



WEATHER FORECAST FOR BN

17 - 20 APR 2021



WEATHER FORECAST – DHAKA

17.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 23	35 / 22	32 / 23	29 / 23
Wind	16 km/h S	17 km/h SSW	15 km/h S	12 m/h S
Humidity	60%	49%	58%	68%
Chance of Precip	9%	1%	1%	5%
Cloud Cover	39%	22%	8%	4%
Conditions	Mostly Cloudy	Mostly Cloudy	Clear	Clear
Sunrise Sunset	05: 35 AM 18: 21 PM			

Conditions

Pressure : 1010 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

17.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 25	30 / 25	29 / 27	27 / 26
Wind	11 km/h SW	14 km/h SW	12 km/h WSW	6 km/h SSE
Humidity	69%	72%	89%	90%
Chance of Precip.	1%	2%	5%	7%
Cloud Cover	10%	3%	5%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	05: 31 AM			
Sunset	18: 13 PM			

Conditions

Pressure : 1011 hpa

Visibility : 3.54 Km

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



WEATHER FORECAST – KHULNA

17.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 22	34 / 22	31 / 25	29 / 24
Wind	15 km/h SSW	6 km/h SSW	17 km/h SSW	13 m/h SSW
Humidity	48%	49%	70%	78%
Chance of Precip.	23%	7%	3%	7%
Cloud Cover	29%	9%	7%	3%
Conditions	Partly Cloudy	Sunny	Clear	Cloudy
Sunrise Sunset	05: 39 AM 18: 23 PM			

Conditions

Pressure : 1009 hpa

Visibility : 11.27 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	18 Apr 2021	19 Apr 2021	20 Apr 2021
Temperature (C)	35 °C/ 27 °C	37 °C/ 27 °C	37 °C/ 27 °C
Summary	Mostly Sunny	Partly Cloudy	Sunny
Sun Rise/Set	5h 34m36s/18h21m42s	5h 33m42s/18h22m12s	5h 32m54s/18h22m36s
Day Length	12h47m06s	12h48m30s	12h49m42s
Moon Rise/ Set	9:43AM 11:48PM	10:35AM - - -	11:31AM 12:38AM
Moon Phase/ illu	Waxing Crescent, 37%	Waxing Crescent, 37%	First Quarter, 47%
Nautical Twilight	04:44, 19:11	04:44, 19:09	04:44, 19:09
Civil Twilight	05:11, 18:44	05:11, 18:45	05:11, 18:45
Humidity	D : 62% N : 72%	D : 62% N : 72%	D : 52% N : 72%
Barometer (mb)	1008	1005	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	22%	5%	9%
Wind (km/hr)	17 Km/h, SSW	16 Km/h, SW	17 Km/h, SW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	18 Apr 2021	19 Apr 2021	20 Apr 2021
Temperature (C)	31 °C / 26 °C	31 °C / 26 °C	32 °C / 26 °C
Summary	Sunny	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h30m18s/ 18h14m30s	5h29m30s/ 18h15m00s	5h28m42s/ 18h15m18s
Day Length	12h44m12s	12h45m30s	12h46m36s
Moon Rise/ Set	9:41AM 11:39PM	10:35AM - - -	11:31AM 12:28AM
Moon Phase/ illu	Waxing Crescent, 37%	Waxing Crescent, 37%	First Quarter, 47%
Nautical Twilight	04:40, 19:03	04:40, 19:03	04:40, 19:02
Civil Twilight	05:07, 18:36	05:07, 18:36	05:07, 18:37
Humidity	D : 79% N : 93%	D : 79% N : 93%	D : 78% N : 95%
Barometer (mb)	1010	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	6%	6%	13%
Wind (km/hr)	15 Km/h, SW	18 Km/h, SSW	15 Km/h, SSW

