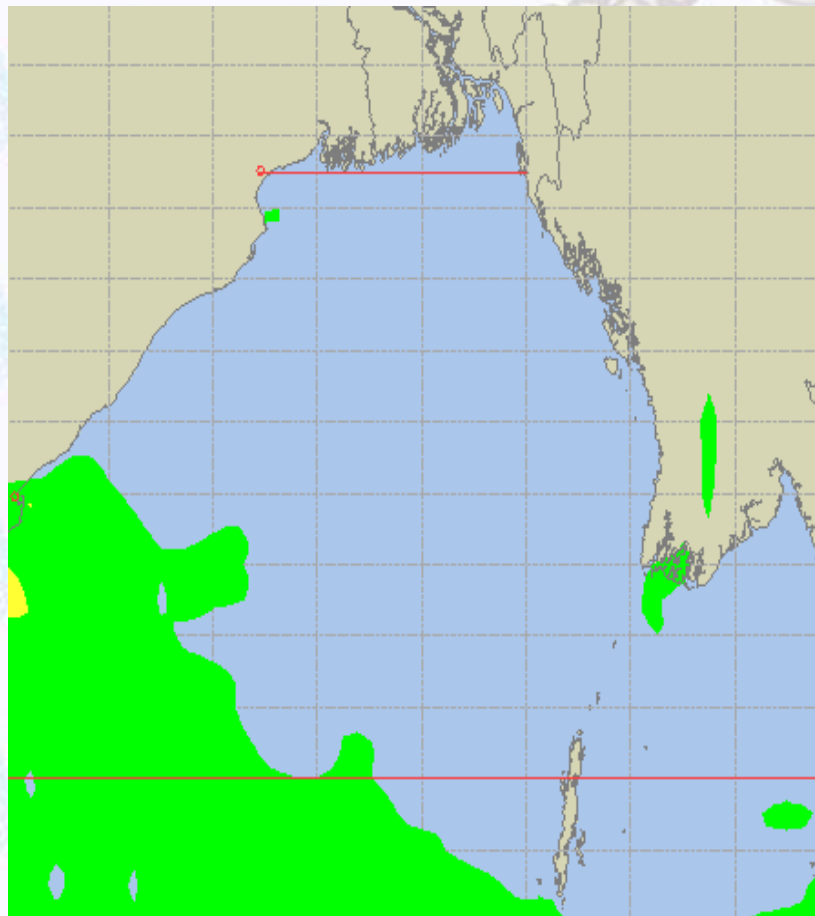




Peak Gusting Possibilities— 17 & 18 Nov 2020

17 Nov 20 Tuesday

