



WEATHER FORECAST FOR BN

15 - 18 APR 2021



WEATHER FORECAST – DHAKA

15.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 23	35 / 22	32 / 23	29 / 23
Wind	16 km/h SSW	17 km/h SSW	15 km/h S	15 m/h S
Humidity	60%	49%	58%	68%
Chance of Precip	9%	1%	1%	5%
Cloud Cover	69%	72%	68%	74%
Conditions	Mostly Cloudy	Mostly Cloudy	Clear	Clear
Sunrise Sunset	05: 38 AM 18: 20 PM			

Conditions

Pressure : 1010 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

15.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 25	31 / 25	29 / 27	27 / 26
Wind	15 km/h SW	14 km/h SW	11 km/h WSW	7 km/h S
Humidity	69%	72%	89%	90%
Chance of Precip.	1%	2%	5%	7%
Cloud Cover	41%	33%	59%	82%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
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

15.04.2021

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	16 Apr 2021	17 Apr 2021	18 Apr 2021
Temperature (C)	34 °C/ 26 °C	35 °C/ 26 °C	35 °C/ 27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h 36m18s/18h20m54s	5h 35m24s/18h21m06s	5h 34m36s/18h21m42s
Day Length	12h44m12s	12h45m42s	12h47m06s
Moon Rise/ Set	8:12AM 10:02PM	8:56AM 10:55PM	9:43AM 11:48PM
Moon Phase/ illu	Waxing Crescent, 19%	Waxing Crescent, 27%	Waxing Crescent, 37%
Nautical Twilight	04:46, 19:10	04:46, 19:10	04:44, 19:11
Civil Twilight	05:13, 18:43	05:13, 18:43	05:11, 18:44
Humidity	D : 63% N : 72%	D : 62% N : 73%	D : 62% N : 72%
Barometer (mb)	1006	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	16%	22%	25%
Wind (km/hr)	13 Km/h, S	12 Km/h, S	13 Km/h, SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	16 Apr 2021	17 Apr 2021	18 Apr 2021
Temperature (C)	31 °C / 25 °C	31 °C / 26 °C	32 °C / 26 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h31m54s/ 18h13m18s	5h31m06s/ 18h13m54s	5h30m18s/ 18h14m30s
Day Length	12h41m24s	12h42m48s	12h44m12s
Moon Rise/ Set	8:10AM 9:53PM	8:53AM 10:46PM	9:41AM 11:39PM
Moon Phase/ illu	Waxing Crescent, 19%	Waxing Crescent, 27%	Waxing Crescent, 37%
NauticalTwilight	04:42, 19:02	04:42, 19:02	04:40, 19:03
Civil Twilight	05:09, 18:36	05:09, 18:36	05:07, 18:36
Humidity	D : 78% N : 92%	D : 79% N : 92%	D : 79% N : 93%
Barometer (mb)	1008	1009	1009
Visibility	Moderate	Moderate	Moderate
Precip Chance	20%	10%	6%
Wind (km/hr)	13 Km/h, SSW	13 Km/h, WSW	15 Km/h, SW

