



WEATHER FORECAST FOR BN

12 - 15 APR 2021





WEATHER FORECAST – DHAKA

12.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 22	35 / 22	32 / 23	30 / 23
Wind	12 km/h SW	14 km/h SW	9 km/h SSW	10 m/h SSW
Humidity	50%	44%	57%	64%
Chance of Precip	40%	34%	2%	2%
Cloud Cover	50%	45%	49%	39%
Conditions	Cloudy / Rain	Cloudy	Cloudy	Cloudy
Sunrise Sunset	05: 40 AM 18: 18 PM			

Conditions

Pressure : 1012 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

12.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 25	31 / 25	29 / 27	28 / 26
Wind	12 km/h WSW	13 km/h WSW	11 km/h W	5 km/h WSW
Humidity	74%	70%	90%	90%
Chance of Precip.	1%	1%	6%	8%
Cloud Cover	29%	3%	2%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	05: 36 AM			
Sunset	18: 11 PM			

Conditions

Pressure : 1012 hpa

Visibility : 4.54 Km

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



WEATHER FORECAST – KHULNA

12.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36 / 22	36 / 21	31 / 23	29 / 24
Wind	8 km/h SW	9 km/h SSW	6 km/h WSW	9 m/h SSW
Humidity	45%	42%	62%	74%
Chance of Precip.	6%	84%	3%	3%
Cloud Cover	39%	76%	51%	23%
Conditions	Mostly Cloudy	Rain	Mostly Cloudy	Cloudy
Sunrise Sunset	05: 44 AM 18: 21 PM			

Conditions

Pressure : 1012 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	13 Apr 2021	14 Apr 2021	15 Apr 2021
Temperature (C)	36 °C/ 26 °C	37 °C/ 27 °C	36 °C/ 27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h 39m00s/18h19m12s	5h 38m06s/18h19m30s	5h 37m06s/18h19m54s
Day Length	12h40m12s	12h41m24s	12h42m48s
Moon Rise/ Set	6:25AM 7:25PM	6:58AM 8:16PM	7:34AM 9:09PM
Moon Phase/ illu	Waxing Crescent, 2%	Waxing Crescent, 6%	Waxing Crescent, 12%
Nautical Twilight	04:50, 19:09	04:48, 19:09	04:47, 19:10
Civil Twilight	05:17, 18:40	05:15, 18:42	05:14, 18:43
Humidity	D : 58% N : 70%	D : 57% N : 70%	D : 61% N : 72%
Barometer (mb)	1009	1008	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	12%	5%	24%
Wind (km/hr)	10 Km/h, SW	13 Km/h, SSW	15 Km/h, S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	13 Apr 2021	14 Apr 2021	15 Apr 2021
Temperature (C)	32 °C / 26 °C	31 °C / 26 °C	31 °C / 26 °C
Summary	Sunny	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h34m24s/ 18h12m12s	5h33m36s/ 18h12m30s	5h32m42s/ 18h12m48s
Day Length	12h37m48s	12h38m54s	12h40m06s
Moon Rise/ Set	6:21AM 7:35PM	6:54AM 8:08PM	7:31AM 9:00PM
Moon Phase/ illu	Waxing Crescent, 2%	Waxing Crescent, 6%	Waxing Crescent, 12%
NauticalTwilight	04:46, 19:00	04:44, 19:02	04:43, 19:02
Civil Twilight	05:12, 18:35	05:11, 18:35	05:10, 18:35
Humidity	D : 77% N : 95%	D : 78% N : 95%	D : 78% N : 94%
Barometer (mb)	1011	1010	1010
Visibility	Moderate	Moderate	Moderate
Precip Chance	6%	10%	7%
Wind (km/hr)	14 Km/h, W	14 Km/h, SW	14 Km/h, SW

