



# **WEATHER FORECAST FOR BN**

***28 NOV - 01 DEC 2020***





# WEATHER FORECAST – DHAKA

## 28.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 17	28 / 17	22 / 18	22 / 17
Wind	10 km/h NNW	11 km/h NNW	3 km/h NW	5 km/h NW
Humidity	51%	54%	63%	75%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	18%	13%	5%	5%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 22 AM 17: 10 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 8.05 km

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



# WEATHER FORECAST – CHATTOGRAM

## 28.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 19	27 / 20	24 / 20	22 / 19
Wind	7 km/h NW	7 km/h NW	7 km/h NNW	4 km/h NNE
Humidity	60%	62%	72%	84%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	25%	17%	3%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 14 AM			
Sunset	17: 07 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 8.02 Km

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



# WEATHER FORECAST – KHULNA

## 28.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 17	27 / 17	23 / 17	21 / 18
Wind	11 km/h NNW	11 km/h NNW	5 km/h NNW	6 km/h NW
Humidity	50%	52%	63%	76%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	8%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 24 AM 17: 15 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	29 Nov 2020	30 Nov 2020	01 Dec 2020
<b>Temperature (C)</b>	30 °C / 18 °C	29 °C / 18 °C	29 °C / 18 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h23m12s/17h10m30s	6h23m48s/17h10m36s	6h24m24s/17h10m48s
<b>Day Length</b>	10h47m18s	10h47m18s	10h46m24s
<b>Moon Rise/ Set</b>	4:33PM 5:12AM	5:13PM 6:05AM	5:57PM 7:00AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 98%	Full Moon, 99%	Full Moon, 99%
<b>Nautical Twilight</b>	05:30, 18:02	05:30, 18:02	05:31, 18:01
<b>Civil Twilight</b>	05:58, 17:35	05:58, 17:35	05:57, 17:36
<b>Humidity</b>	D : 60%    N : 76%	D : 63%    N : 77%	D : 61%    N : 76%
<b>Barometer (mb)</b>	1015	1015	1016
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	8 Km/h NNW	6 Km/h WNW	8 Km/h WNW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	29 Nov 2020	30 Nov 2020	01 Dec 2020
<b>Temperature (C)</b>	30 °C/ 18 °C	30 °C/ 18 °C	30 °C/ 18 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h14m36s/17h07m36s	6h15m12s/17h07m48s	6h15m42s/17h08m00s
<b>Day Length</b>	10h53m00s	10h52m36s	10h52m18s
<b>Moon Rise/ Set</b>	4:30PM 5:04AM	5:13PM 6:05AM	5:54PM 6:51AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 98%	Full Moon, 99%	Full Moon, 99%
<b>Nautical Twilight</b>	05:22 17:59	05:22 17:59	05:23 17:58
<b>Civil Twilight</b>	05:50, 17:31	05:50, 17:31	05:49, 17:32
<b>Humidity</b>	D : 73% N : 89%	D : 73% N : 89%	D : 71% N : 79%
<b>Barometer (mb)</b>	1015	1015	1016
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	7 Km/h NNW	6 Km/h NNW	8 Km/h NNW

