



WEATHER FORECAST FOR BN

16 - 19 APR 2021





WEATHER FORECAST – DHAKA

16.04.2021

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	15 m/h SSE
Humidity	60%	49%	58%	68%
Chance of Precip	9%	1%	1%	5%
Cloud Cover	69%	72%	68%	74%
Conditions	Mostly Cloudy	Mostly Cloudy	Cloudy	Cloudy
Sunrise Sunset	05: 36 AM 18: 20 PM			

Conditions

Pressure : 1010 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

16.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 25	31 / 25	29 / 27	27 / 26
Wind	11 km/h SW	14 km/h SW	7 km/h WSW	10 km/h S
Humidity	69%	72%	89%	90%
Chance of Precip.	1%	2%	5%	7%
Cloud Cover	80%	33%	59%	32%
Conditions	Mostly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise	05: 34 AM			
Sunset	18: 13 PM			

Conditions

Pressure : 1011 hpa

Visibility : 3.54 Km

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



WEATHER FORECAST – KHULNA

16.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36 / 23	35 / 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	79%	79%	79%	63%
Conditions	Partly Cloudy	Partly Cloudy	Mostly Clear	Partly Cloudy
Sunrise Sunset	05: 42 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	17 Apr 2021	18 Apr 2021	19 Apr 2021
Temperature (C)	35 °C/ 26 °C	35 °C/ 27 °C	37 °C/ 27 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	5h 35m24s/18h21m06s	5h 34m36s/18h21m42s	5h 33m42s/18h22m12s
Day Length	12h45m42s	12h47m06s	12h48m30s
Moon Rise/ Set	8:56AM 10:55PM	9:43AM 11:48PM	10:35AM - - -
Moon Phase/ illu	Waxing Crescent, 27%	Waxing Crescent, 37%	Waxing Crescent, 37%
Nautical Twilight	04:46, 19:10	04:44, 19:11	04:44, 19:09
Civil Twilight	05:13, 18:43	05:11, 18:44	05:11, 18:45
Humidity	D : 62% N : 73%	D : 62% N : 72%	D : 62% N : 72%
Barometer (mb)	1008	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	17%	24%	7%
Wind (km/hr)	12 Km/h, S	15 Km/h, SSW	17 Km/h, SW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	17 Apr 2021	18 Apr 2021	19 Apr 2021
Temperature (C)	31 °C / 26 °C	31 °C / 26 °C	32 °C / 26 °C
Summary	Sunny	Sunny	Partly Cloudy
Sun Rise/Set	5h31m06s/ 18h13m54s	5h30m18s/ 18h14m30s	5h29m30s/ 18h15m00s
Day Length	12h42m48s	12h44m12s	12h45m30s
Moon Rise/ Set	8:53AM 10:46PM	9:41AM 11:39PM	10:35AM - - -
Moon Phase/ illu	Waxing Crescent, 27%	Waxing Crescent, 37%	Waxing Crescent, 37%
Nautical Twilight	04:42, 19:02	04:40, 19:03	04:40, 19:03
Civil Twilight	05:09, 18:36	05:07, 18:36	05:07, 18:36
Humidity	D : 79% N : 91%	D : 79% N : 93%	D : 79% N : 93%
Barometer (mb)	1009	1009	1009
Visibility	Moderate	Moderate	Moderate
Precip Chance	8%	5%	16%
Wind (km/hr)	13 Km/h, WSW	15 Km/h, SW	16 Km/h, SSW