18 Nov 20 Wednesday

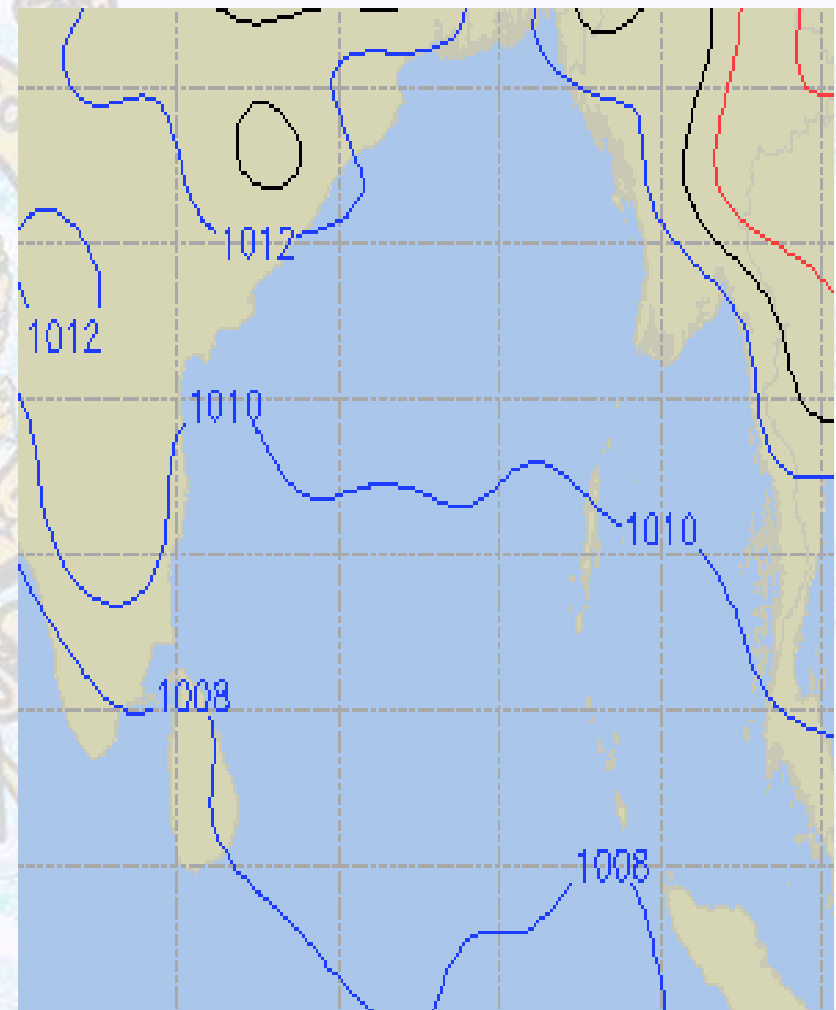
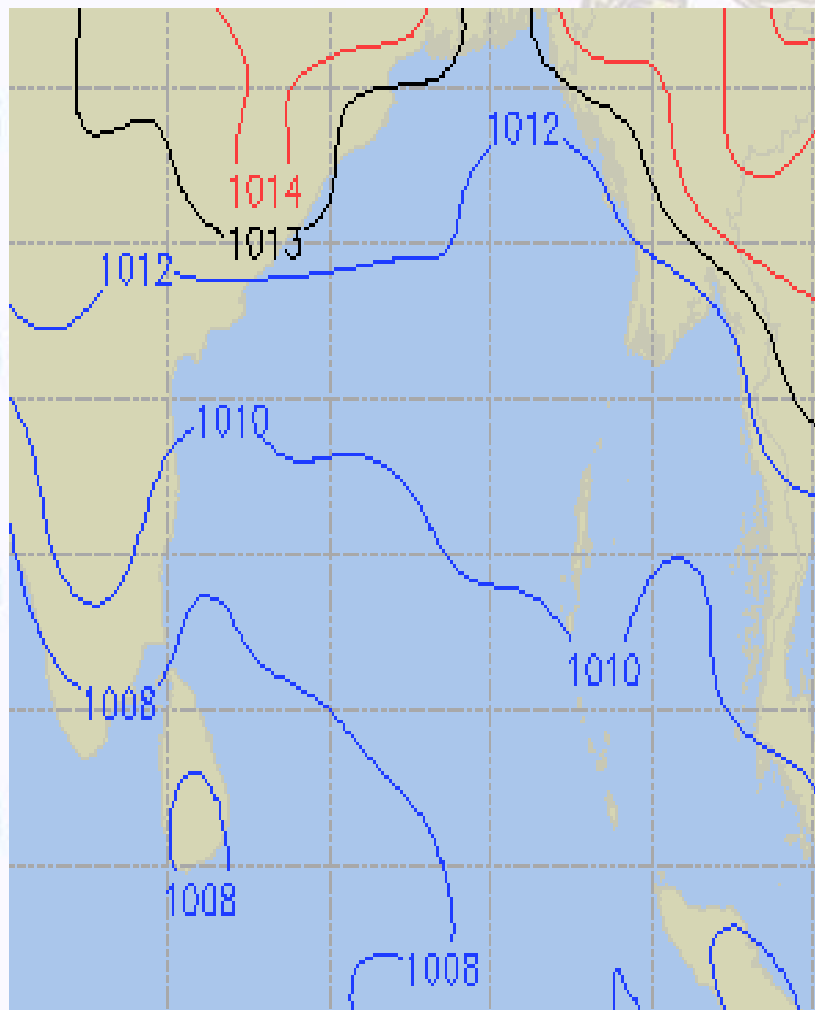