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



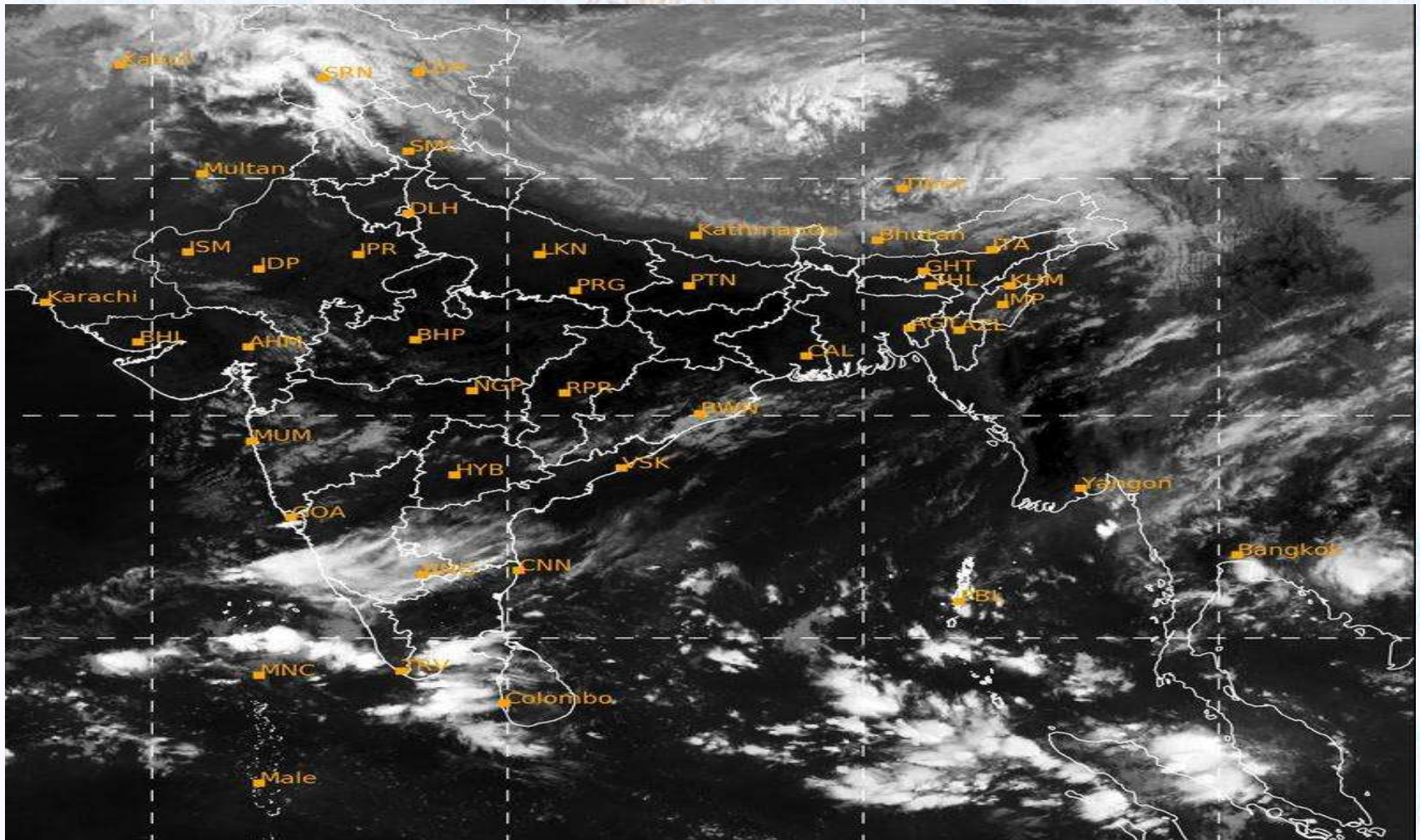
GENERAL WEATHER FORECAST – KHULNA

Description	16 Apr 2021	17 Apr 2021	18 Apr 2021
Temperature(C)	34°C/ 26°C	35°C/ 27°C	34°C/ 28°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h40m36s/ 18h23m00s	5h39m42s/ 18h23m30s	5h38m54s/ 18h24m06s
Day Length	12h 42m 24s	12h 43m 48s	12h 45m 12s
Moon Rise/Set	8:18AM 10:03PM	9:01AM 10:57PM	9:49AM 11:49PM
Moon Phase/illu	Waxing Crescent, 19%	Waxing Crescent, 27%	Waxing Crescent, 37%
Nautical Twilight	04:50, 19:12	04:50, 19:12	04:49, 19:13
Civil Twilight	05:17, 18:45	05:17, 18:45	05:16, 18:46
Humidity	D : 67% N : 88%	D : 69% N : 86%	D : 70% N : 87%
Barometer (mb)	1007	1008	1009
Visibility	Moderate	Moderate	Moderate
Precip Chance	16%	13%	8%
Wind (km/hr)	13 Km/h, SSW	13 Km/h, SSW	15 Km/h, SSW

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



SATELLITE VIEW OF BAY OF BENGAL

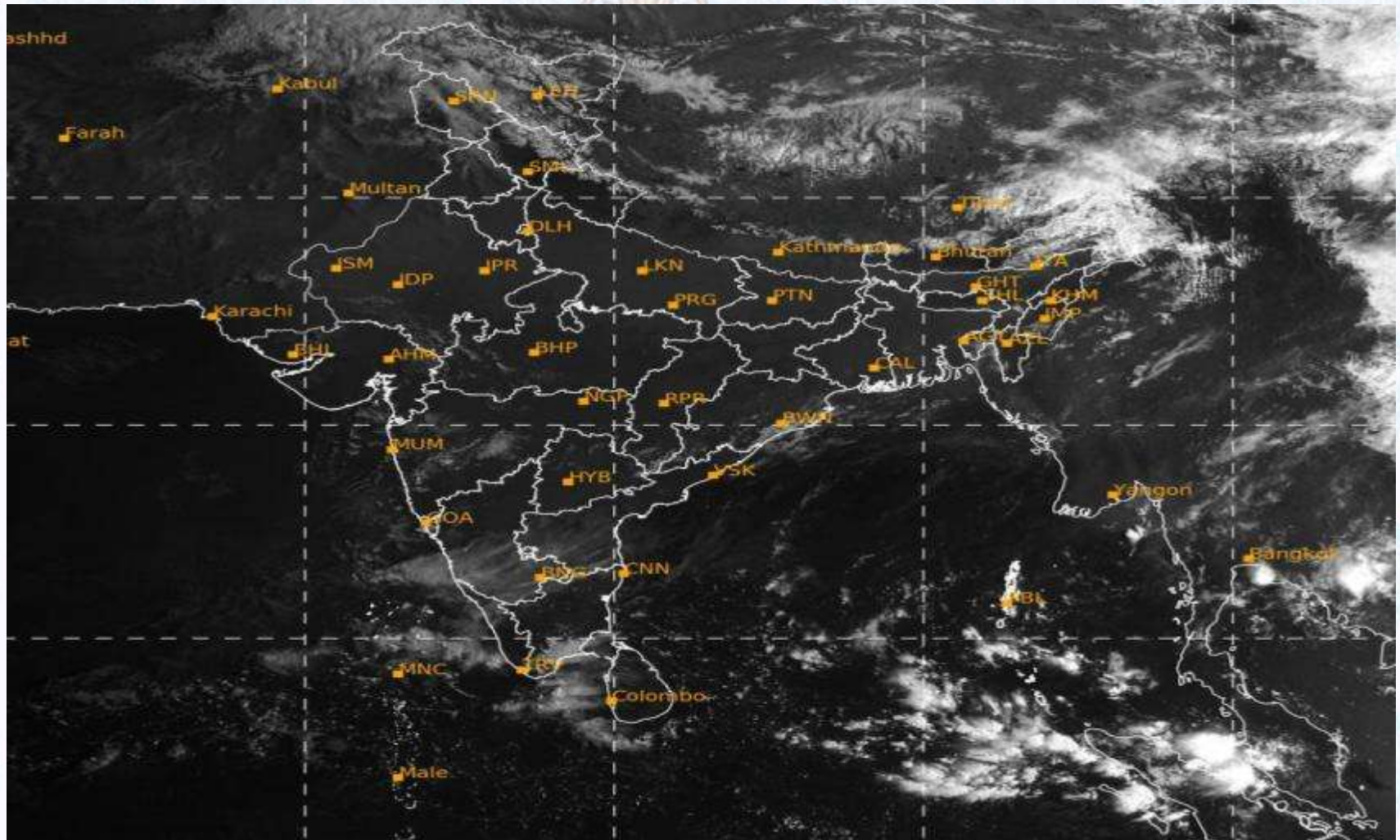


15/04/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



15/04/2021, 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 15.04.2021)

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, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 15,0000 UTC. CHATTOGRAM =1011 HPA



Inland River Port Warning (VALID TILL 06 PM OF 15.04.2020)