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



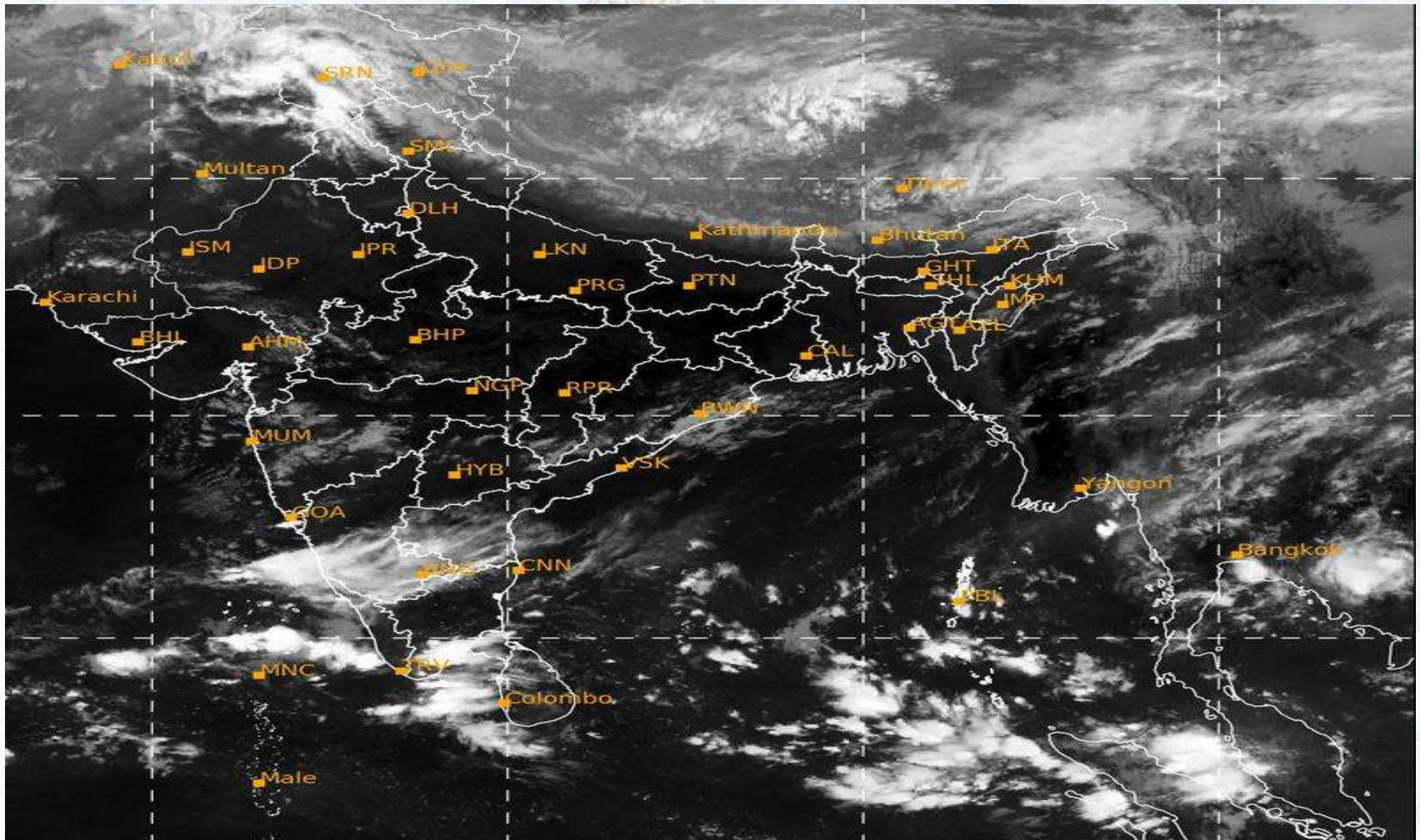
GENERAL WEATHER FORECAST – KHULNA

Description	17 Apr 2021	18 Apr 2021	19 Apr 2021
Temperature(C)	34°C/ 27°C	34°C/ 27°C	36°C/ 28°C
Summary	Sunny	Sunny	Partly Cloudy
Sun Rise/Set	5h39m42s/ 18h23m30s	5h38m54s/ 18h24m06s	5h38m06s/ 18h24m36s
Day Length	12h 43m 48s	12h 45m 12s	12h 46m 30s
Moon Rise/Set	9:01AM 10:57PM	9:49AM 11:49PM	10:35AM - - -
Moon Phase/illu	Waxing Crescent, 27%	Waxing Crescent, 37%	Waxing Crescent, 37%
Nautical Twilight	04:50, 19:12	04:49, 19:13	04:49, 19:13
Civil Twilight	05:17, 18:45	05:16, 18:46	05:16, 18:46
Humidity	D : 69% N : 86%	D : 70% N : 87%	D : 70% N : 87%
Barometer (mb)	1008	1009	1009
Visibility	Moderate	Moderate	Moderate
Precip Chance	13%	8%	8%
Wind (km/hr)	13 Km/h, SSW	16 Km/h, SSW	15 Km/h, SW

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



SATELLITE VIEW OF BAY OF BENGAL

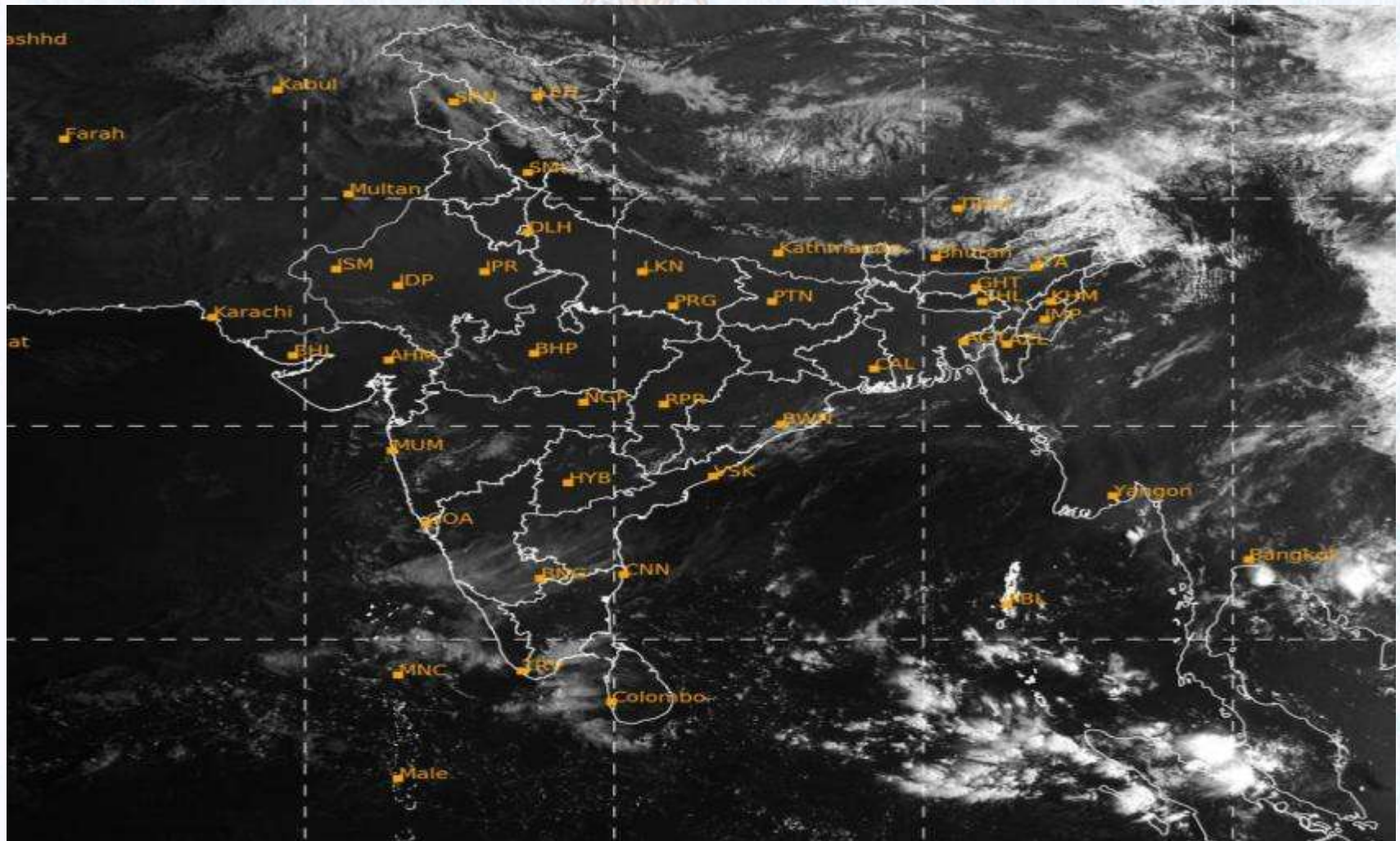


16/04/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



16/04/2021, 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 16.04.2021)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA -C90.
	Wind	W /SW'LY, 10-15 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 =1011 HPA



Inland River Port Warning (VALID TILL 06 PM OF 16.04.2020)