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



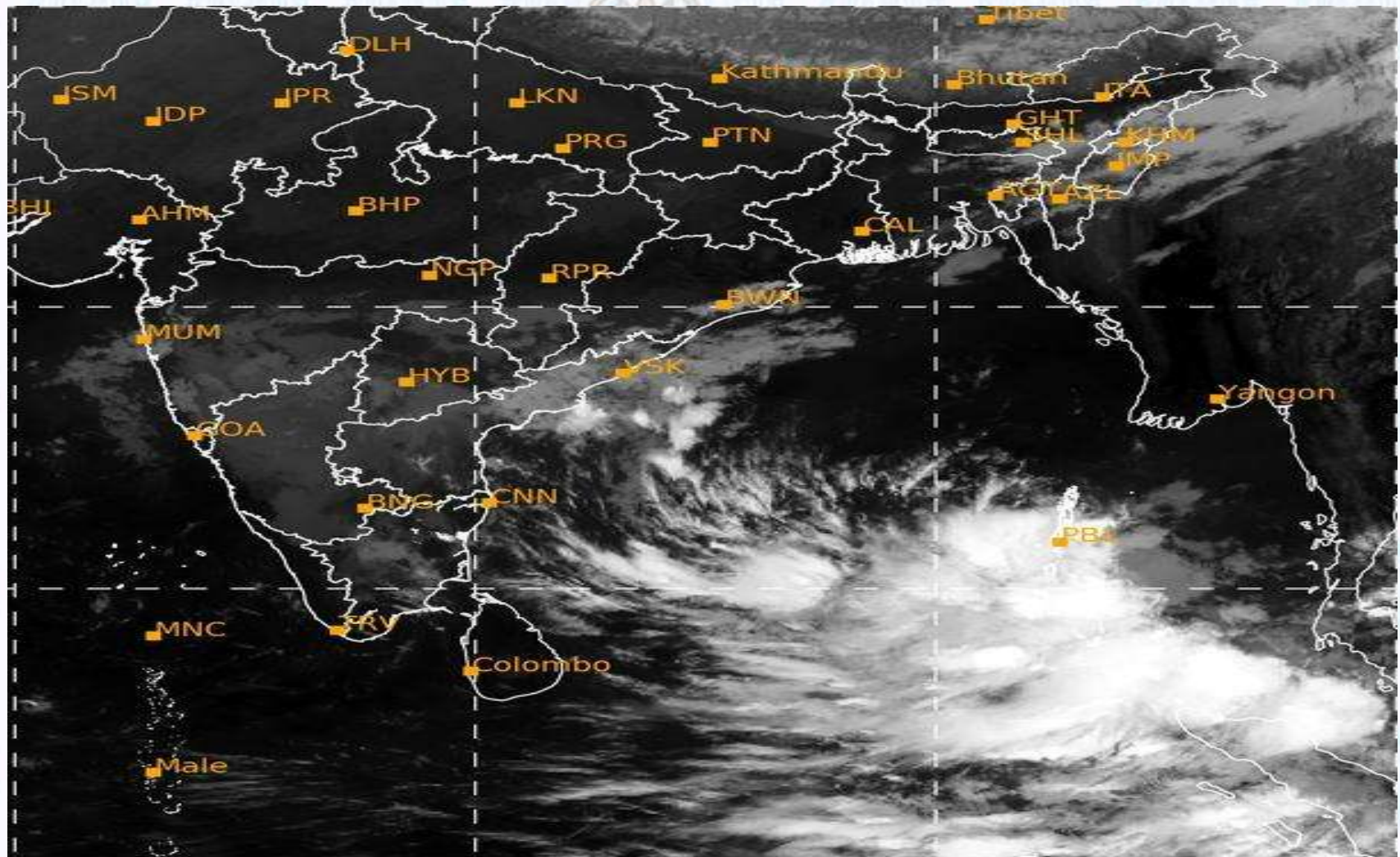
# GENERAL WEATHER FORECAST – KHULNA

Description	29 Nov 2020	30 Nov 2020	01 Dec 2020
<b>Temperature(C)</b>	30°C/ 17°C	29°C/ 17°C	29°C/ 17°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h24m42s/17h15m48s	6h25m18s/17h15m54s	6h25m54s/17h16m12s
<b>Day Length</b>	10h51m06s	10h50m36s	10h50m18s
<b>Moon Rise/Set</b>	4:38PM 5:14AM	5:13PM 6:05AM	6:05PM 7:01AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 95%	Full Moon, 99%	Full Moon, 99%
<b>NauticalTwilight</b>	05:32, 18:07	05:32, 18:07	05:33, 18:06
<b>Civil Twilight</b>	06:00, 17:40	06:00, 17:40	05:59, 17:42
<b>Humidity</b>	D : 59%    N : 76%	D : 59%    N : 76%	D : 68%    N : 72%
<b>Barometer (mb)</b>	1015	1015	1016
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	12 km/h NNW	9 km/h NW	10 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



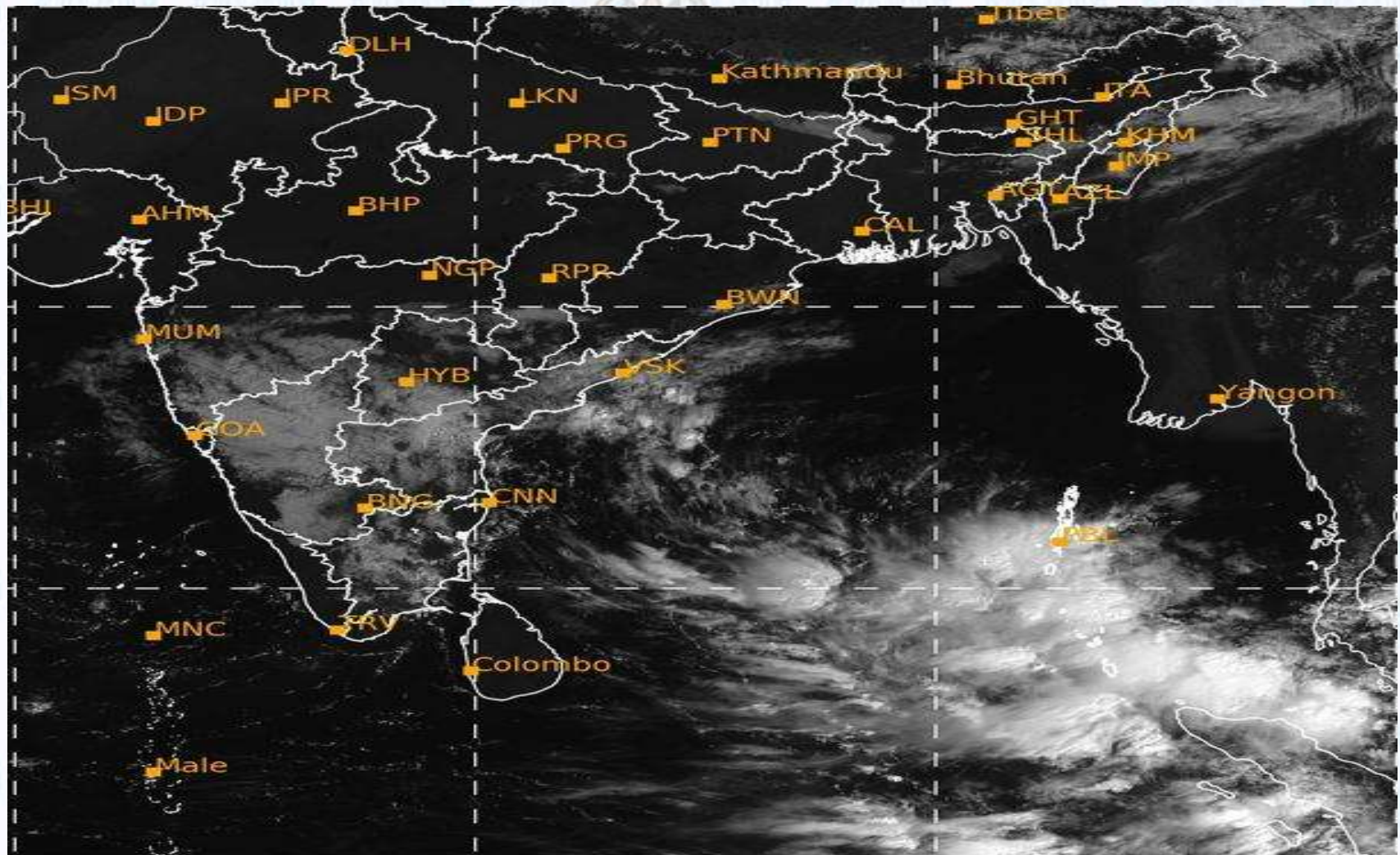
28/11/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



28/11/2020, 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 28.11.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS 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 = 28,0000 UTC. CHATTOGRAM =1016 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 28.11.2020)