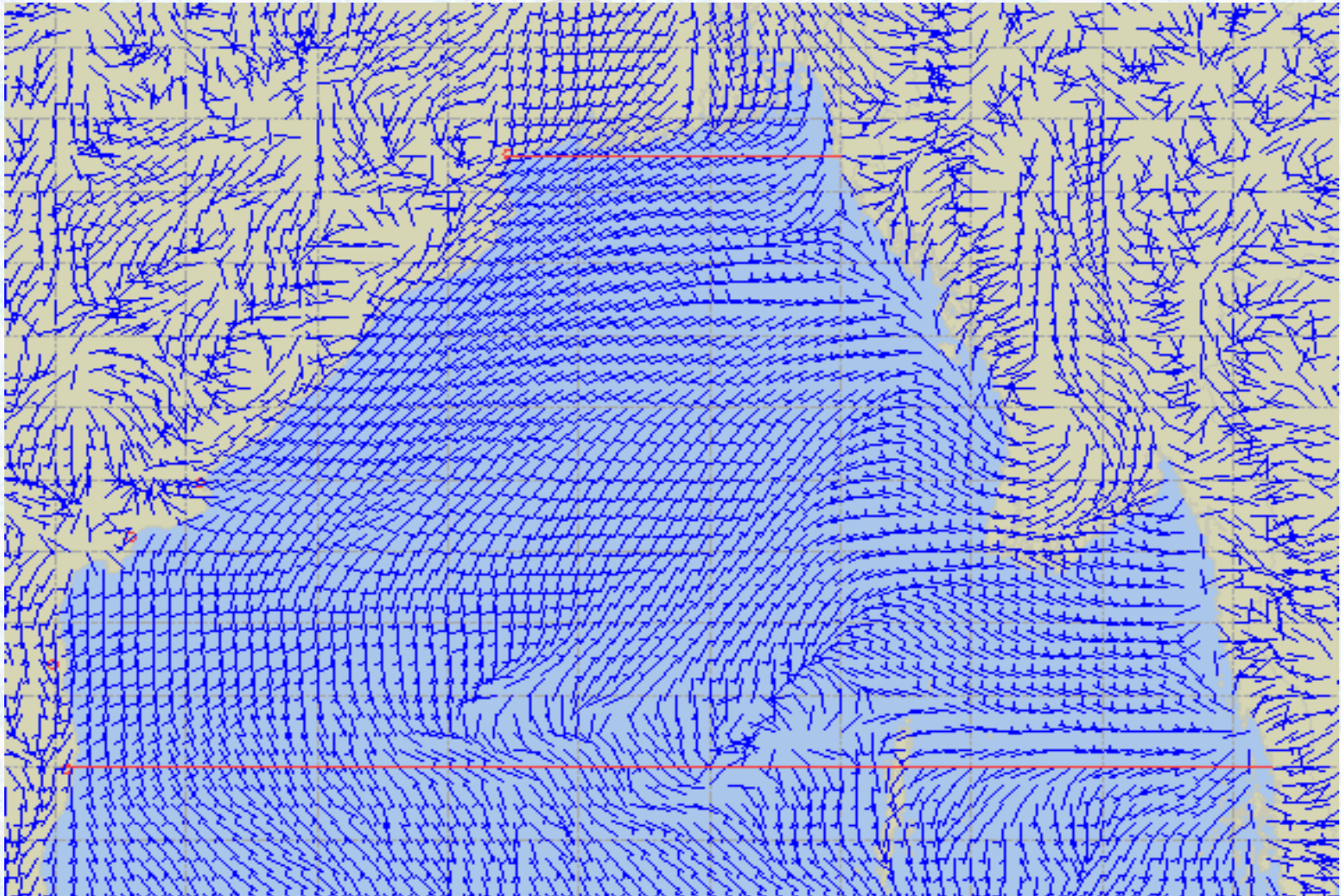
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 16 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



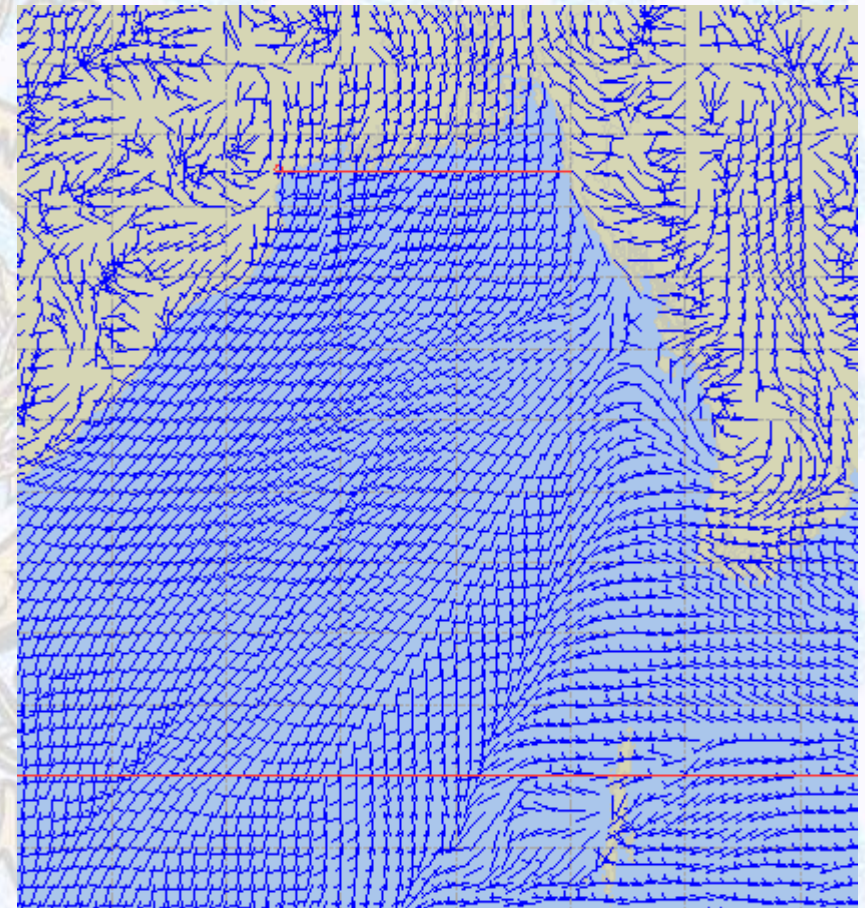
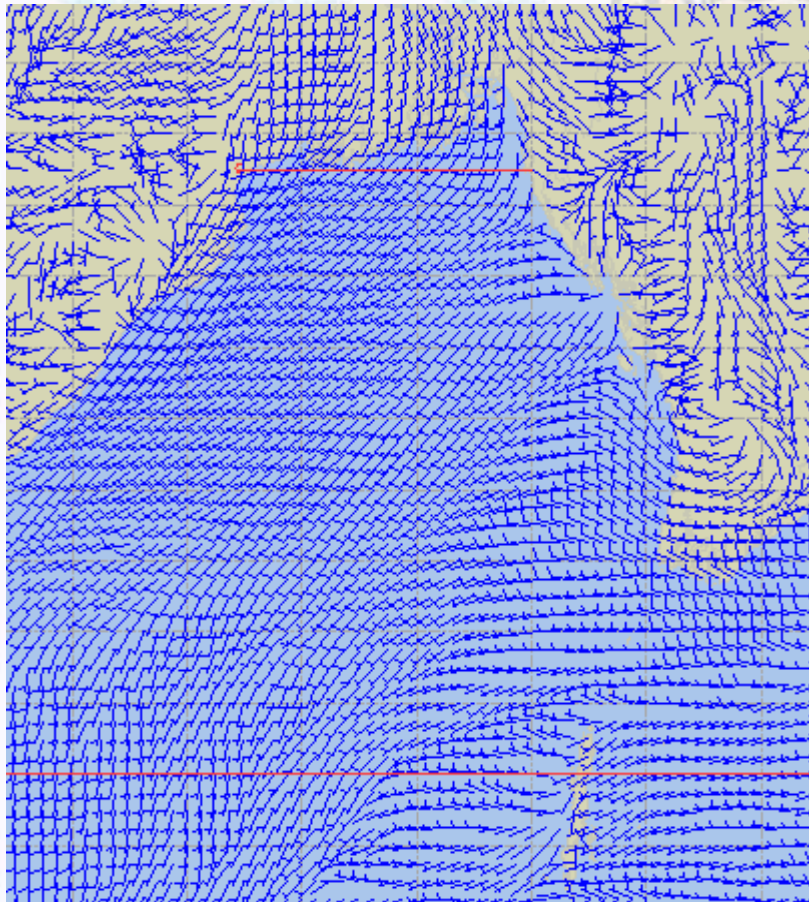
60 Knots