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



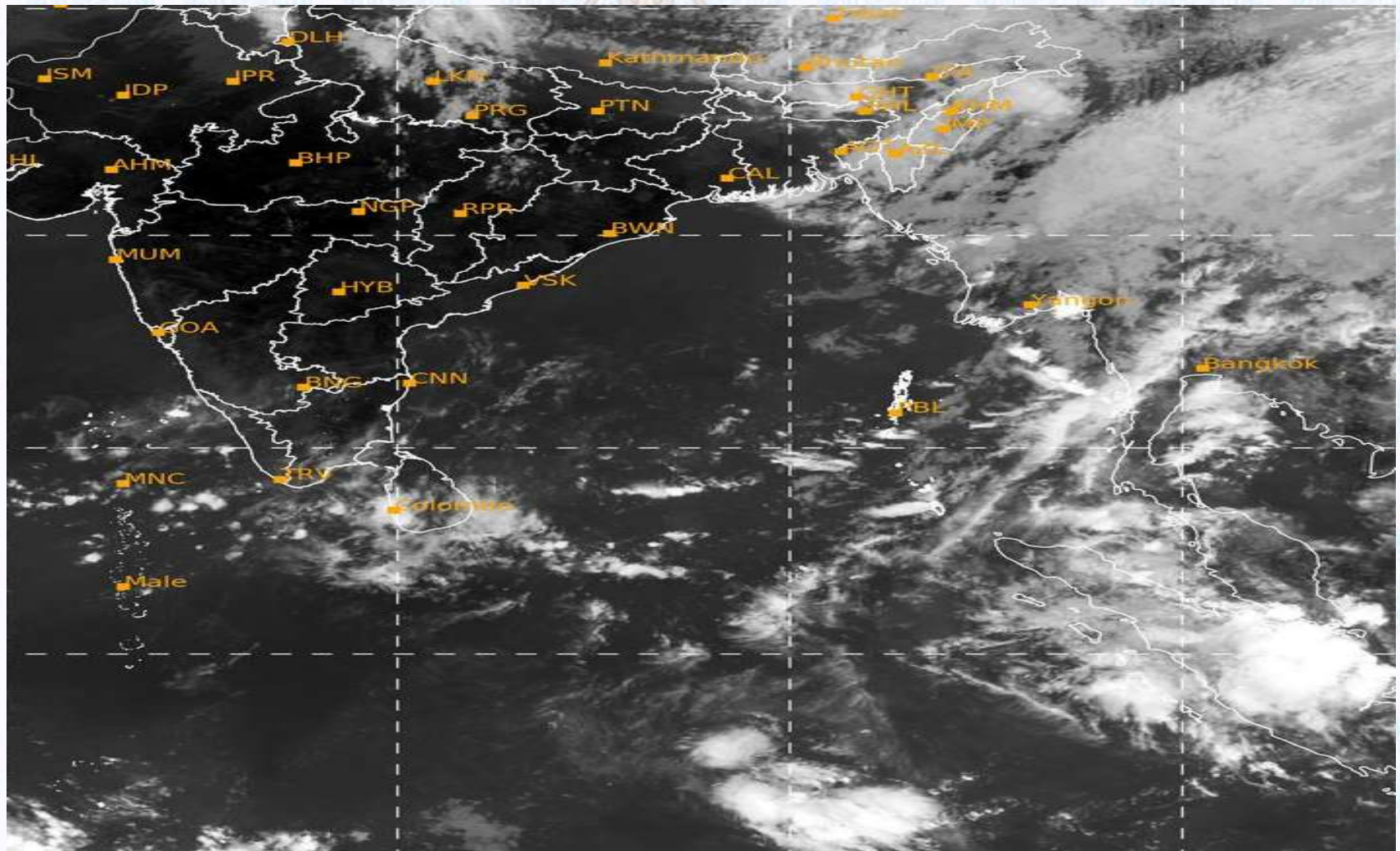
GENERAL WEATHER FORECAST – KHULNA

Description	18 Apr 2021	19 Apr 2021	20 Apr 2021
Temperature(C)	35°C/ 28°C	37°C/ 28°C	36°C/ 28°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	5h38m54s/ 18h24m06s	5h38m06s/ 18h24m36s	5h37m18s/ 18h25m00s
Day Length	12h 45m 12s	12h 46m 30s	12h 47m 42s
Moon Rise/Set	9:49AM 11:49PM	10:35AM - - -	11:31AM 12:28AM
Moon Phase/illu	Waxing Crescent, 37%	Waxing Crescent, 37%	First Quarter, 47%
Nautical Twilight	04:49, 19:13	04:49, 19:13	04:49, 19:12
Civil Twilight	05:16, 18:46	05:16, 18:46	05:16, 18:46
Humidity	D : 70% N : 87%	D : 70% N : 87%	D : 70% N : 87%
Barometer (mb)	1009	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	6%	6%	14%
Wind (km/hr)	19 Km/h, SSW	14 Km/h, SW	16 Km/h, SW

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



SATELLITE VIEW OF BAY OF BENGAL

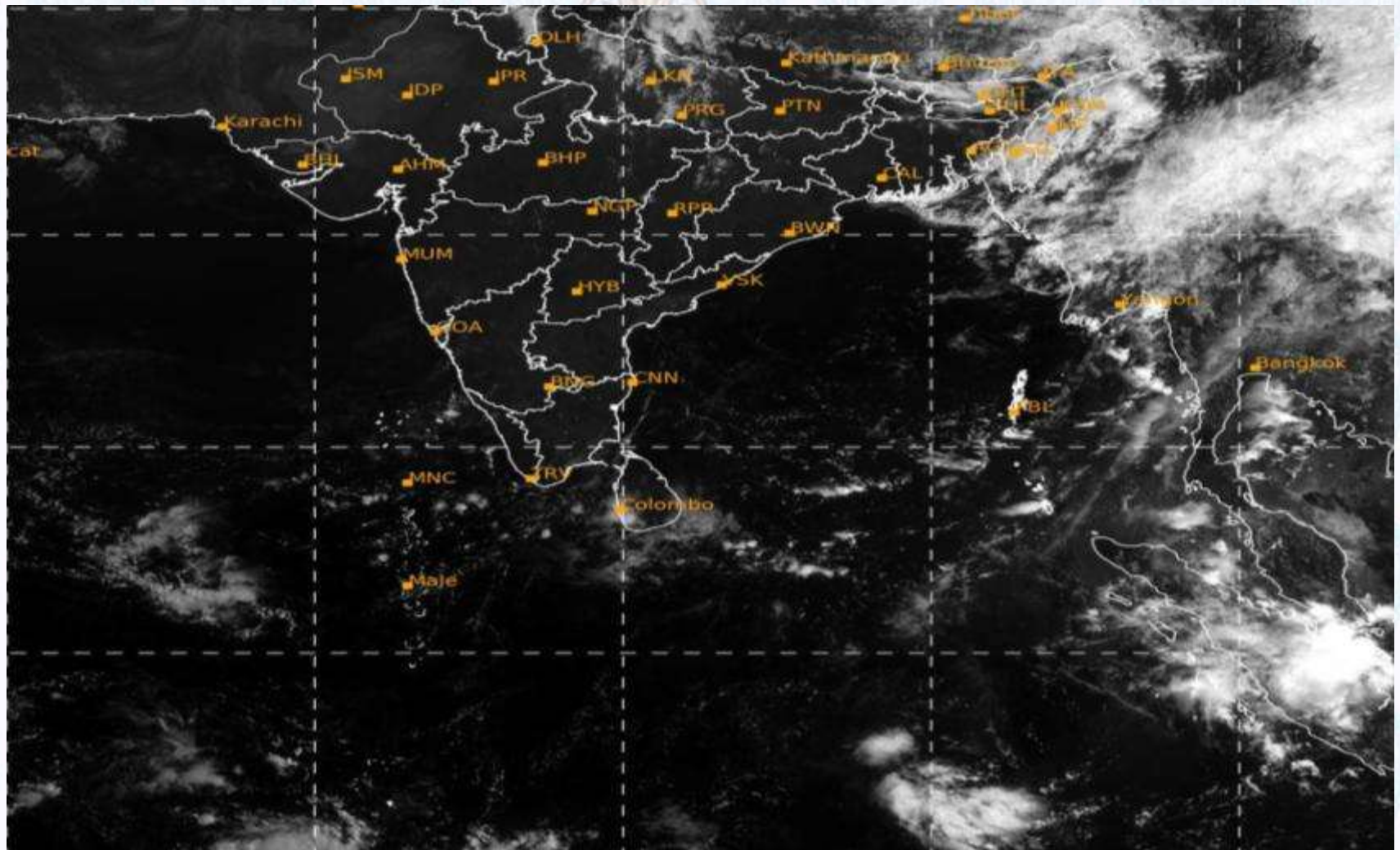


17/04/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



17/04/2021, 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 17.04.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER NORTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA -C90.
	Wind	W/SW'LY, 10-15 KTS , TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 17,0000 UTC. CHATTOGRAM =1011 HPA