Surface Pressure forecast– 17 & 18 Nov 2020

17 Nov 20 Tuesday

18 Nov 20 Wednesday

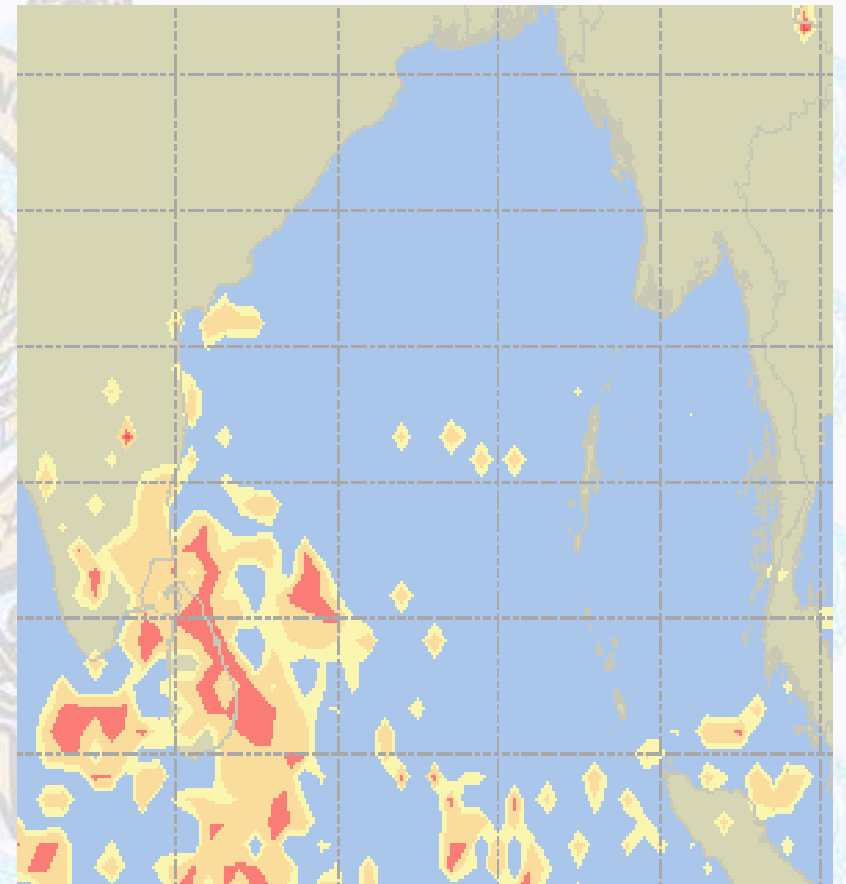
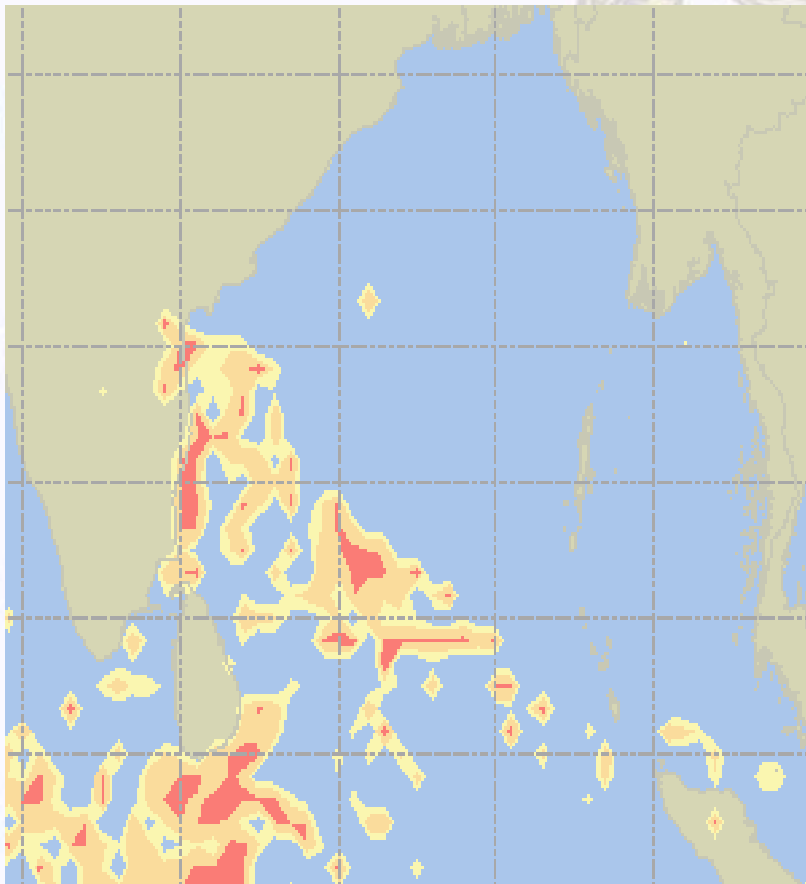