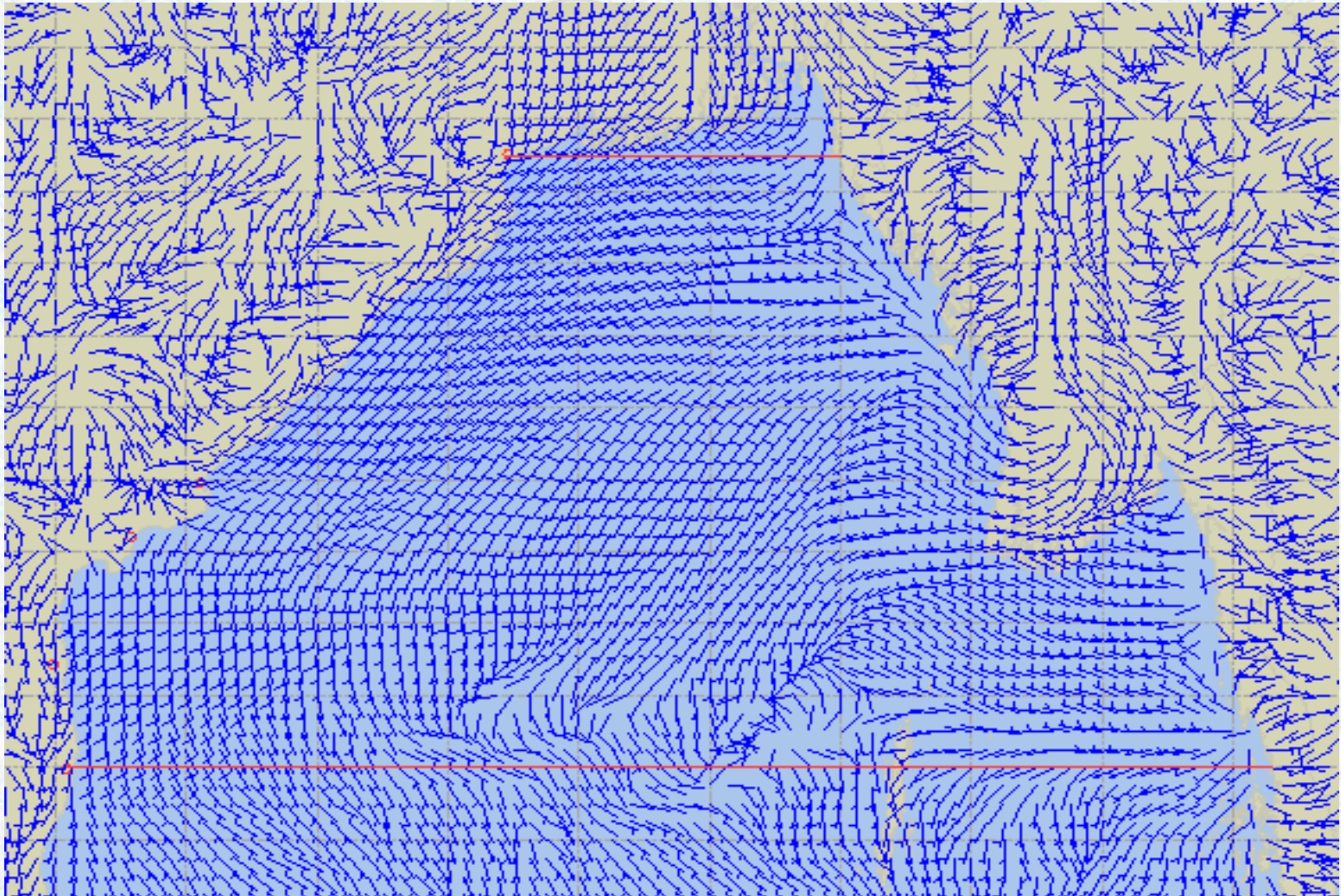
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 17 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



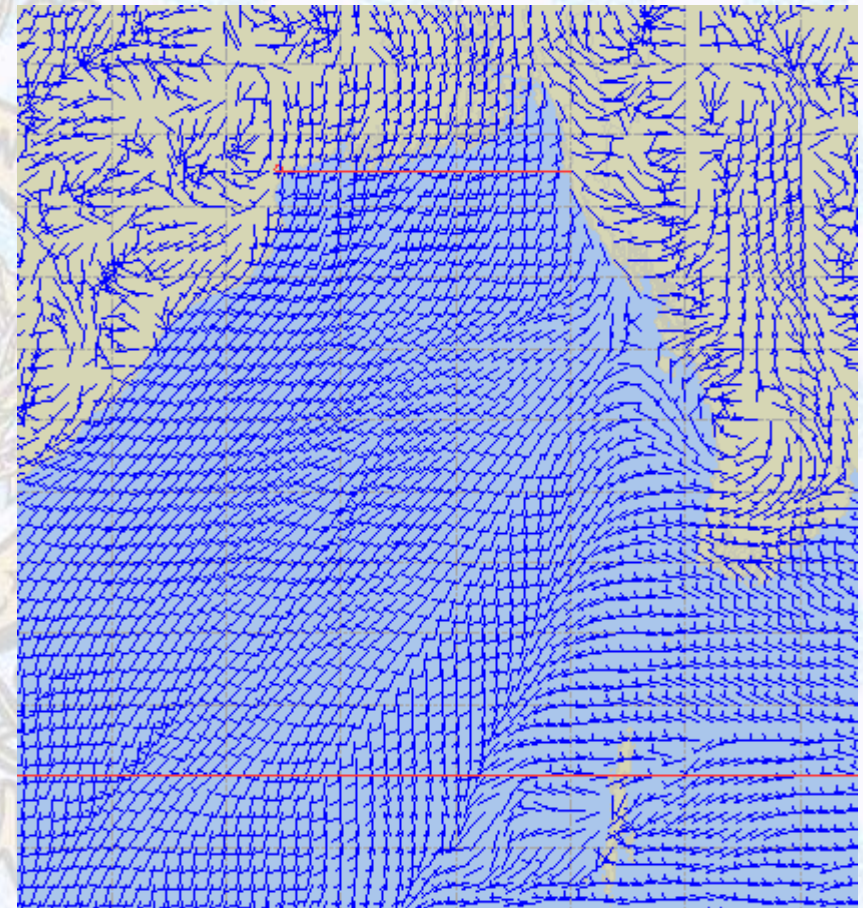
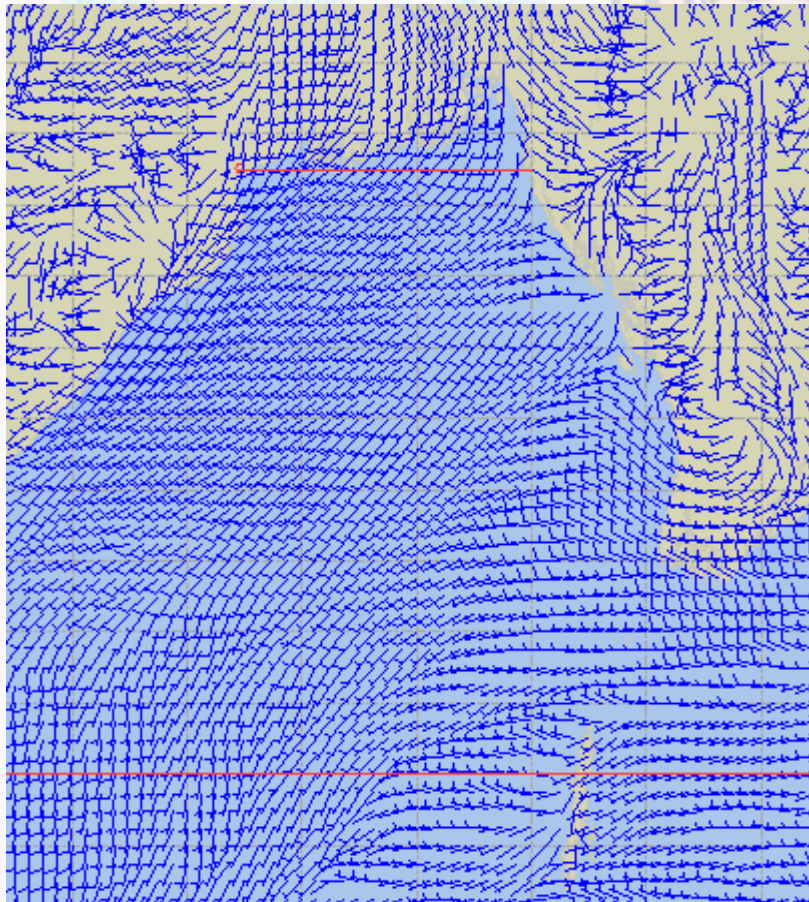
60 Knots