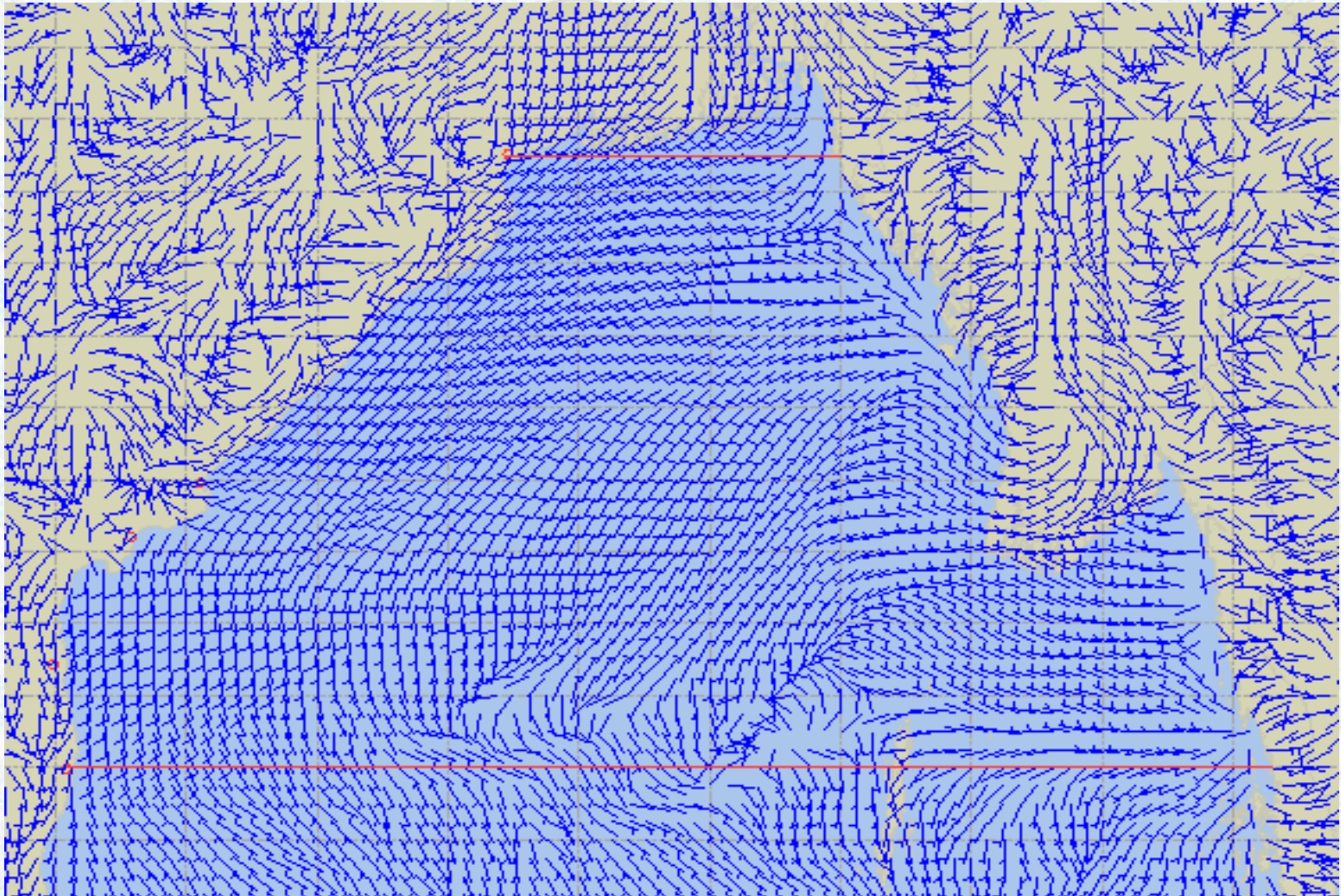
Inland River Port Warning (VALID TILL 06 PM OF 17.04.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **W/NW'LY** GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, MYMENSINGH, NOAKHALI, CUMILLA, CHATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 18 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