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



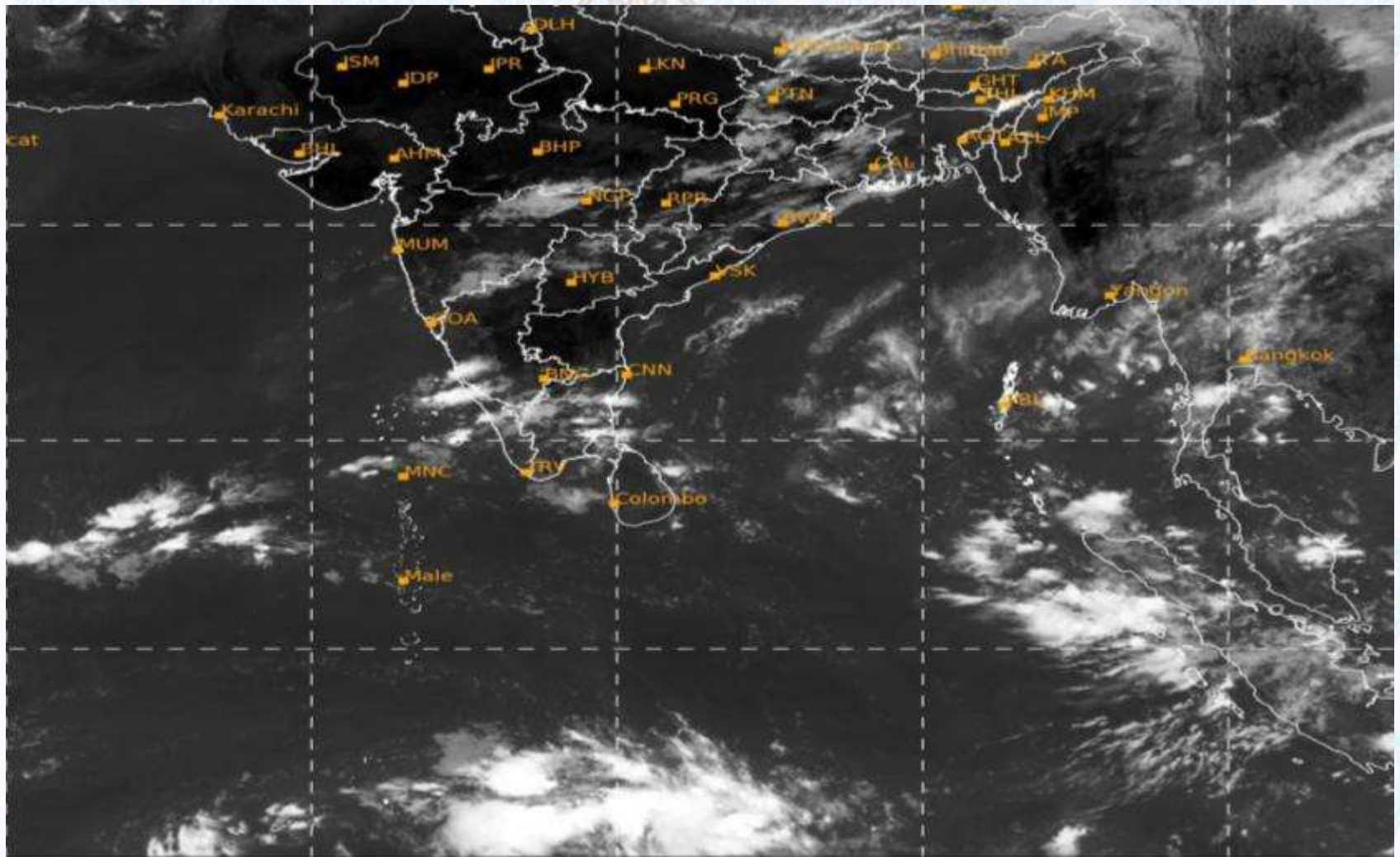
GENERAL WEATHER FORECAST – KHULNA

Description	13 Apr 2021	14 Apr 2021	15 Apr 2021
Temperature(C)	36°C/ 26°C	36°C/ 27°C	34°C/ 27°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	5h43m06s/ 18h21m42s	5h42m18s/ 18h22m06s	5h41m24s/ 18h22m24s
Day Length	12h 38m 36s	12h 39m 48s	12h 41m 00s
Moon Rise/Set	6:55AM 7:45PM	7:03AM 8:18PM	7:39AM 9:29PM
Moon Phase/illu	Waxing Crescent, 2%	Waxing Crescent, 6%	Waxing Crescent, 12%
Nautical Twilight	04:54, 19:09	04:52, 19:11	04:51, 19:12
Civil Twilight	05:21, 18:45	05:19, 18:44	05:18, 18:45
Humidity	D : 65% N : 87%	D : 65% N : 88%	D : 65% N : 88%
Barometer (mb)	1010	1009	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	6%	6%	6%
Wind (km/hr)	9 Km/h, SW	15 Km/h, SSW	16 Km/h, SSW