Surface Wind Forecast – 18 & 19 Apr - 2021

18 Apr 21 Sunday

19 Apr 21 Monday



Legend:



Calm
Winds



5 Knots



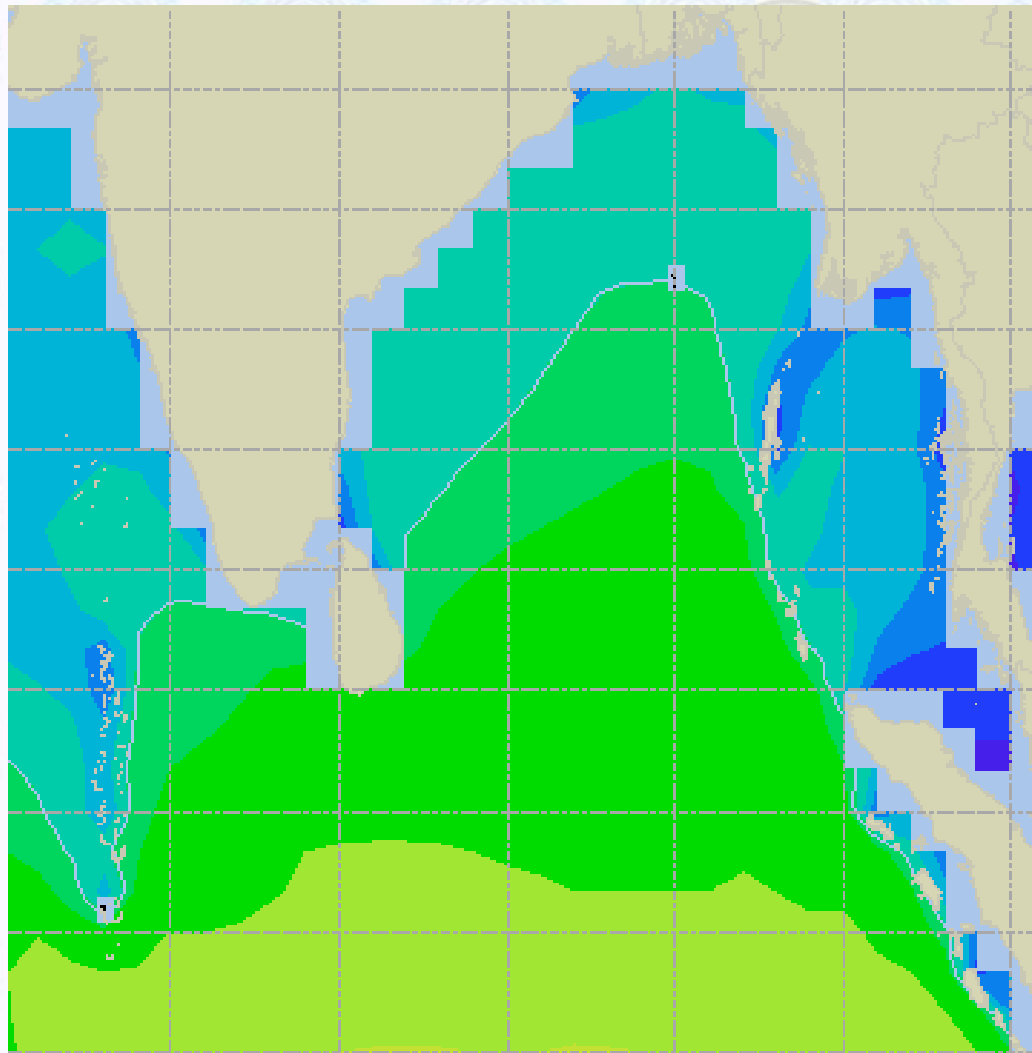
10 Knots



60 Knots



Sea State Forecast – 17 Apr - 2021



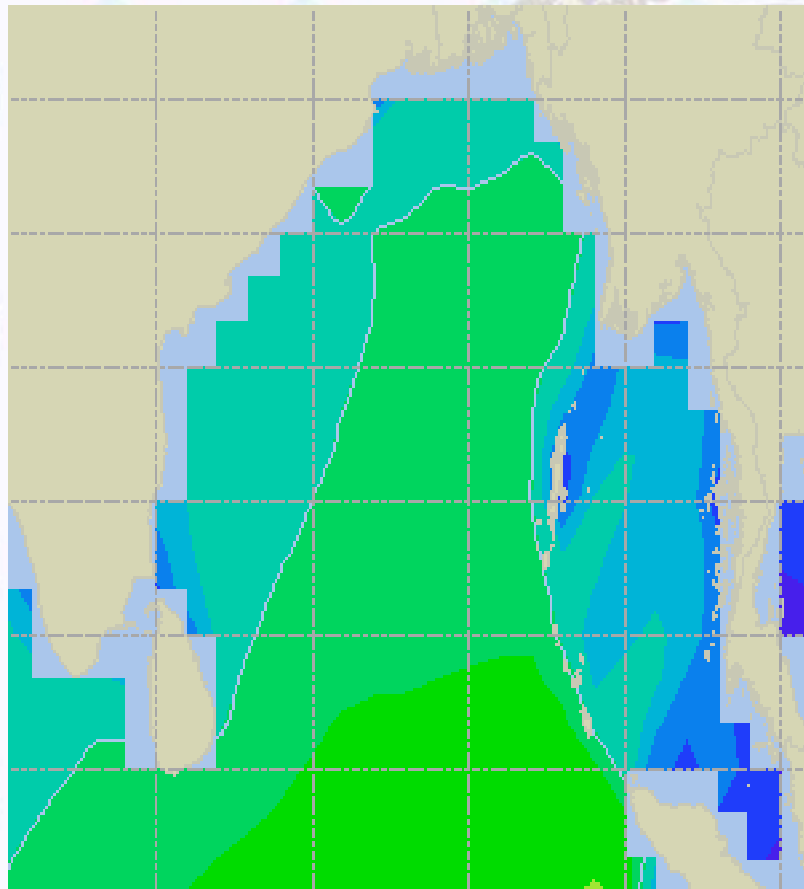
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