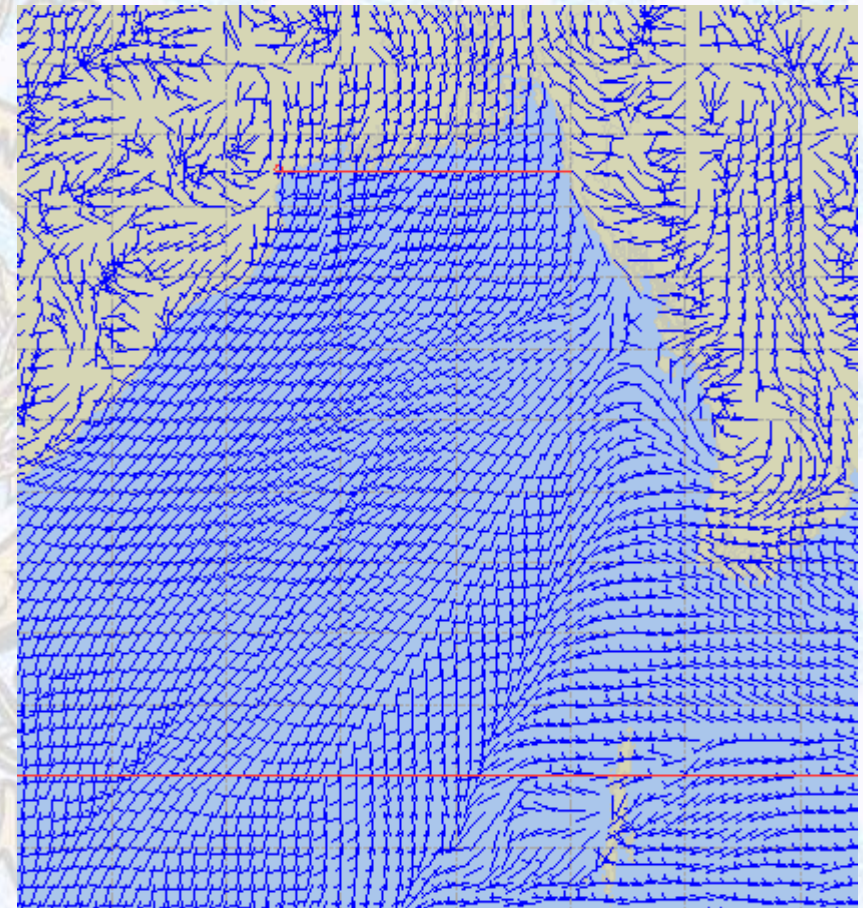
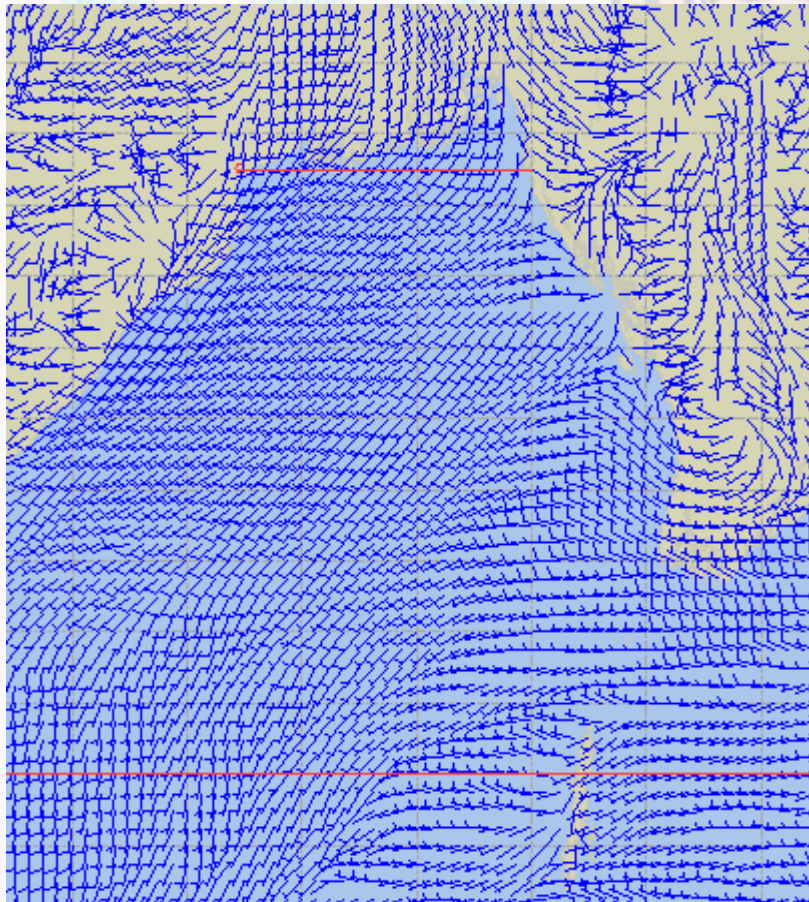
60 Knots



Surface Wind Forecast – 19 & 20 Apr - 2021

19 Apr 21 Monday

20 Apr 21 Tuesday



Legend:



Calm
Winds



5 Knots



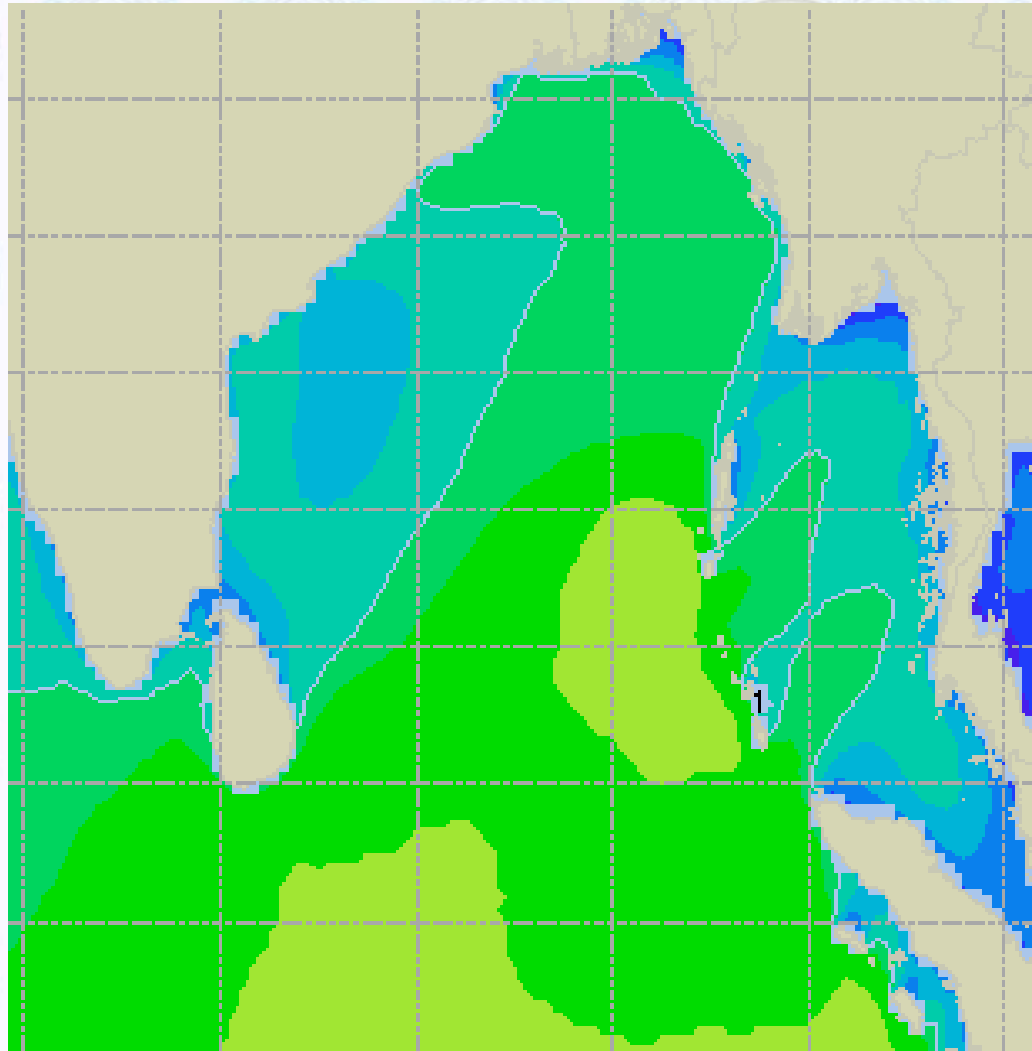
10 Knots



60 Knots



Sea State Forecast – 18 Apr - 2021



Sea State	Ht (m)
0	0
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

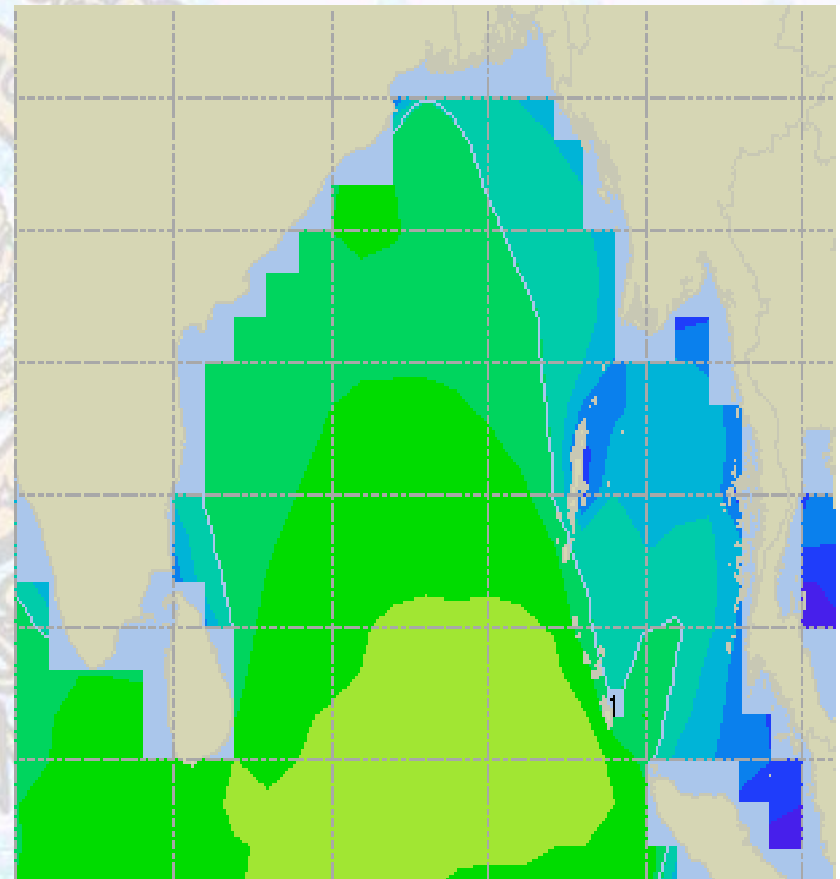
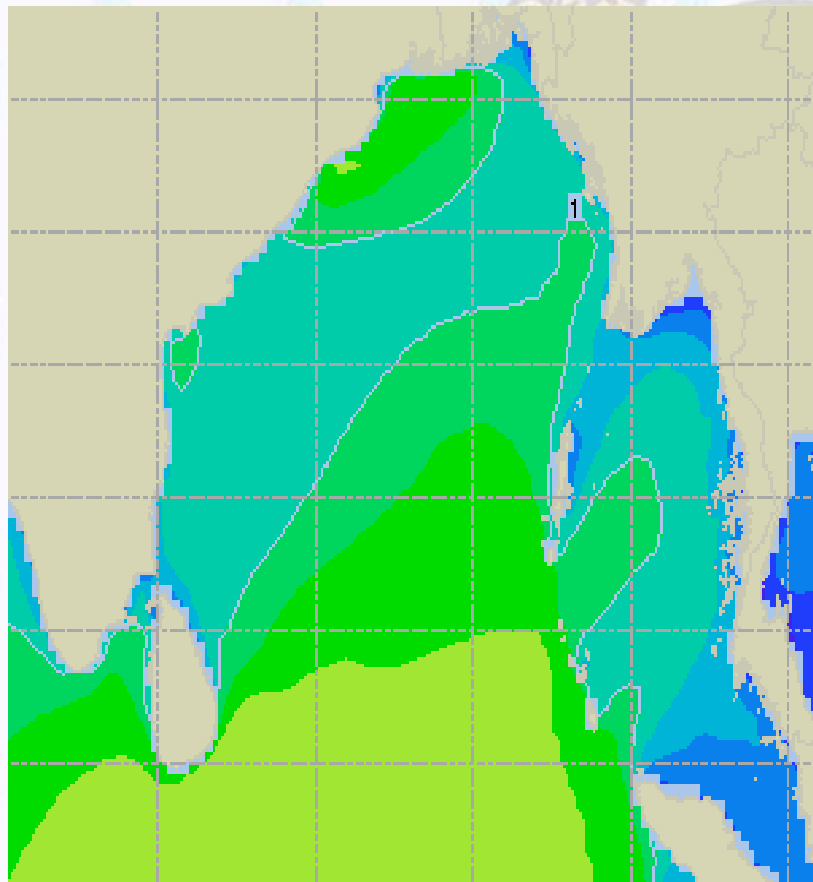