Surface Wind Forecast – 17 & 18 Apr - 2021

17 Apr 21 Saturday

18 Apr 21 Sunday



Legend:



Calm
Winds



5 Knots



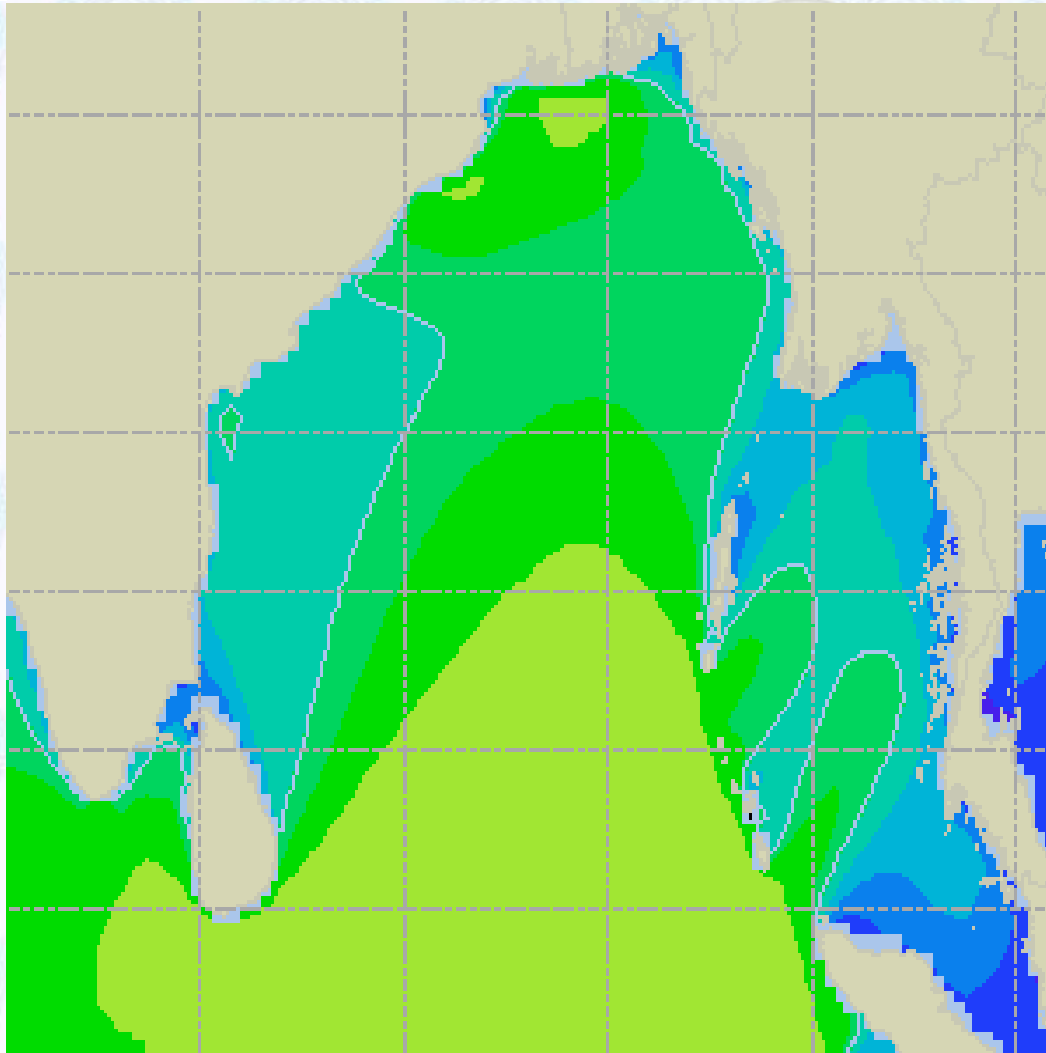
10 Knots



60 Knots



Sea State Forecast – 16 Apr - 2021



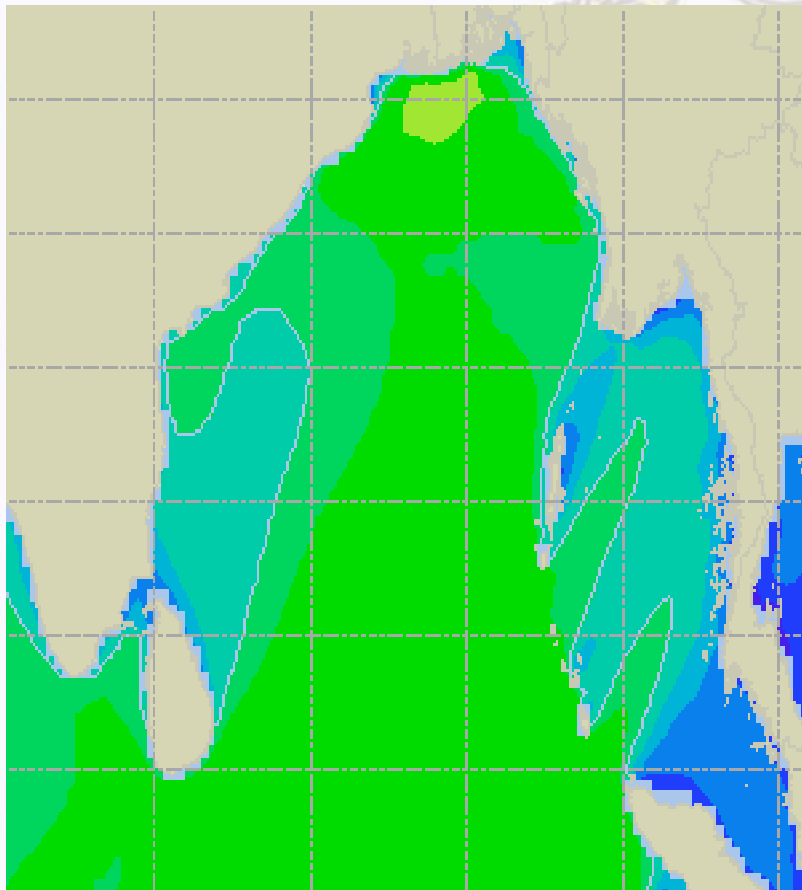
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