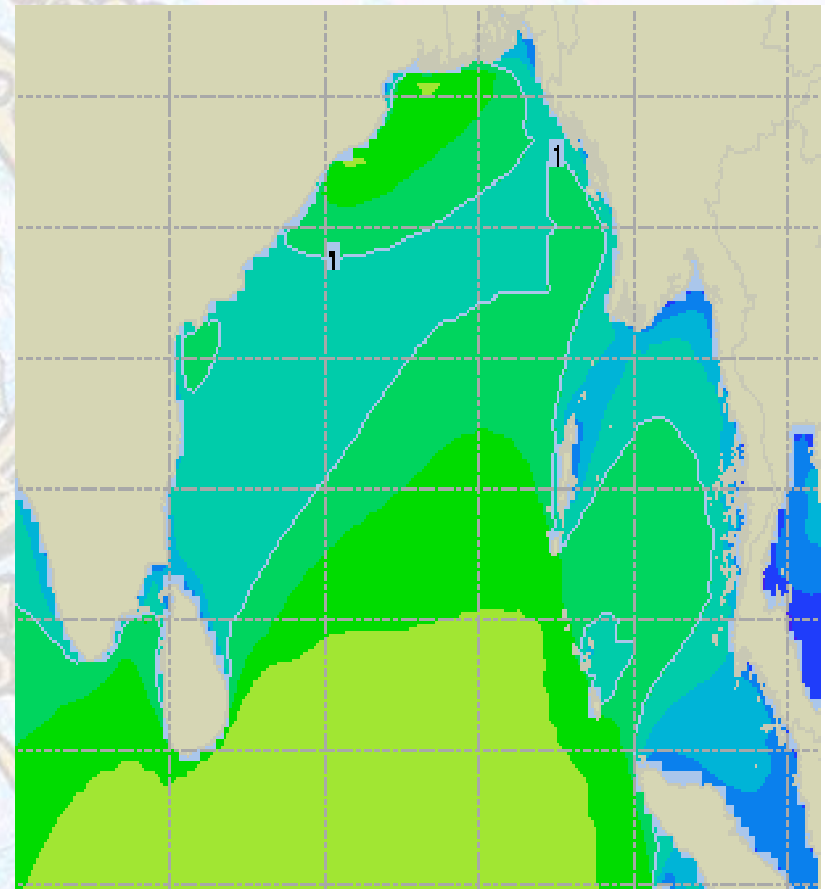


Sea State Forecast – 18 & 19 Apr - 2021

18 Apr 21 Sunday



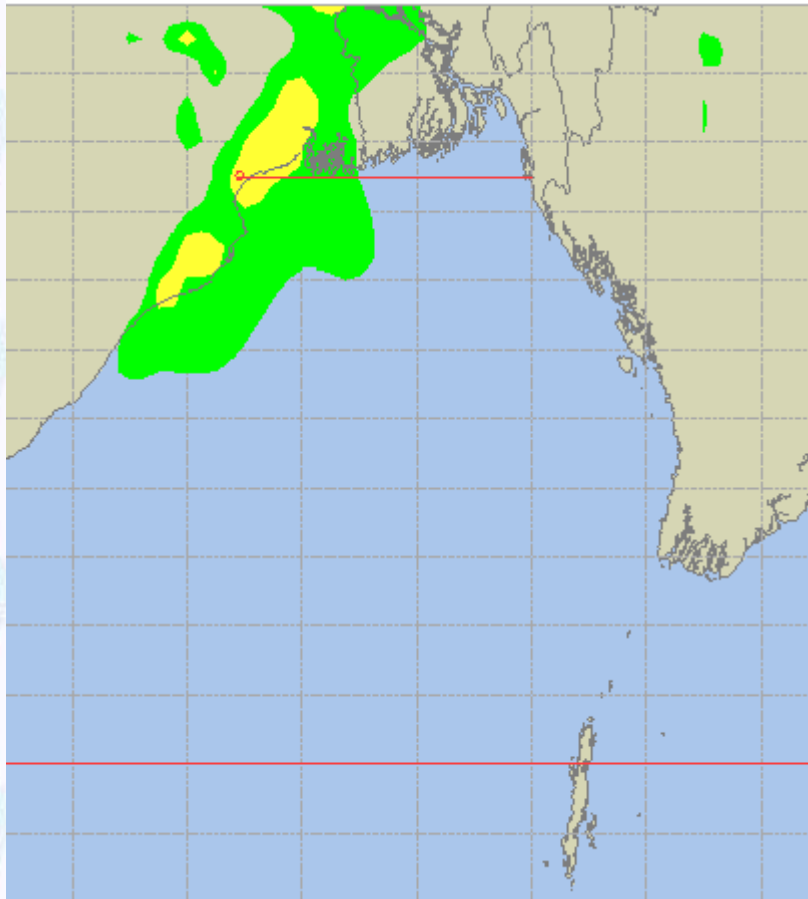
19 Apr 21 Monday



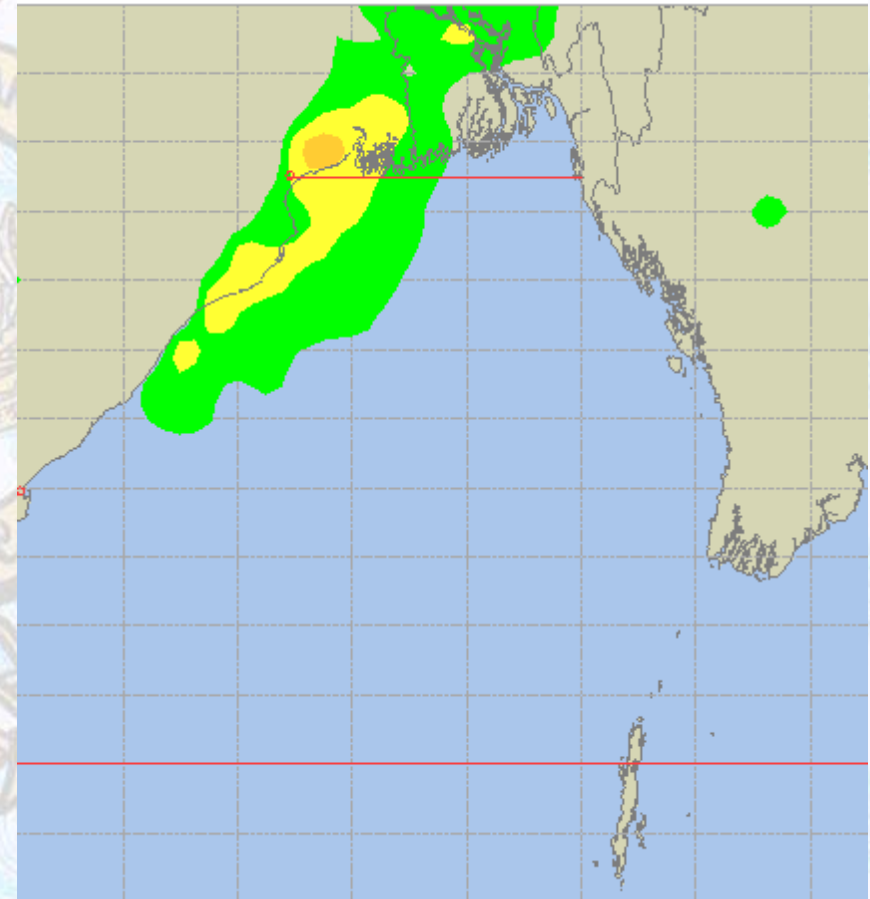