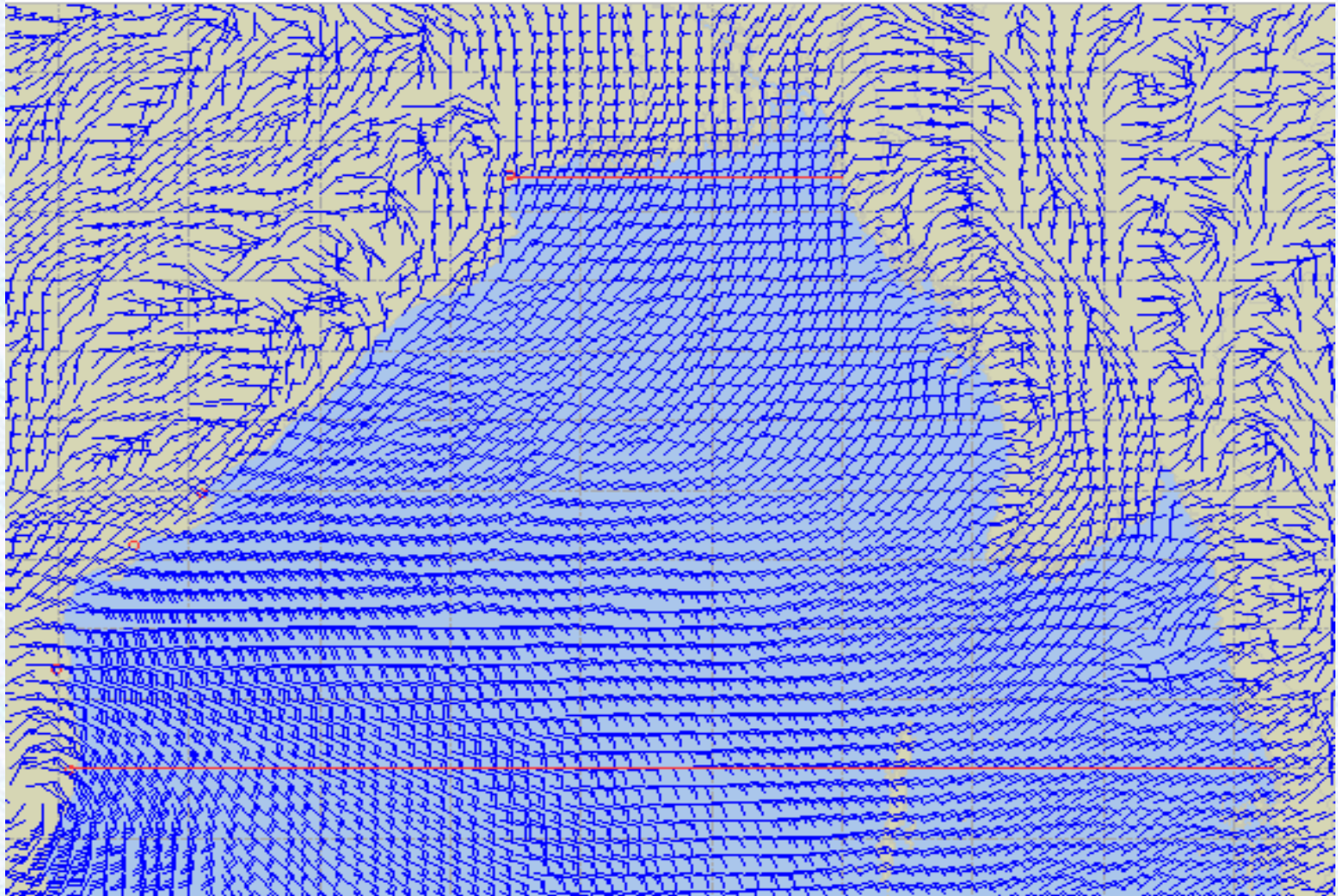
THERE IS NO INLAND RIVERPORT WARNING & NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 29 Nov - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



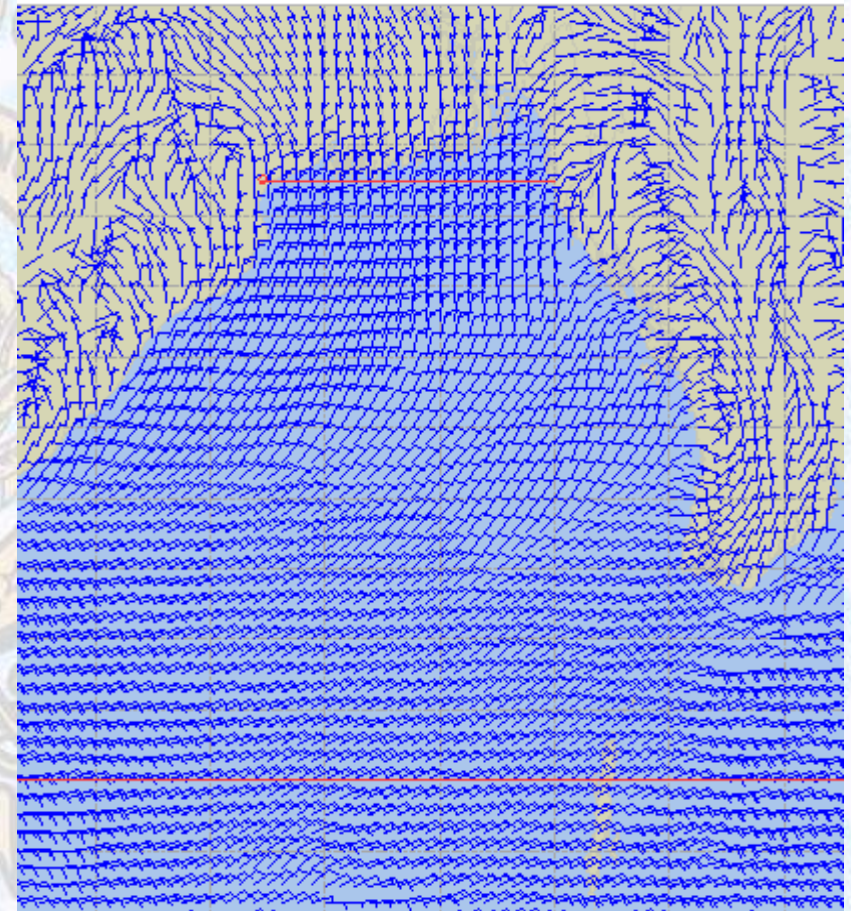
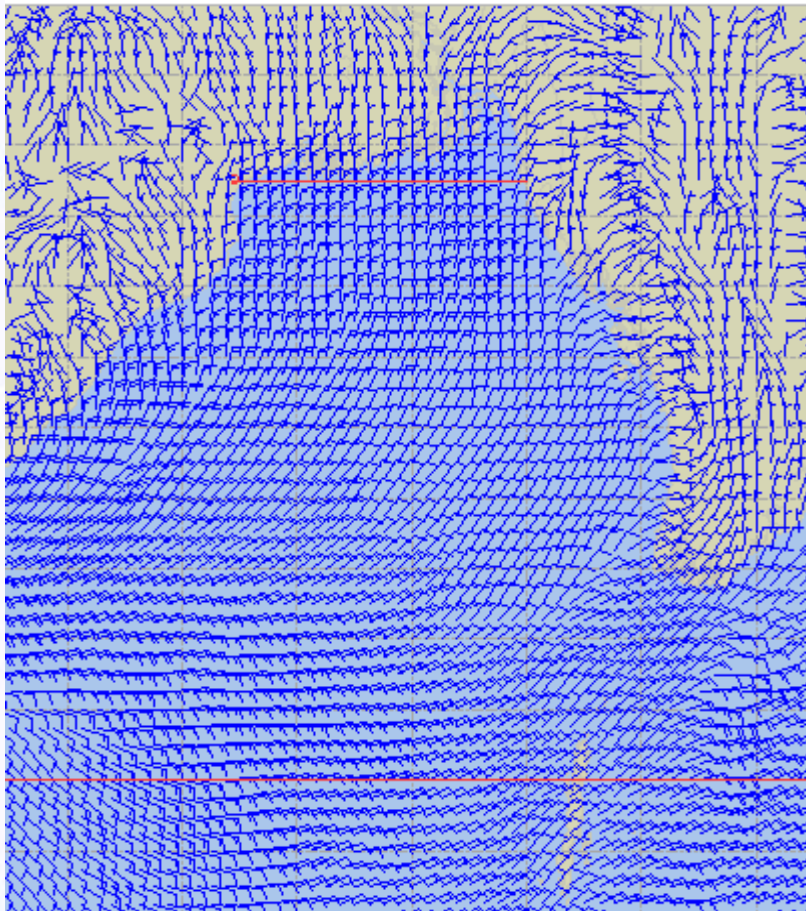
**60 Knots**