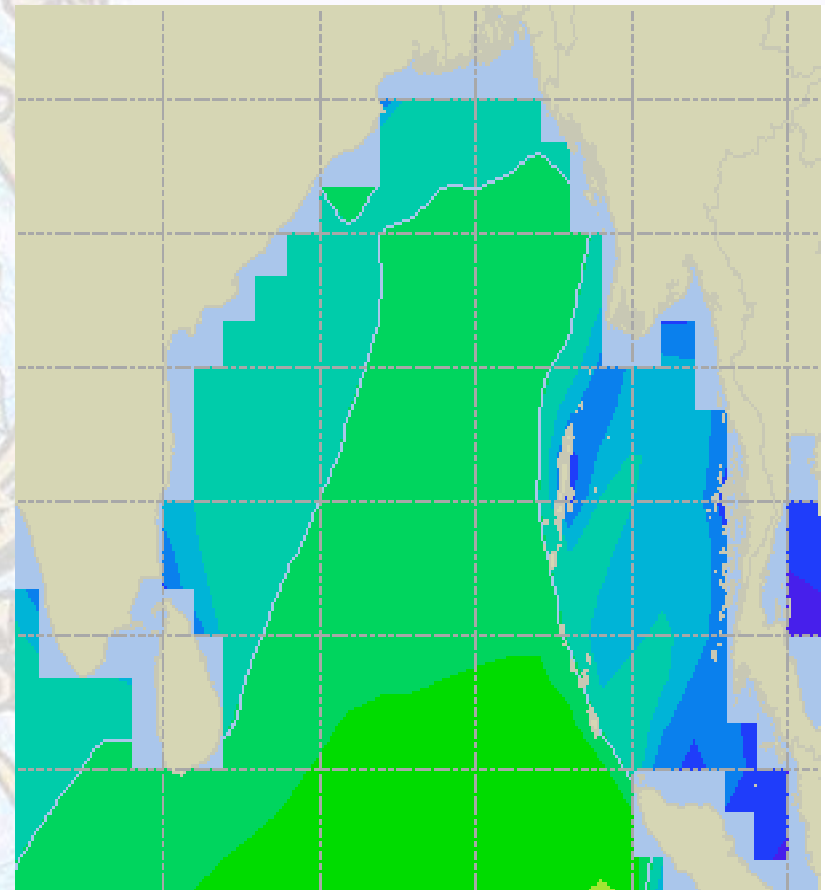


Sea State Forecast – 17 & 18 Apr - 2021

17 Apr 21 Saturday



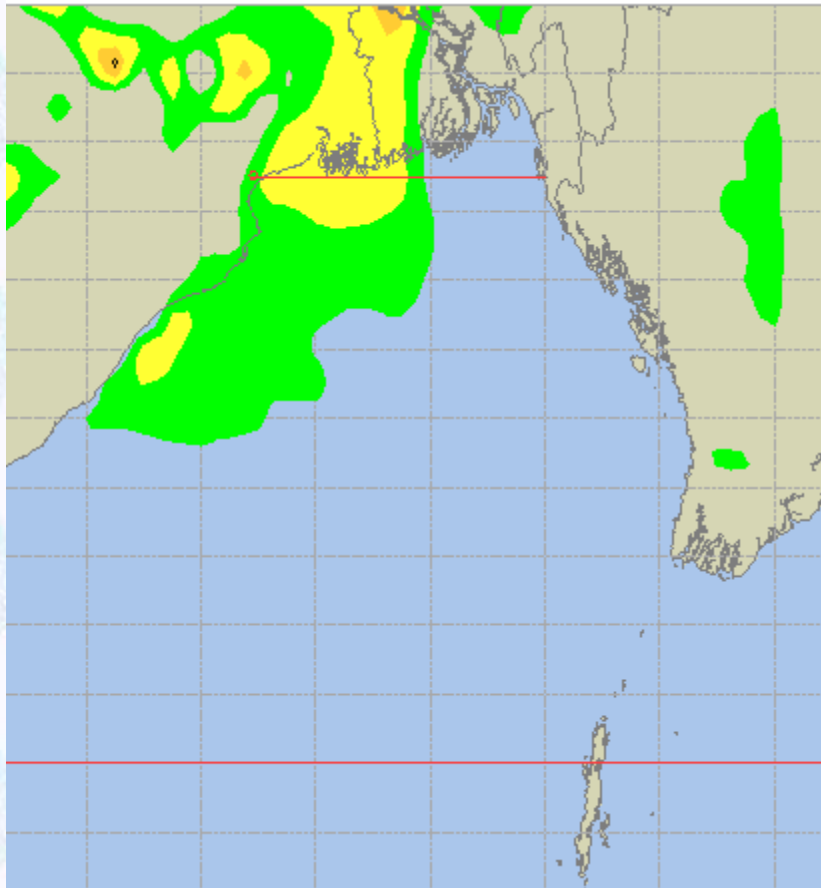
18 Apr 21 Sunday



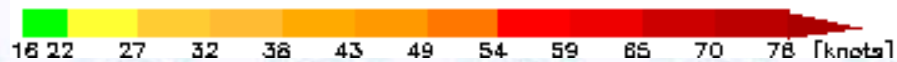
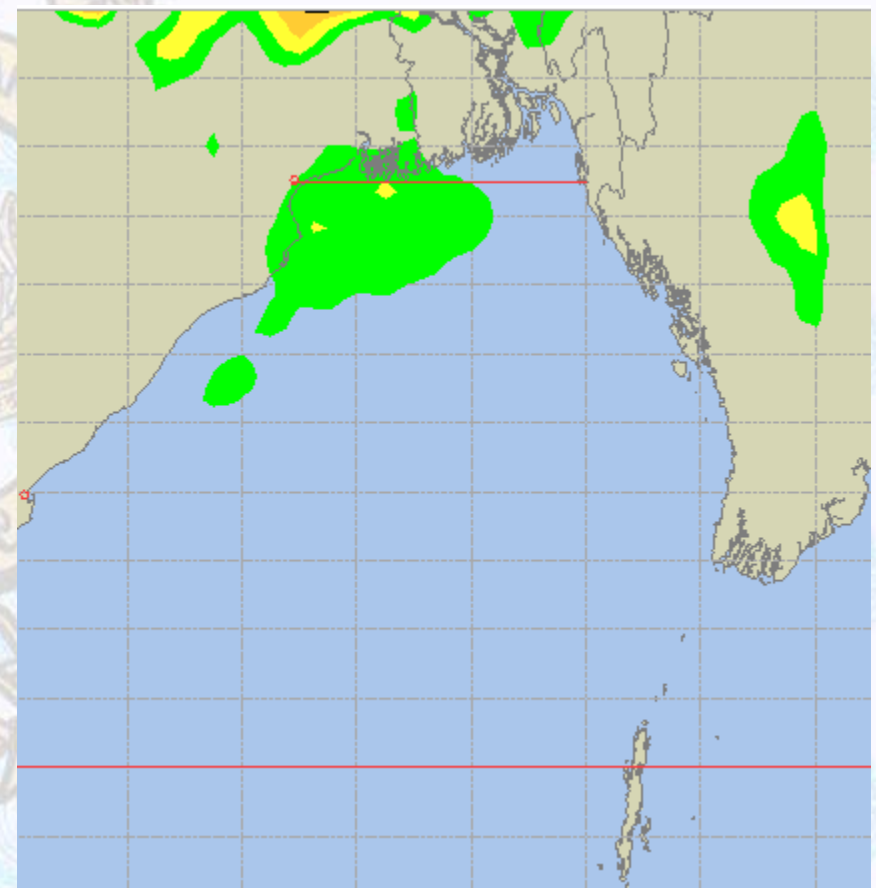