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



SATELLITE VIEW OF BAY OF BENGAL

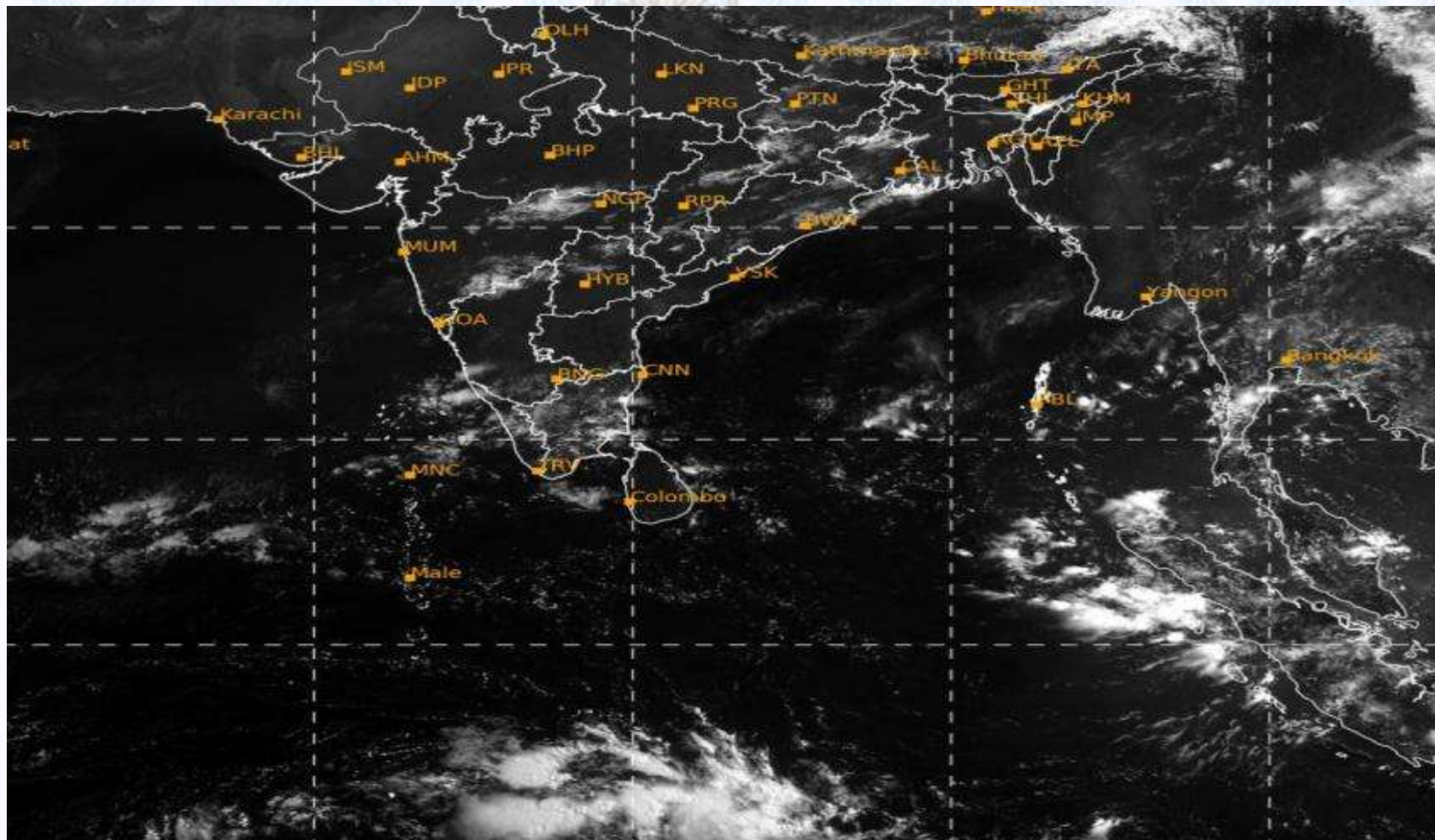


12/04/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



12/04/2021, 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 12.04.2021)