# Surface Wind Forecast - 30 Nov & 01 Dec- 2020

30 Nov 20 Monday

01 Dec 20 Tuesday



**Legend:**



Calm  
Winds



5 Knots



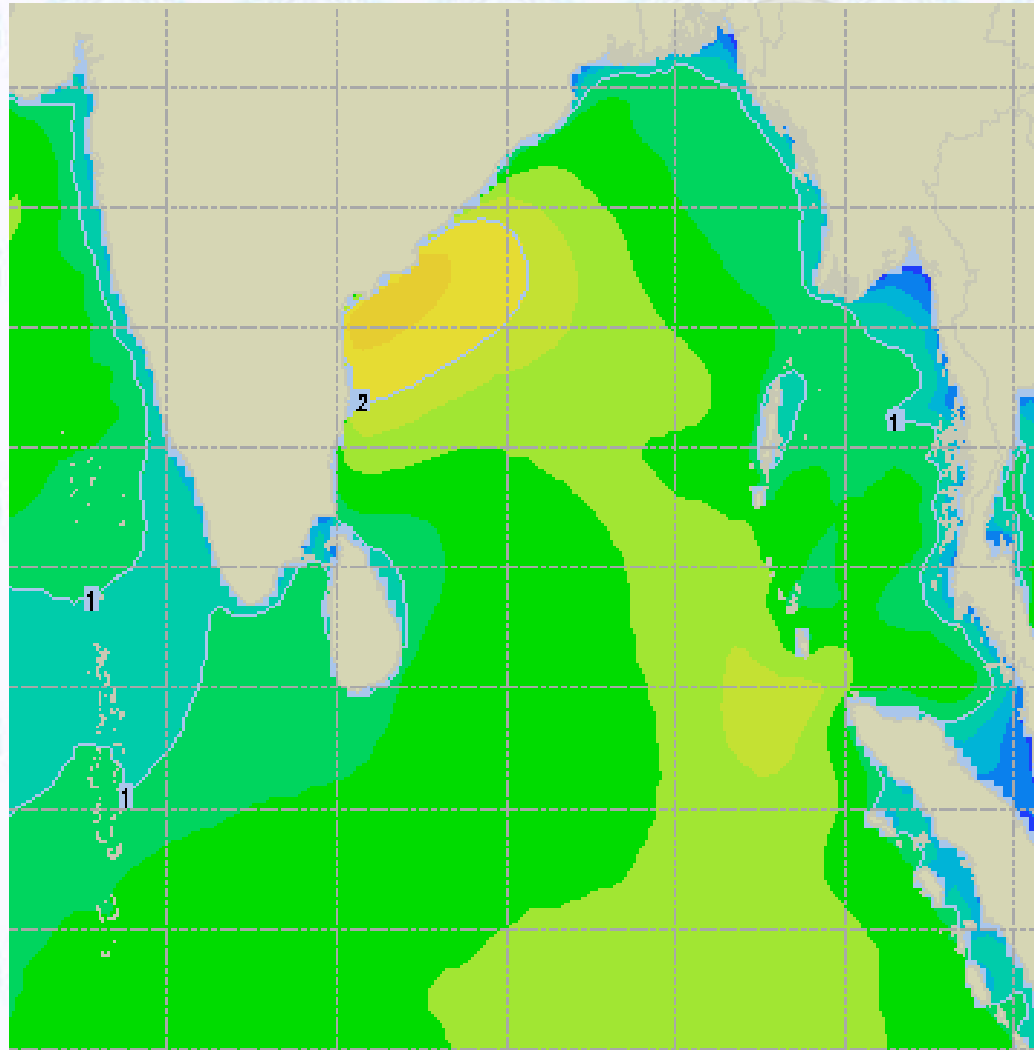
10 Knots



60 Knots



# Sea State Forecast – 29 Nov- 2020



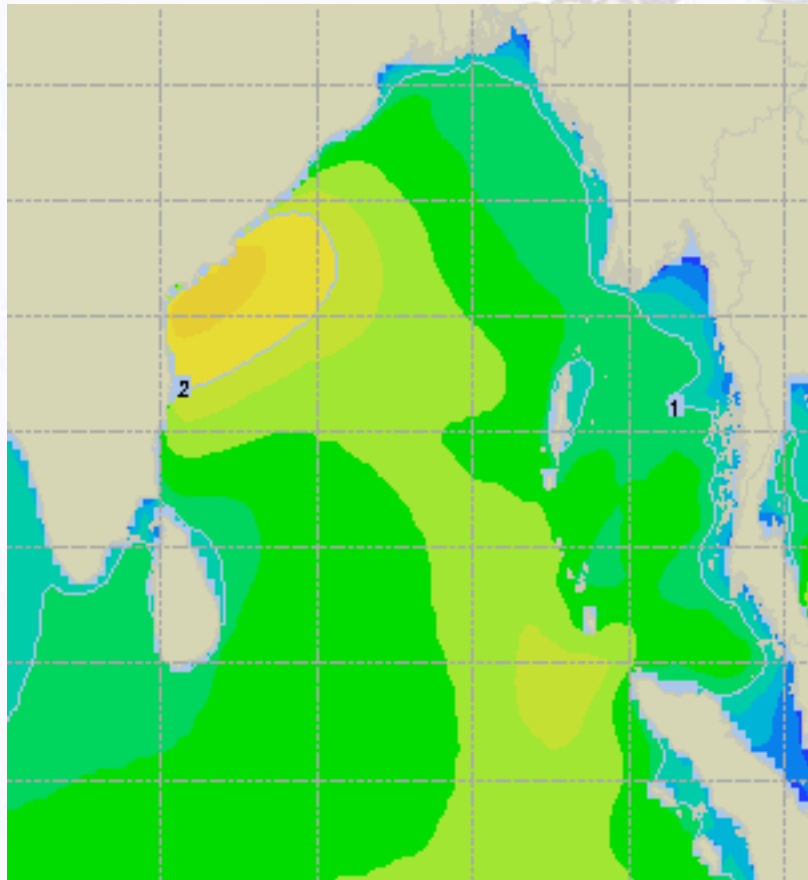
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