Peak Gusting Possibilities– 16 & 17 Apr 2021

16 Apr 21 Friday



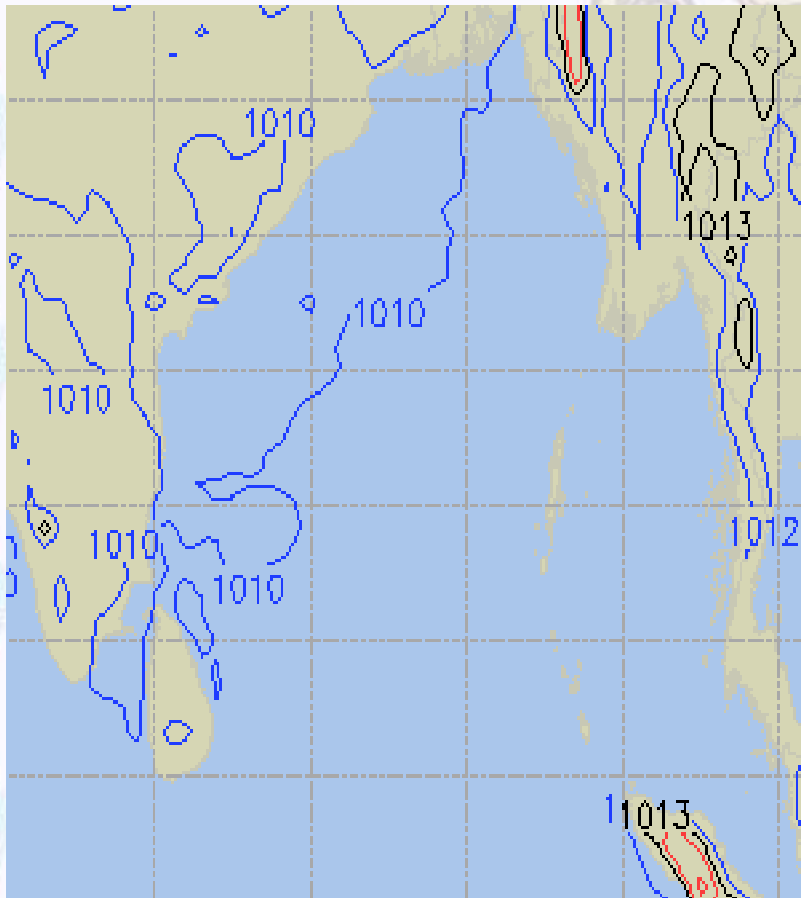
17 Apr 21 Saturday



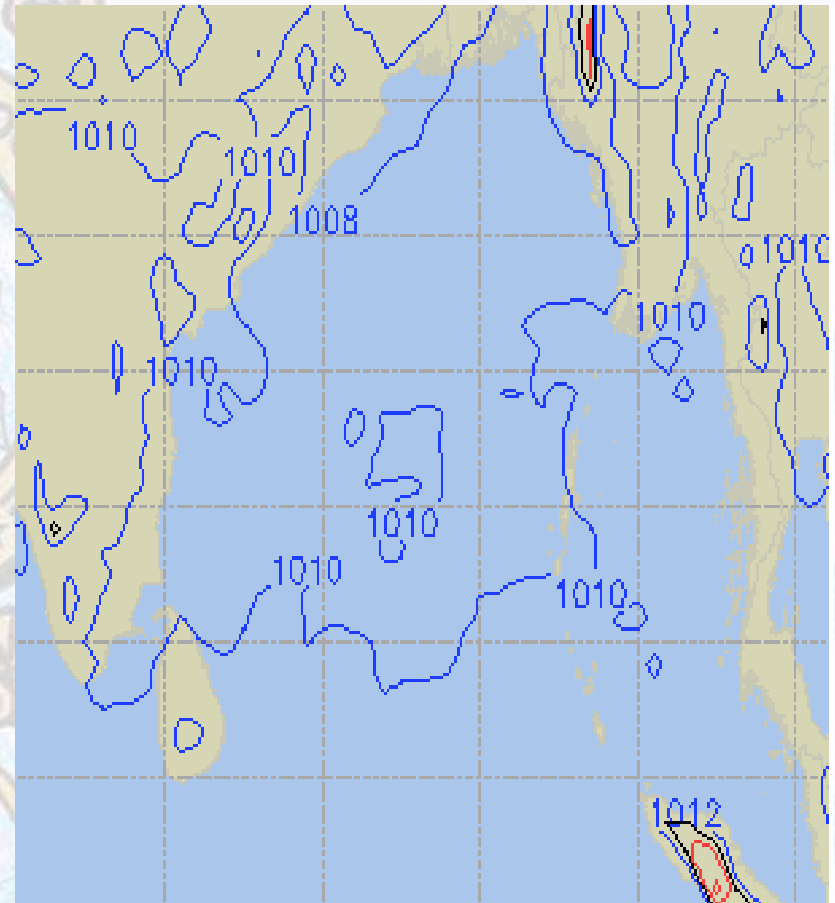