Peak Gusting Possibilities– 17 & 18 Apr 2021

17 Apr 21 Saturday



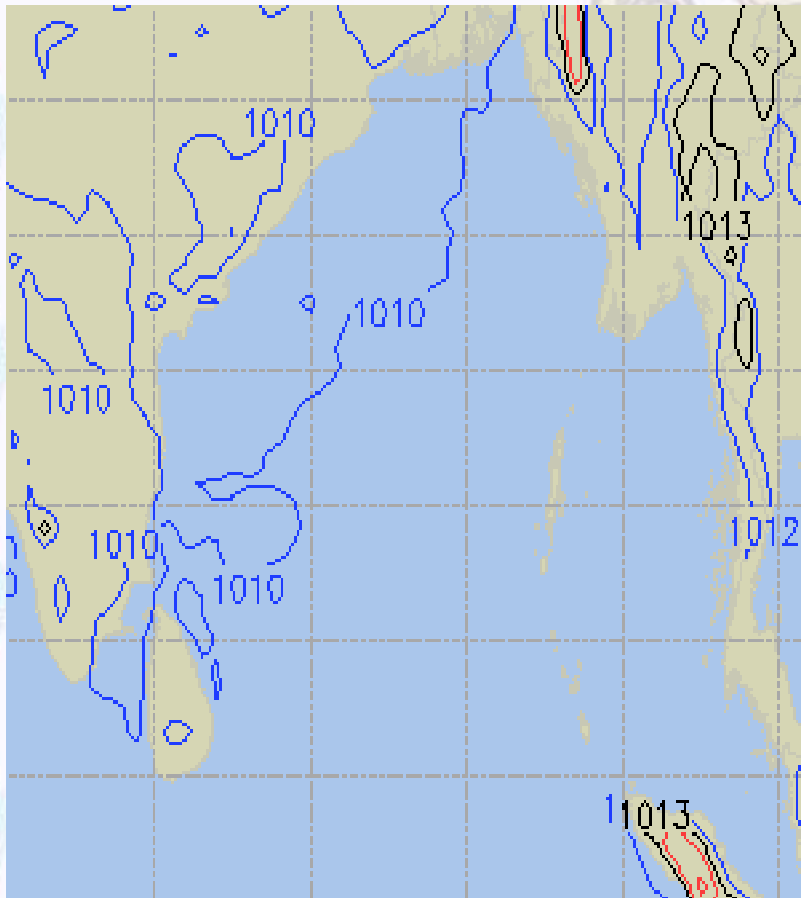
18 Apr 21 Sunday



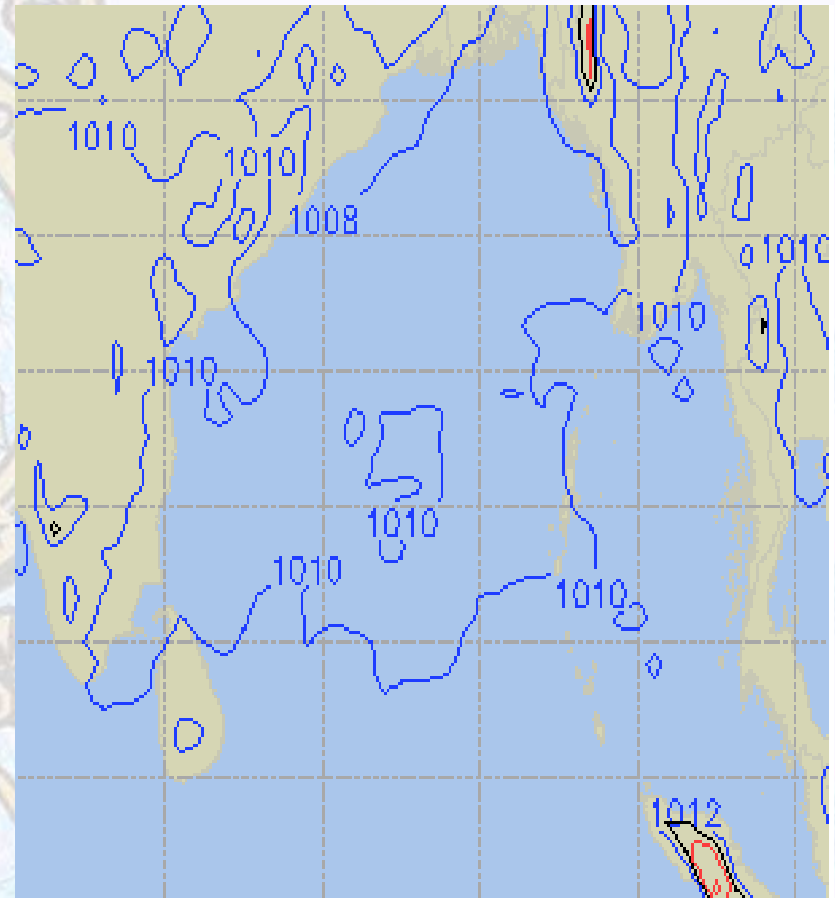


Surface Pressure forecast – 17 & 18 Apr 2021

17 Apr 21 Saturday