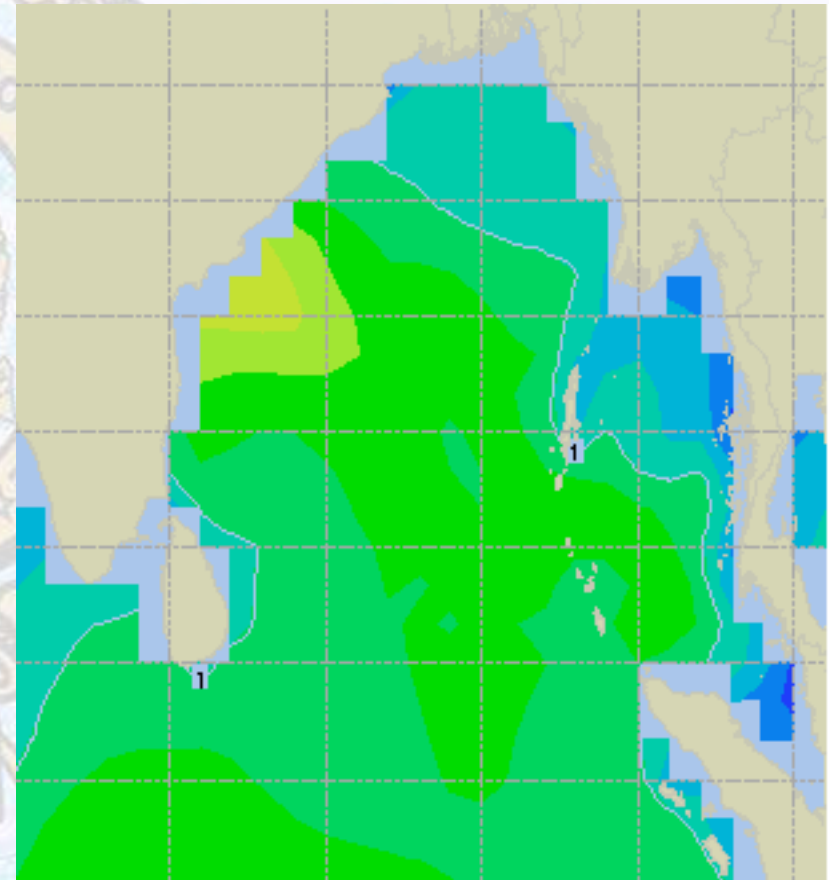


# Sea State Forecast - 30 Nov & 01 Dec- 2020

30 Nov 20 Monday



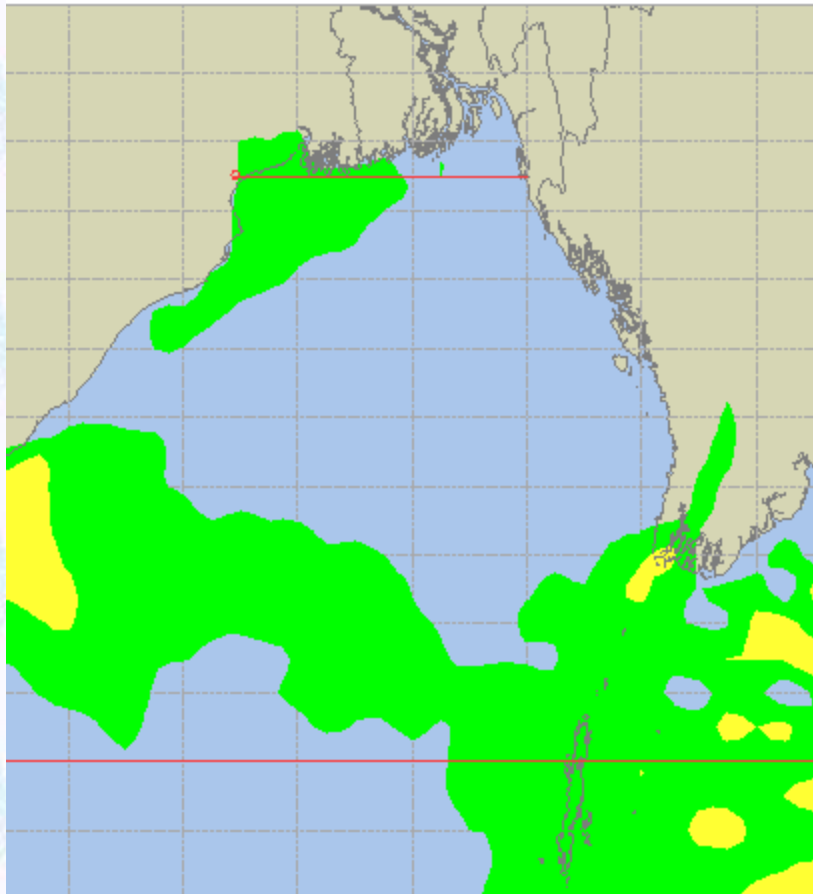
01 Dec 20 Tuesday



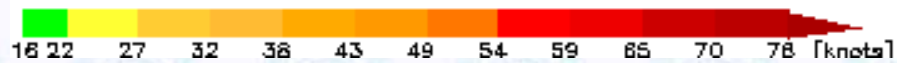
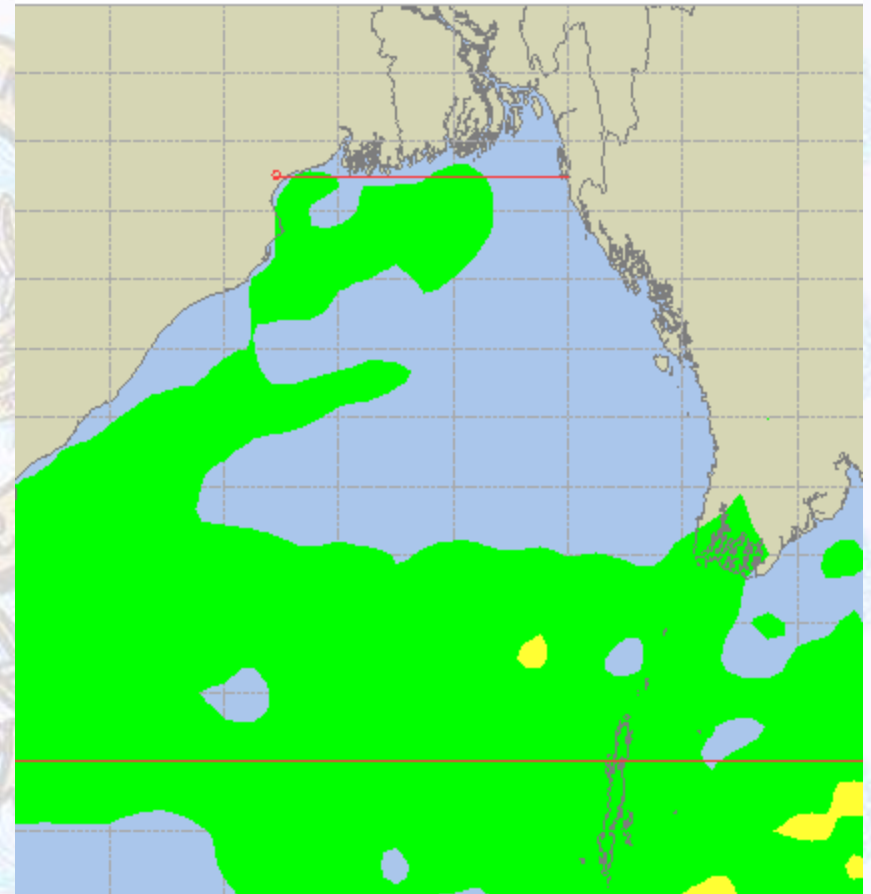