Surface Pressure forecast – 16 & 17 Apr 2021

16 Apr 21 Friday



17 Apr 21 Saturday

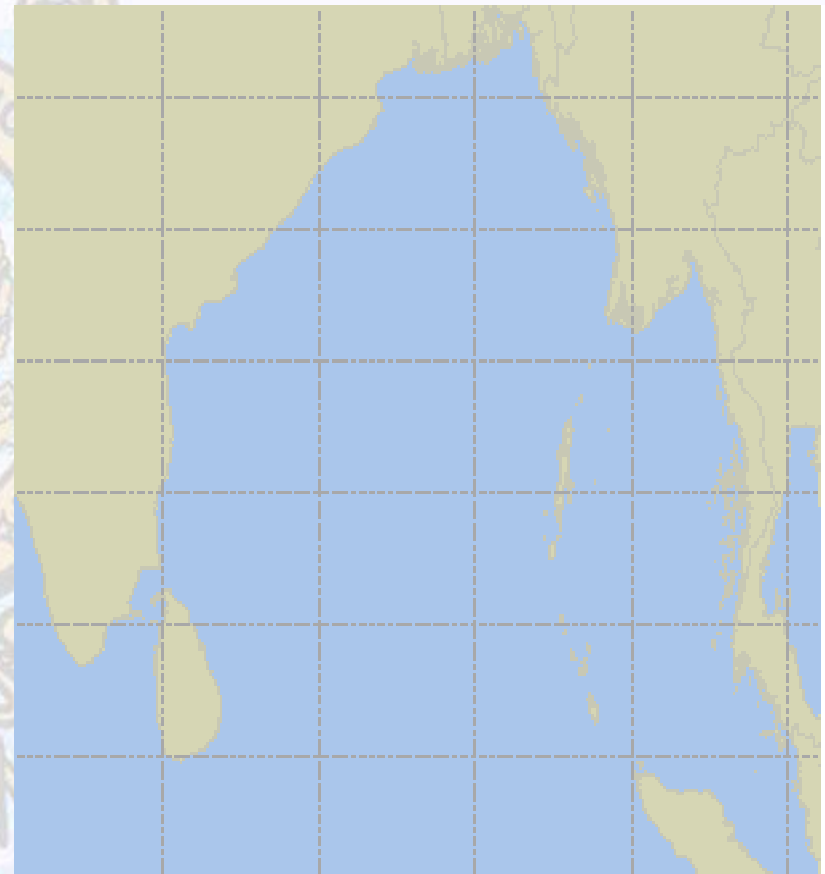
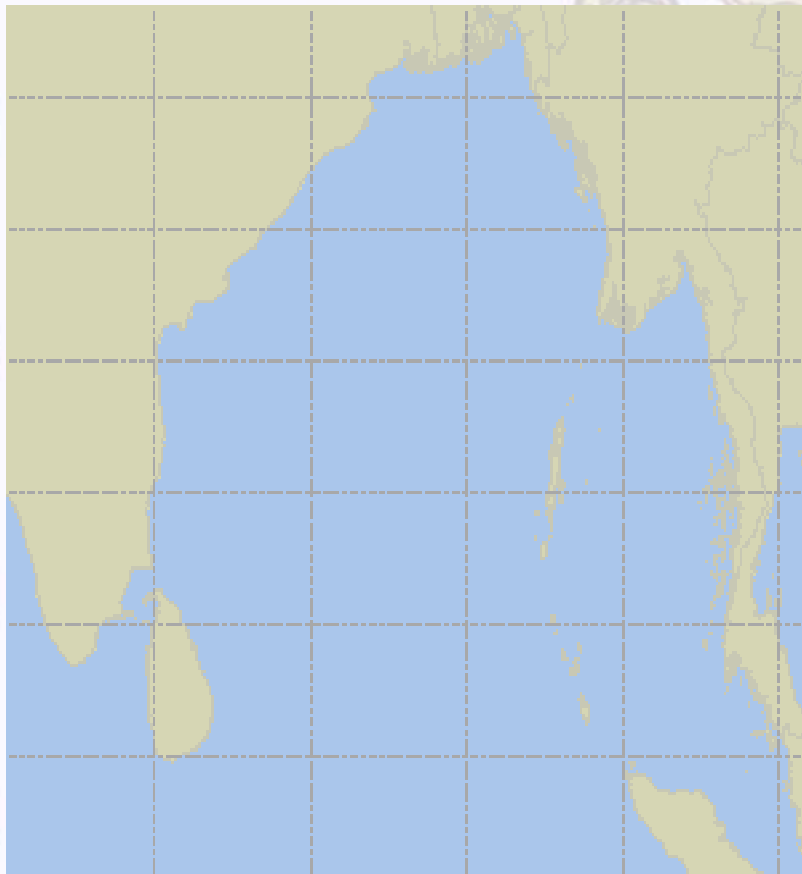