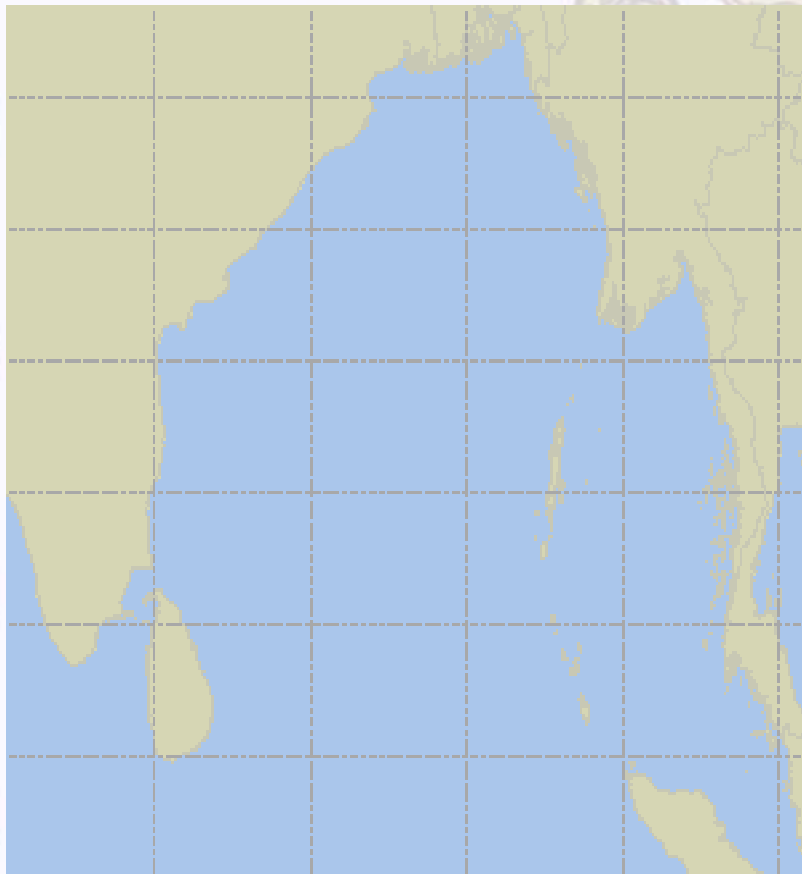
18 Apr 21 Sunday



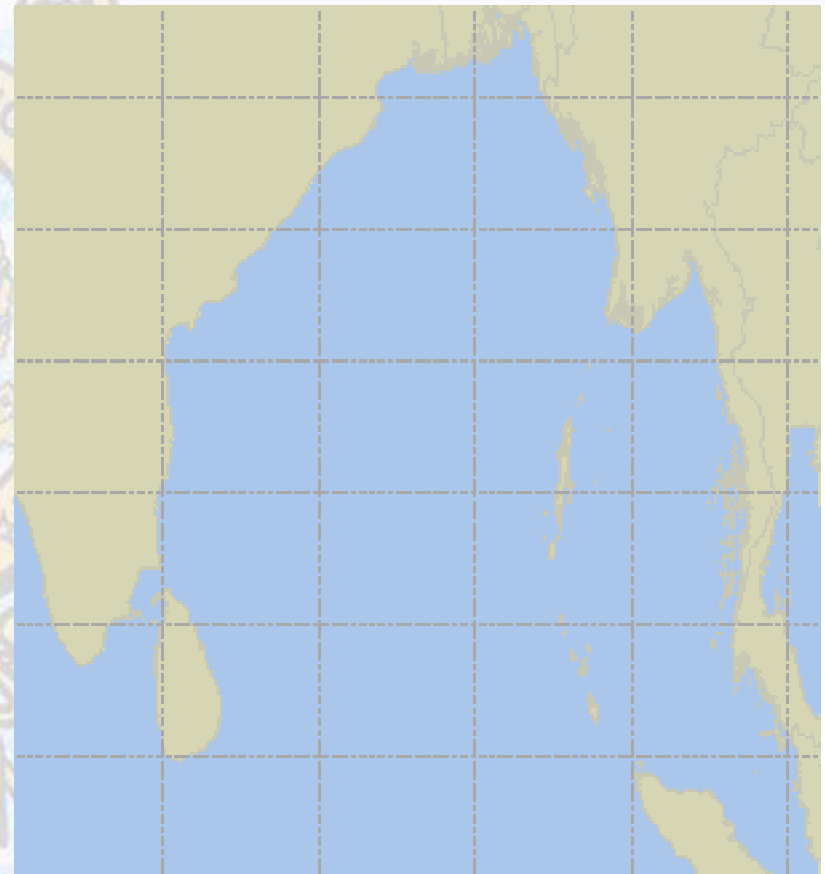


Visibility at Sea Forecast – 17 & 18 Apr 2021

17 Apr 21 Saturday



18 Apr 21 Sunday



Visibility Scale:

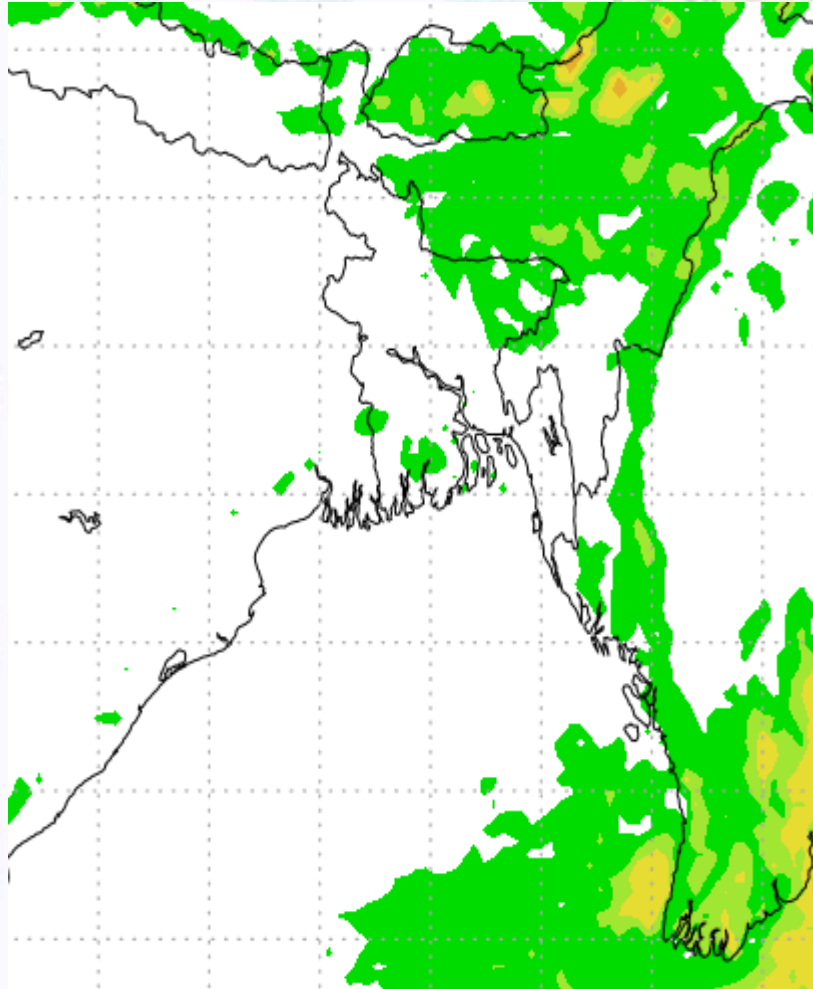


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

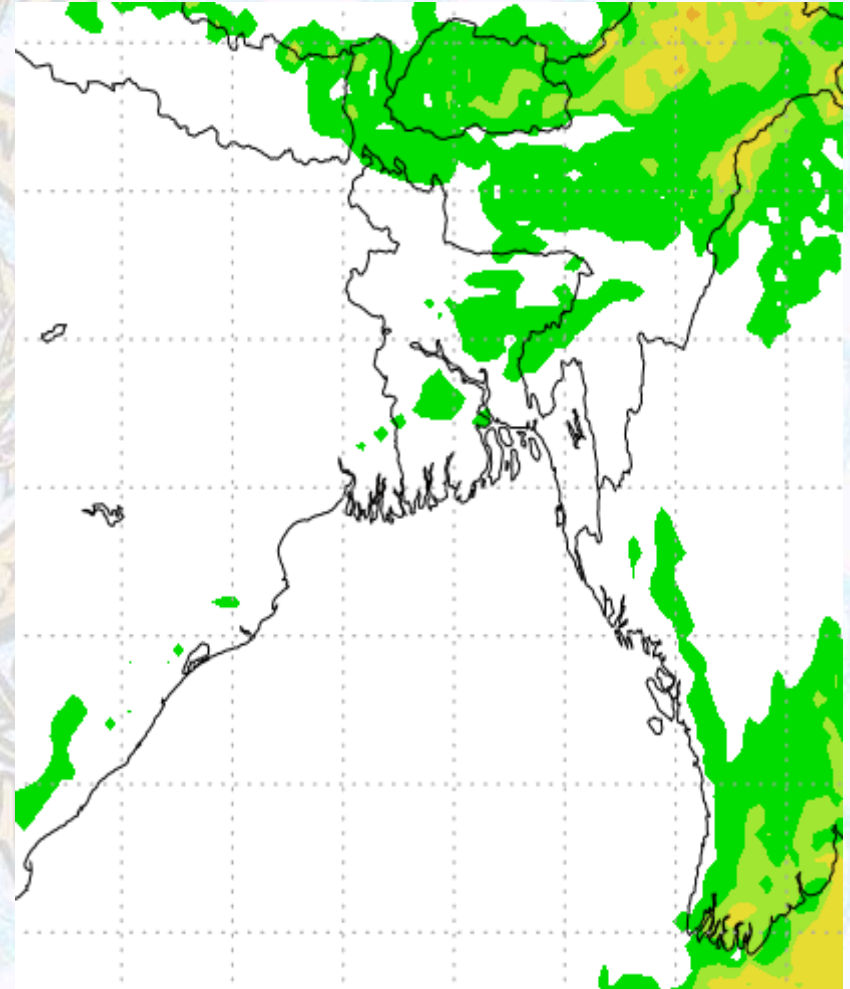


Precipitation

Rain(mm) 17 & 18 Apr 21



Rain(mm) 18 & 19 Apr 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0325		4.04			0113	2.76
17 Apr 2021	0943	0.62		0730	0.51		0706	0.69
	1541	4.23		1338	2.91		1321	2.72
	2212	0.87		1958	0.65		1941	0.96
18 Apr 2021	Time	Height		Time	Height		Time	Height
	0405	3.79		0149	2.56		0134	2.40
	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
19 Apr 2021	Time	Height		Time	Height		Time	Height
	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