Visibility at Sea Forecast – 17 & 18 Nov 2020

17 Nov 20 Tuesday

18 Nov 20 Wednesday



Visibility Scale:



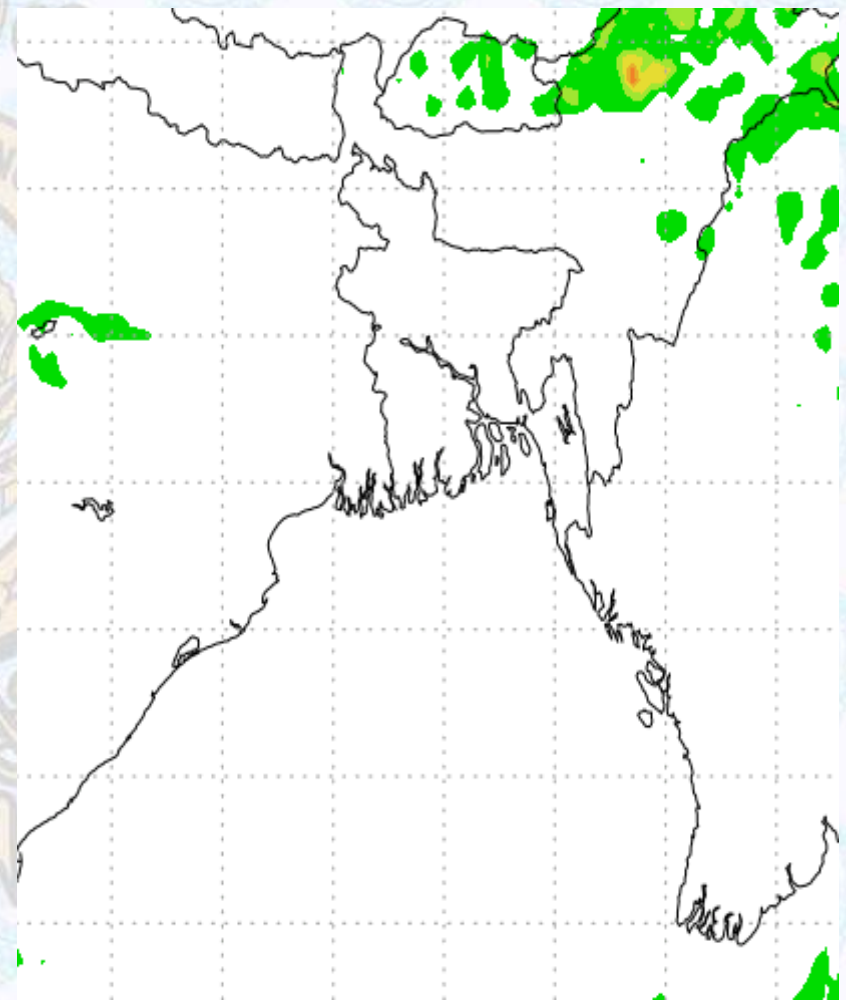
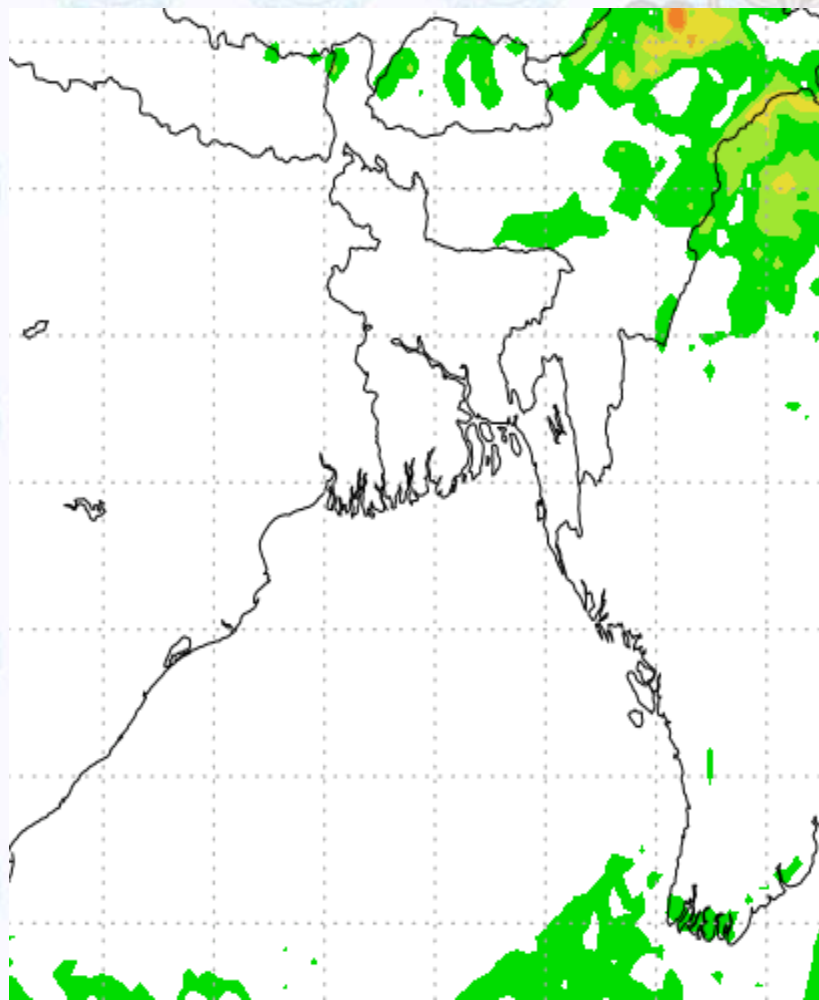
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 17 & 18 Nov 2020

Rain(mm) 18 & 19 Nov 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0145		5.09			0615	0.51
17 Nov 2020	0830	0.34		1146	3.37		1146	2.94
	1411	4.59		1827	0.50		1759	0.59
	2037	1.39		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0227		4.97			0011	3.72
18 Nov 2020	0913	0.43		0657	0.58		0640	0.76
	1456	4.43		1231	3.20		1229	2.81
	2117	0.56		1908	0.62		1839	0.75
	Time	Height		Time	Height		Time	Height
		0312		4.79			0050	3.11
19 Nov 2020	0958	0.57		0725	0.90		0740	0.70
	1545	4.22		1314	2.66		1318	2.99
	2201	0.80		1921	0.94		1951	0.78