Sea State Forecast – 19 & 20 Apr - 2021

19 Apr 21 Monday

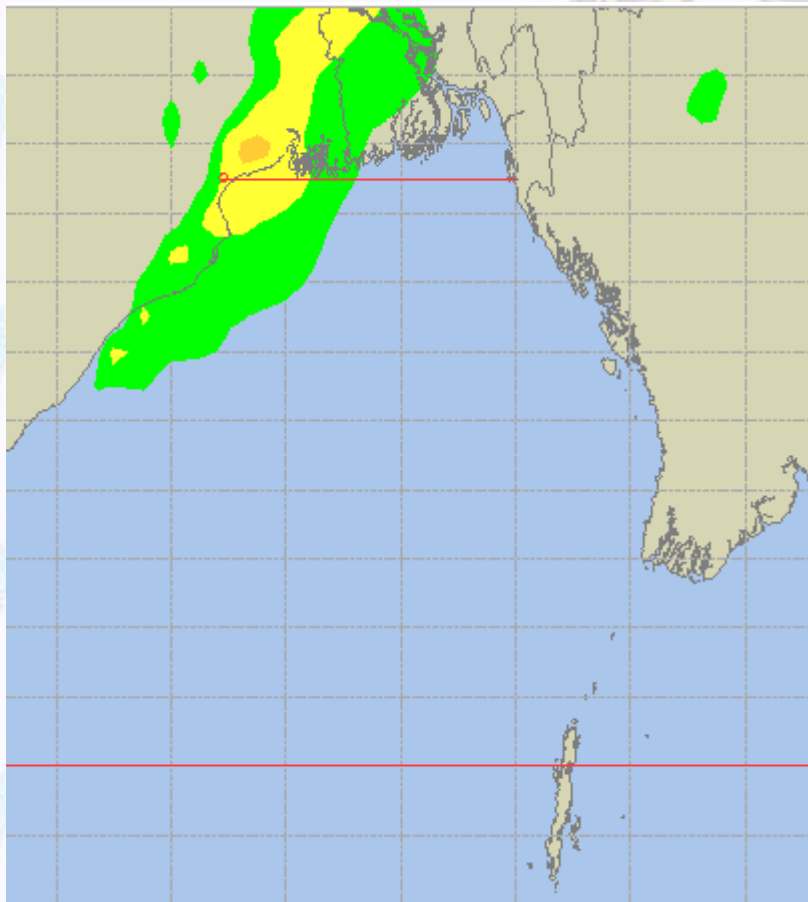
20 Apr 21 Tuesday



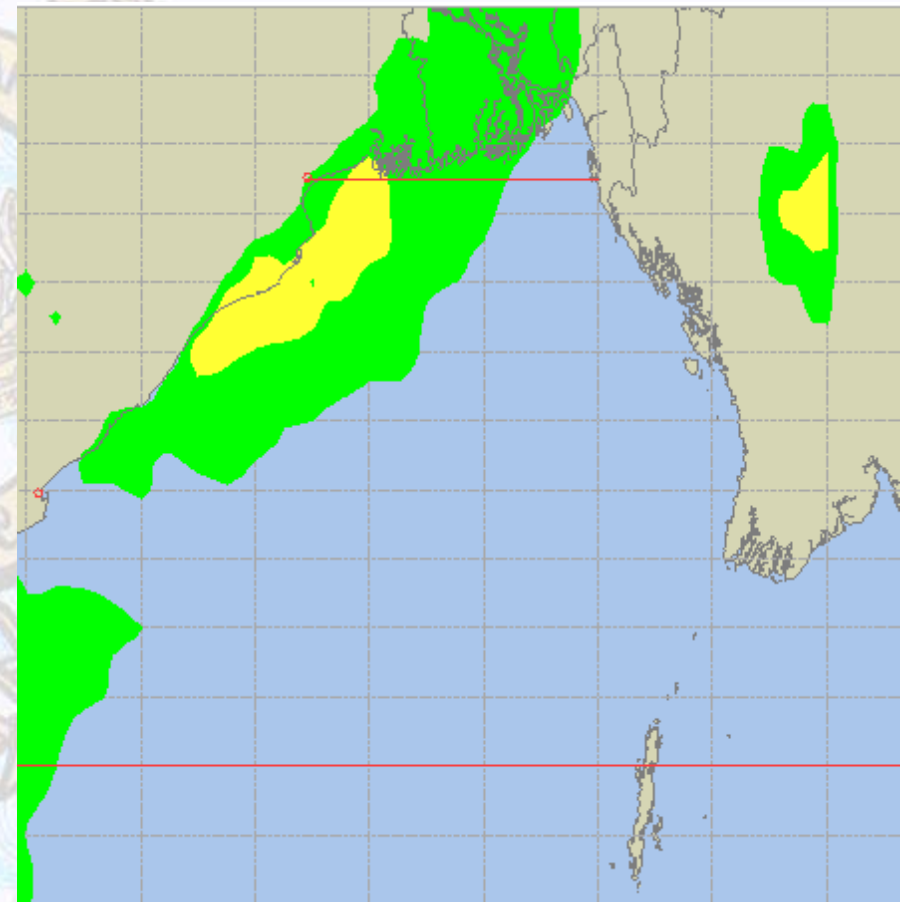


Peak Gusting Possibilities– 18 & 19 Apr 2021

18 Apr 21 Sunday



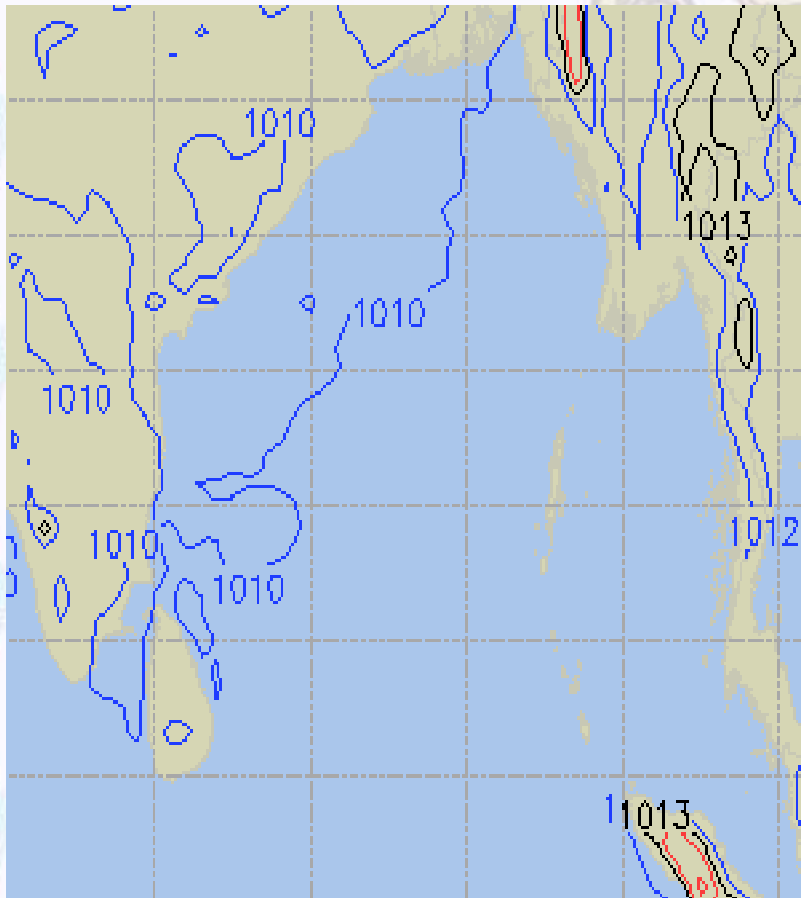
19 Apr 21 Monday



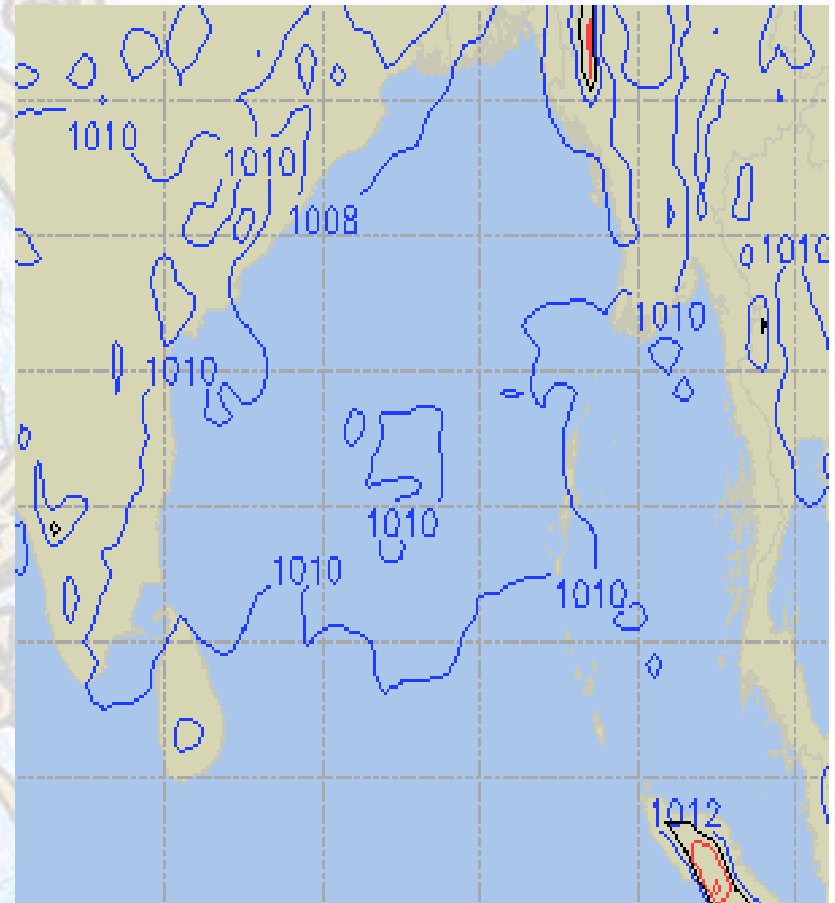


Surface Pressure forecast – 18 & 19 Apr 2021

18 Apr 21 Sunday



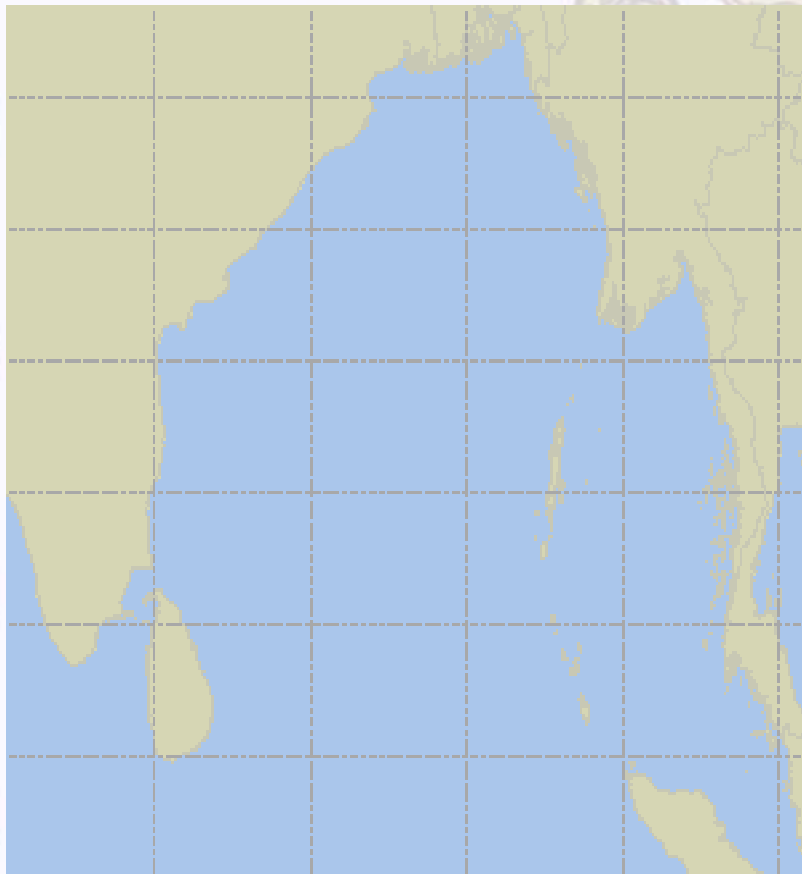
19 Apr 21 Monday