Visibility at Sea Forecast – 16 & 17 Apr 2021

16 Apr 21 Friday

17 Apr 21 Saturday



Visibility Scale:

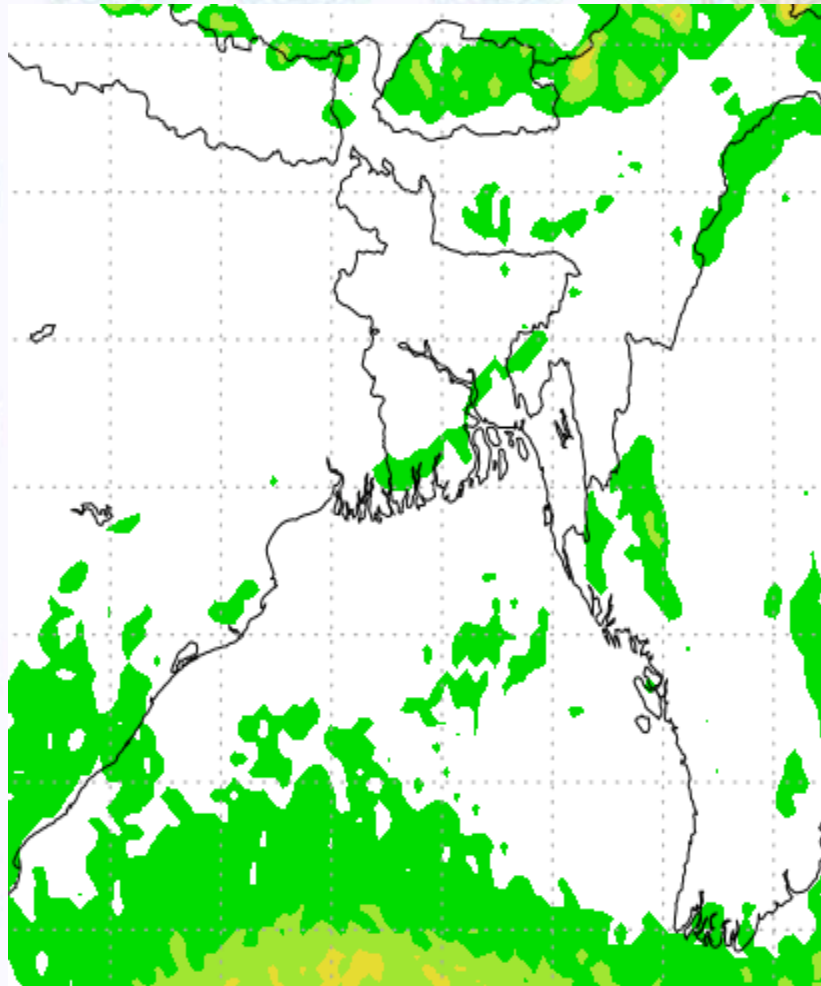


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

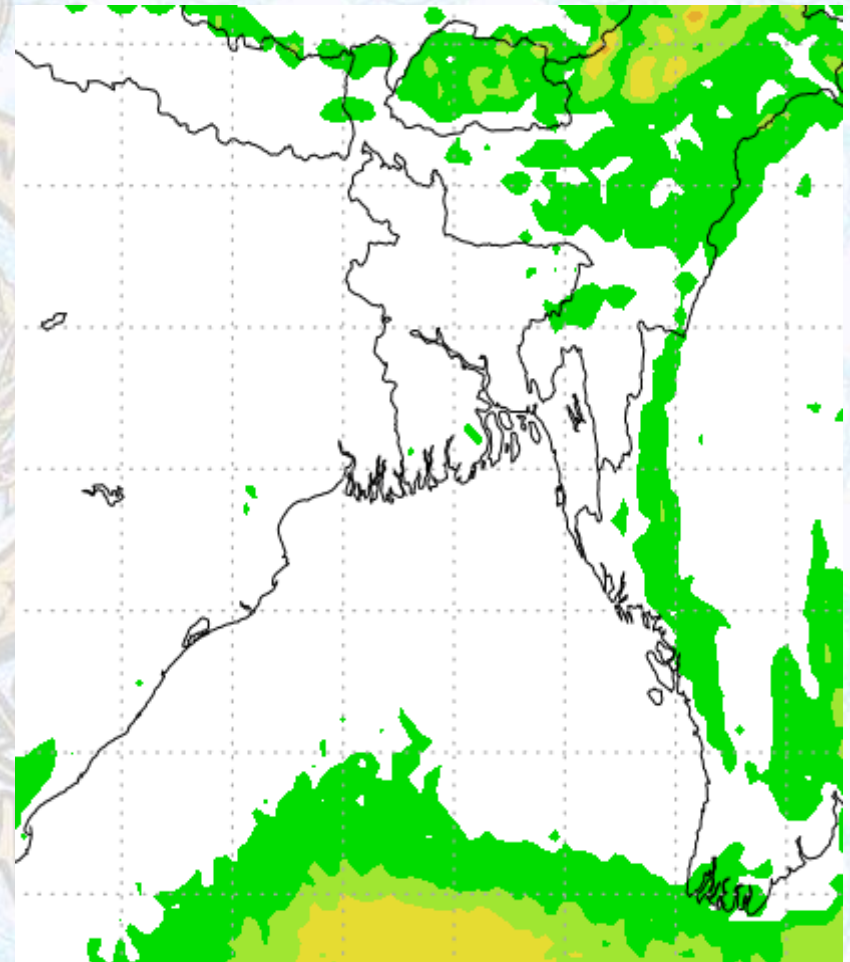


Precipitation

Rain(mm) 16 & 17 Apr 21



Rain(mm) 17 & 18 Apr 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0252		4.24			0042	2.94
16 Apr 2021	0913	0.48		0703	0.39		0638	0.57
	1506	4.39		1304	3.07		1249	2.81
	2138	0.71		1925	0.52		1908	0.82
17 Apr 2021	Time	Height		Time	Height		Time	Height
	0325	4.04		0113	2.76		0100	2.52
	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