# Peak Gusting Possibilities— 29 & 30 Nov 2020

29 Nov 20 Sunday



30 Nov 20 Monday

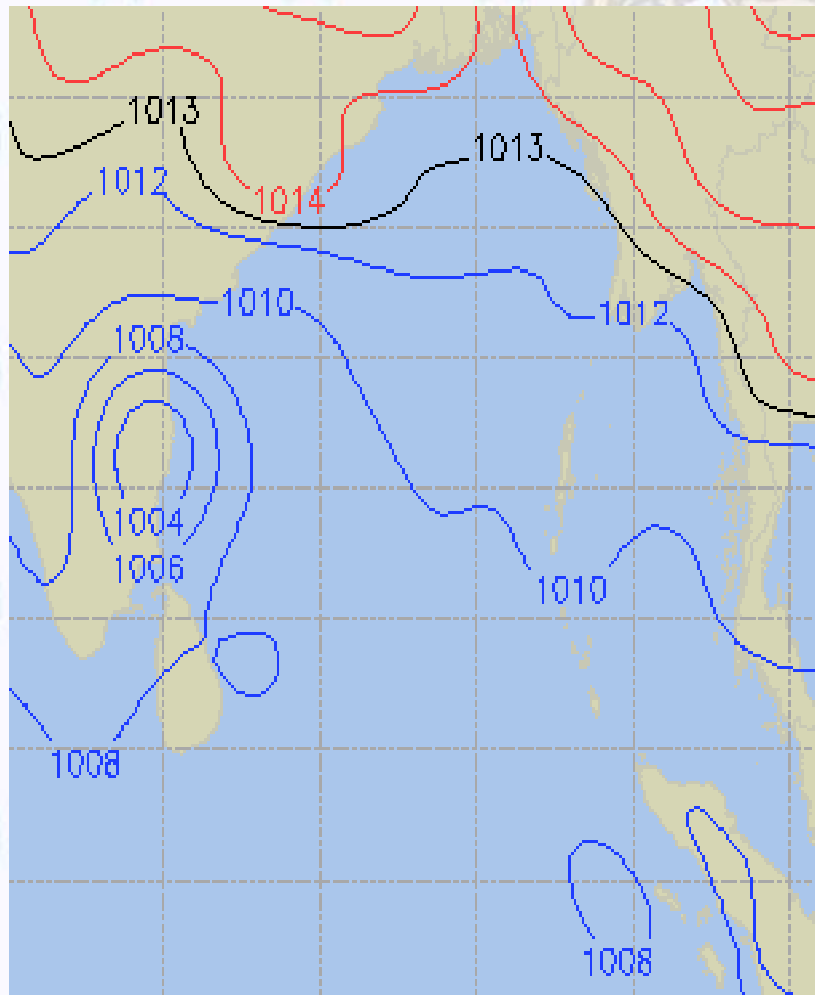




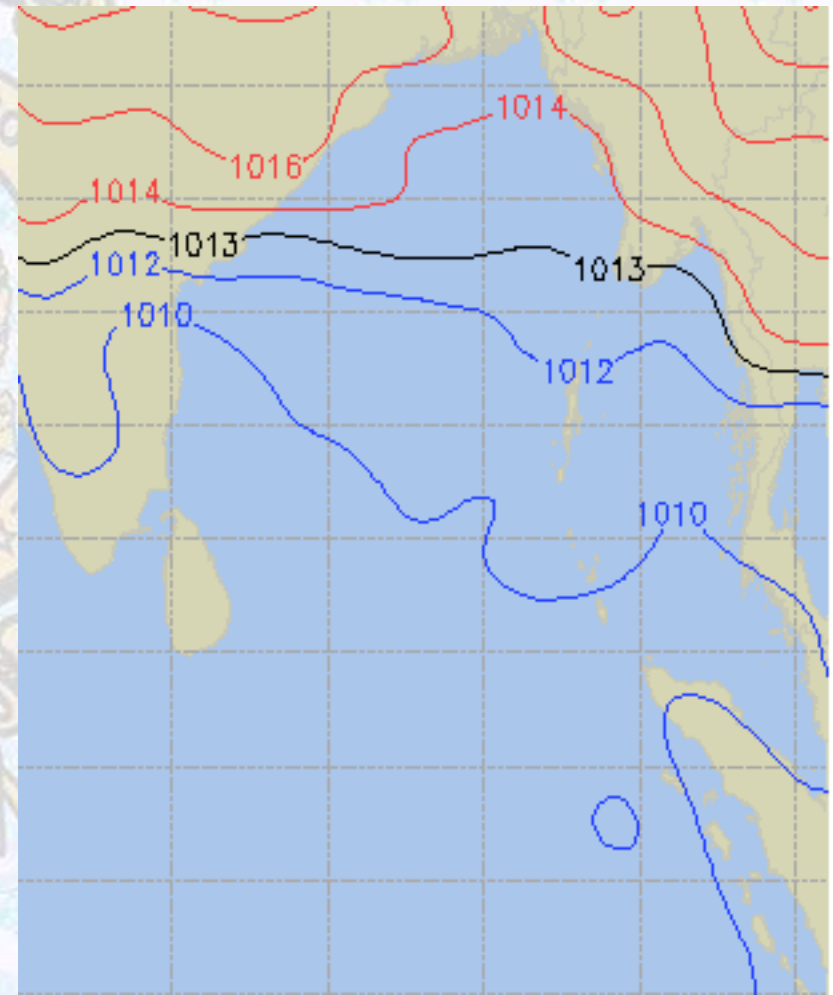


# Surface Pressure forecast– 29 & 30 Nov 2020

**28 Nov 20 Saturday**



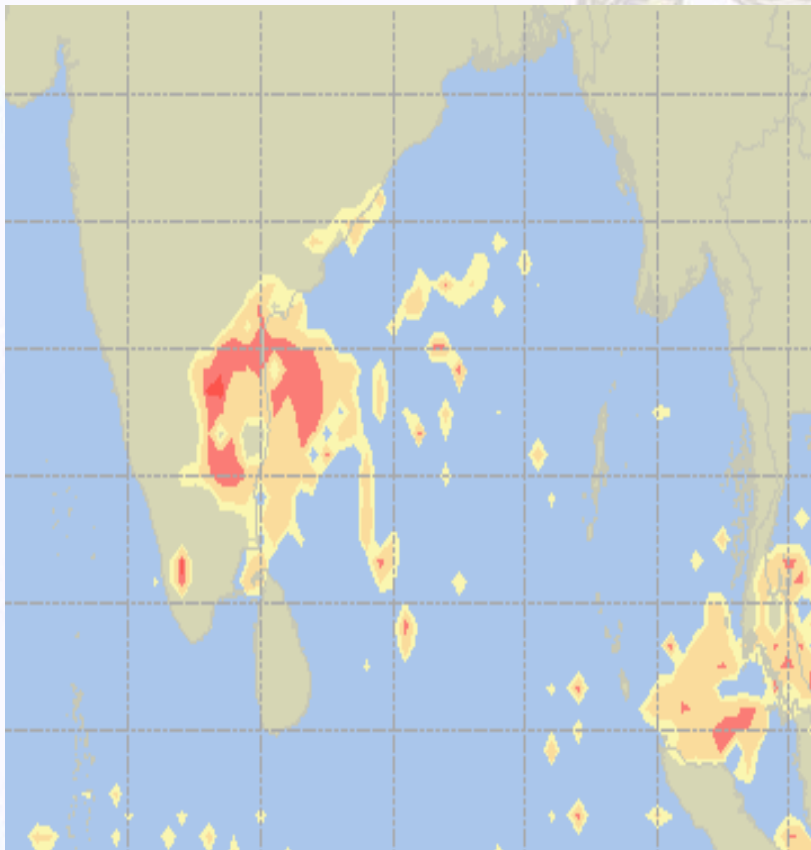
**30 Nov 20 Monday**



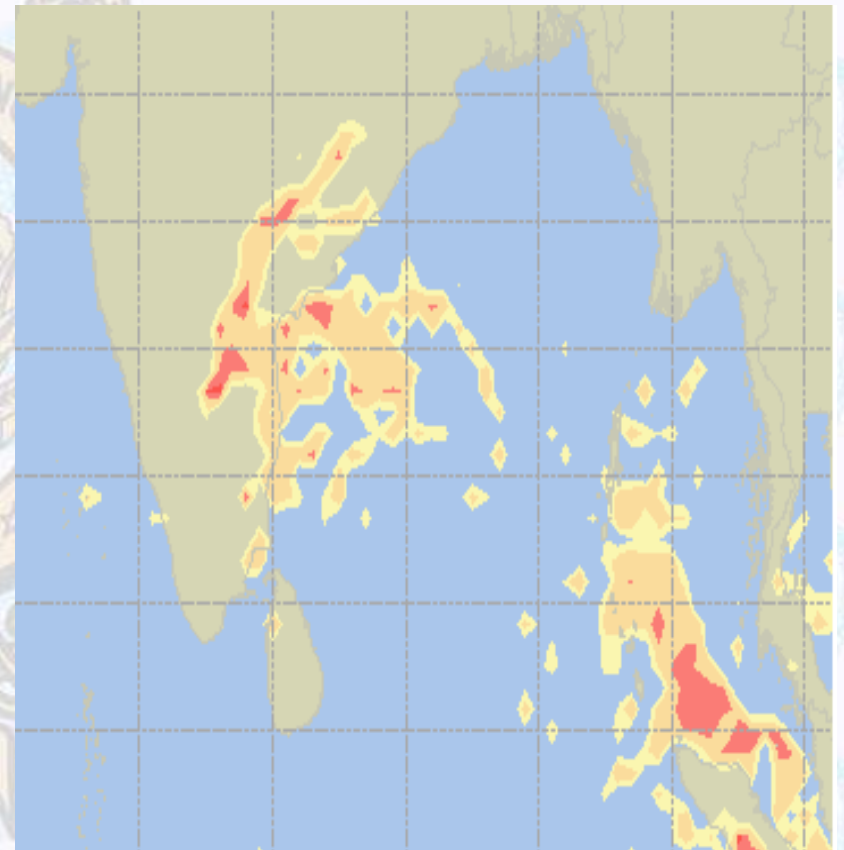


# Visibility at Sea Forecast – 29 & 30 Nov 2020

29 Nov 20 Sunday