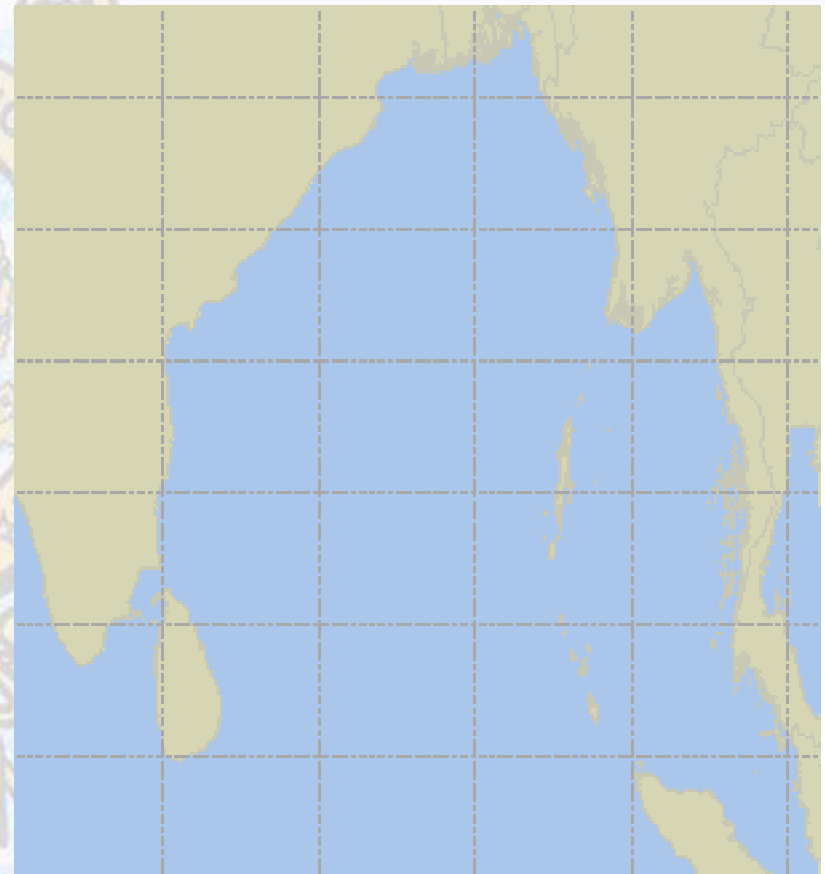


Visibility at Sea Forecast – 18 & 19 Apr 2021

18 Apr 21 Sunday



19 Apr 21 Monday



Visibility Scale:




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

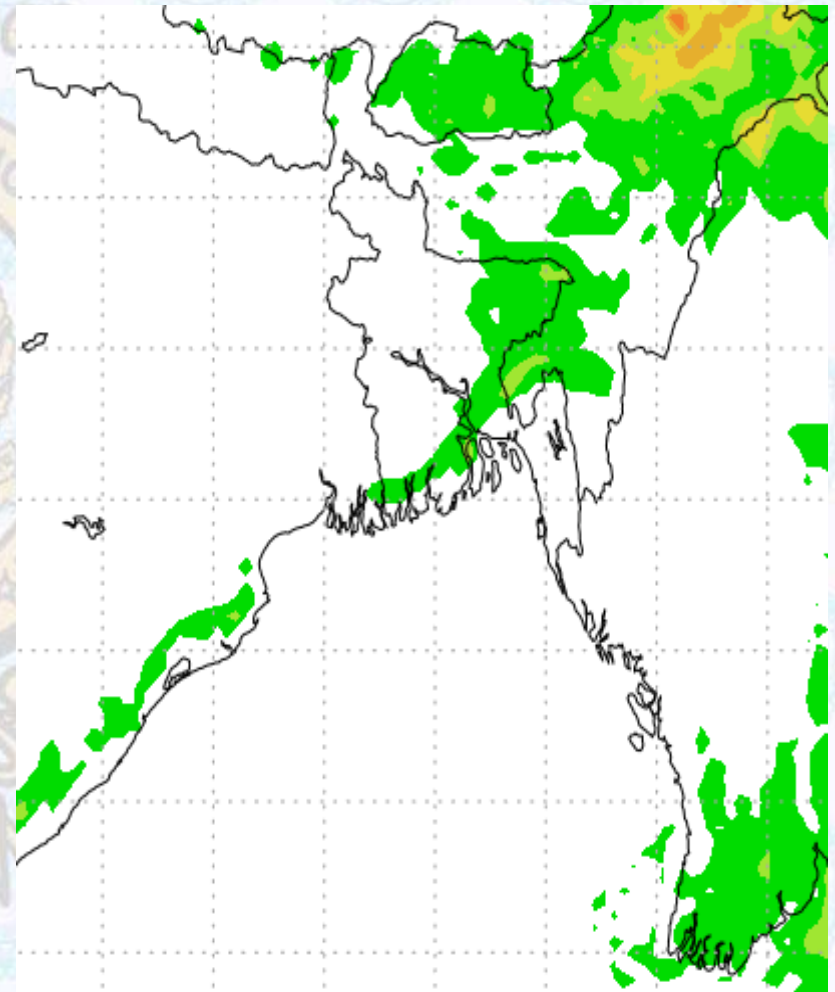


Precipitation

Rain(mm) 18 & 19 Apr 21

Rain(mm) 19 & 20 Apr 21

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Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0405		3.79			0149	2.56
18 Apr 2021	1018	0.85		0800	0.67		0738	0.85
	1624	4.03		1416	2.74		1400	2.61
	2256	1.08		2037	0.82		2023	1.11
	Time	Height		Time	Height		Time	Height
19 Apr 2021	0456	3.52		0231	2.36		0217	2.27
	1103	1.14		0839	0.87		0819	1.03
	1722	3.82		1504	2.58		1450	2.49
	2355	1.30		2128	1.00		2121	1.25
	Time	Height		Time	Height		Time	Height
20 Apr 2021	0604	3.31		0327	2.19		0316	2.14
	1208	1.44		0936	1.06		0921	1.20
	1839	3.68		1610	2.45		1559	2.41
	-	-		2242	1.14		2246	1.31