30 Nov 20 Monday



**Visibility Scale:**



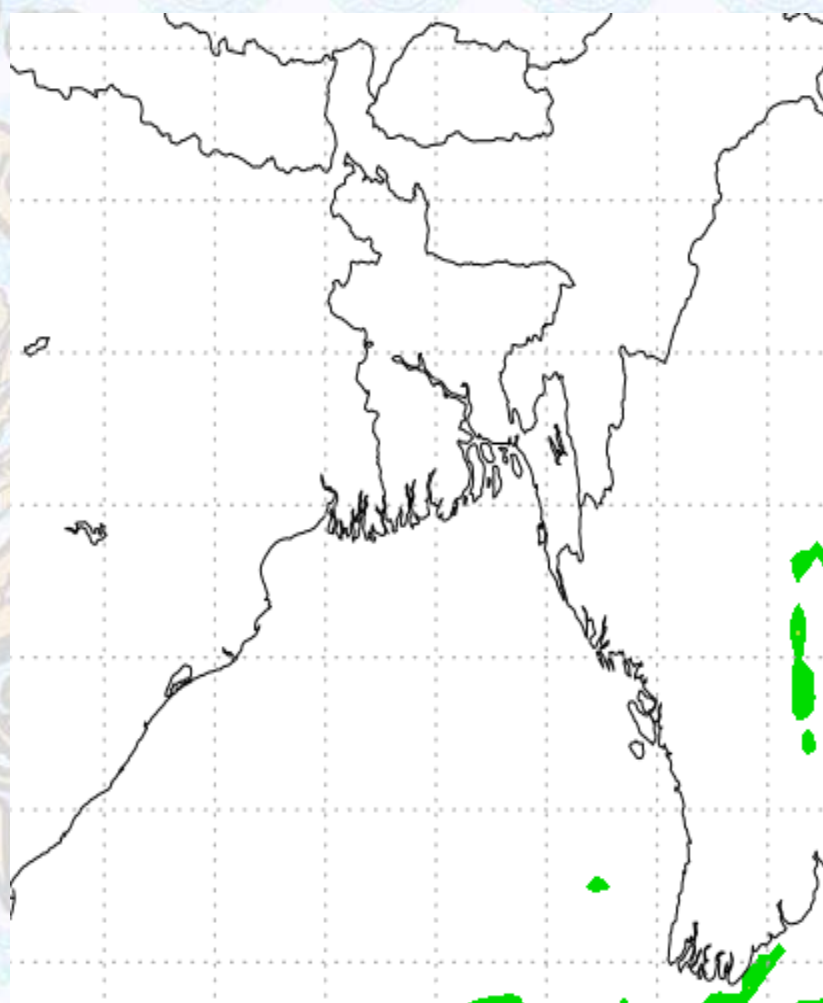
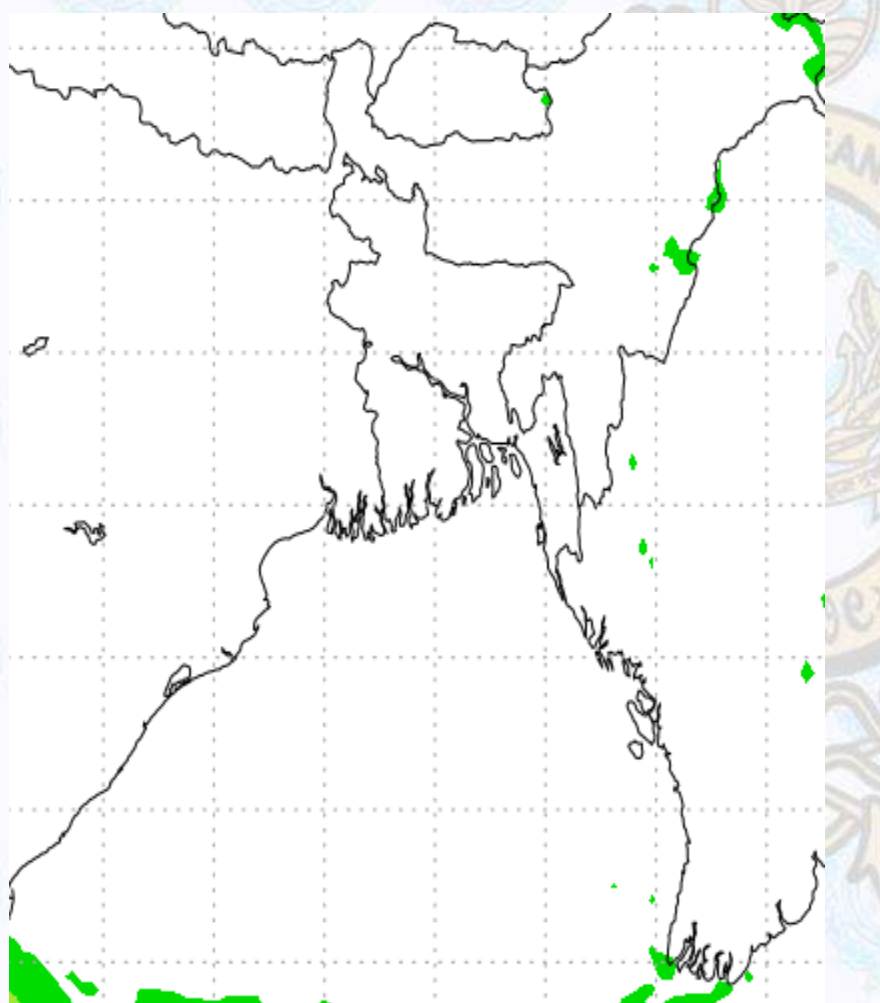
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 29 & 30 Nov 2020

Rain(mm)30 Nov &01 Dec2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>29 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0016	4.53		0429	0.76		0412	0.90
	0646	0.61		1004	2.94		1002	2.63
	1231	4.10		1634	0.69		1606	0.74
	1844	0.59		2223	3.39		2220	2.98
<b>30 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0042	4.58		0503	0.69		0444	0.85
	0716	0.58		1036	2.99		1034	2.64
	1259	4.13		1708	0.63		1638	0.70
	1914	0.55		2256	3.43		2250	2.99
<b>01 Dec 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0107	4.58		0536	0.65		0516	0.83
	0745	0.59		1108	2.99		1106	2.64
	1327	4.12		1741	0.61		1710	0.68
	1943	0.54		2330	3.42		2320	2.98