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 = 12,0000 UTC. CHATTOGRAM =1011 HPA



Inland River Port Warning (VALID TILL 06 PM OF 12.04.2020)

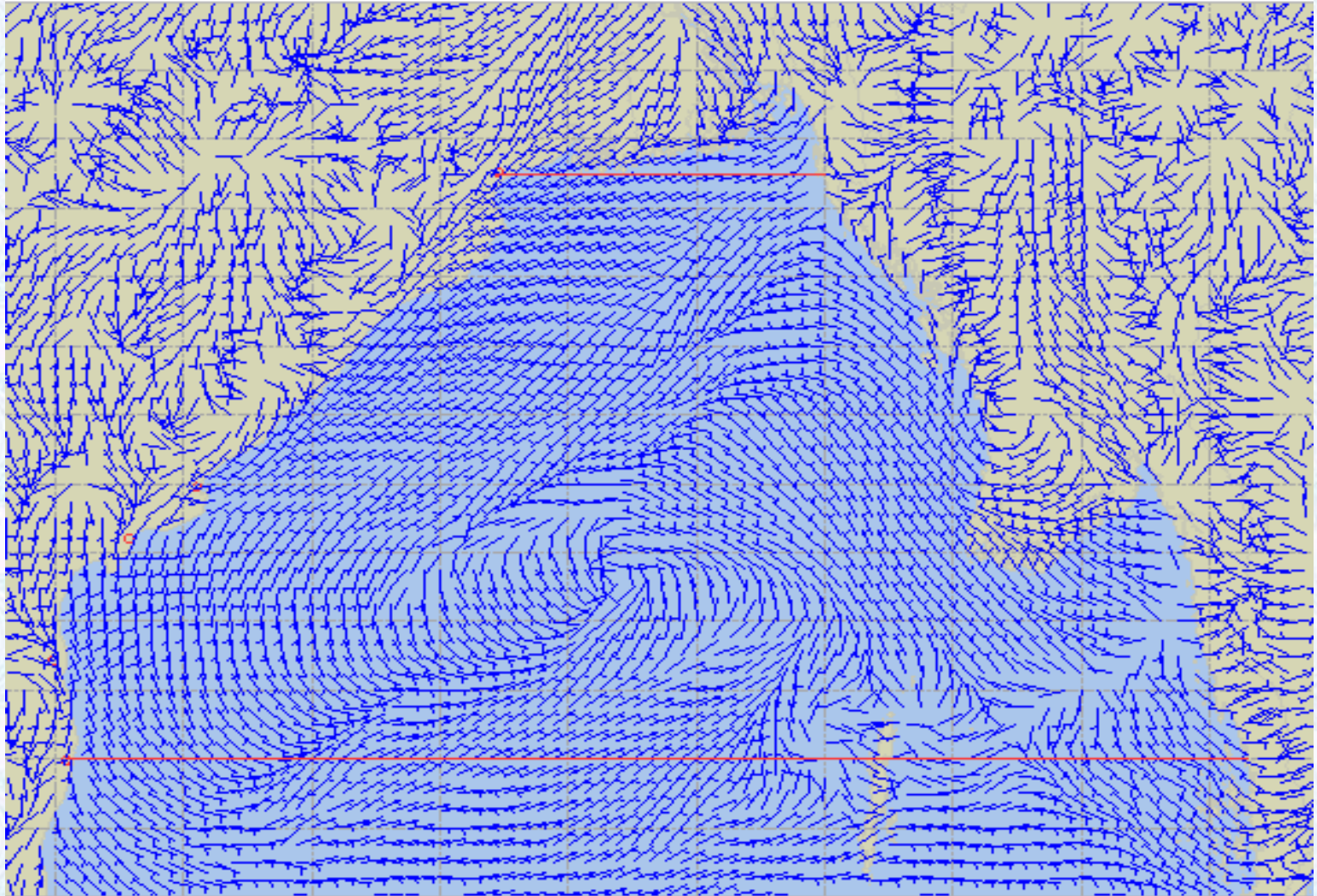
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 13 Apr - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



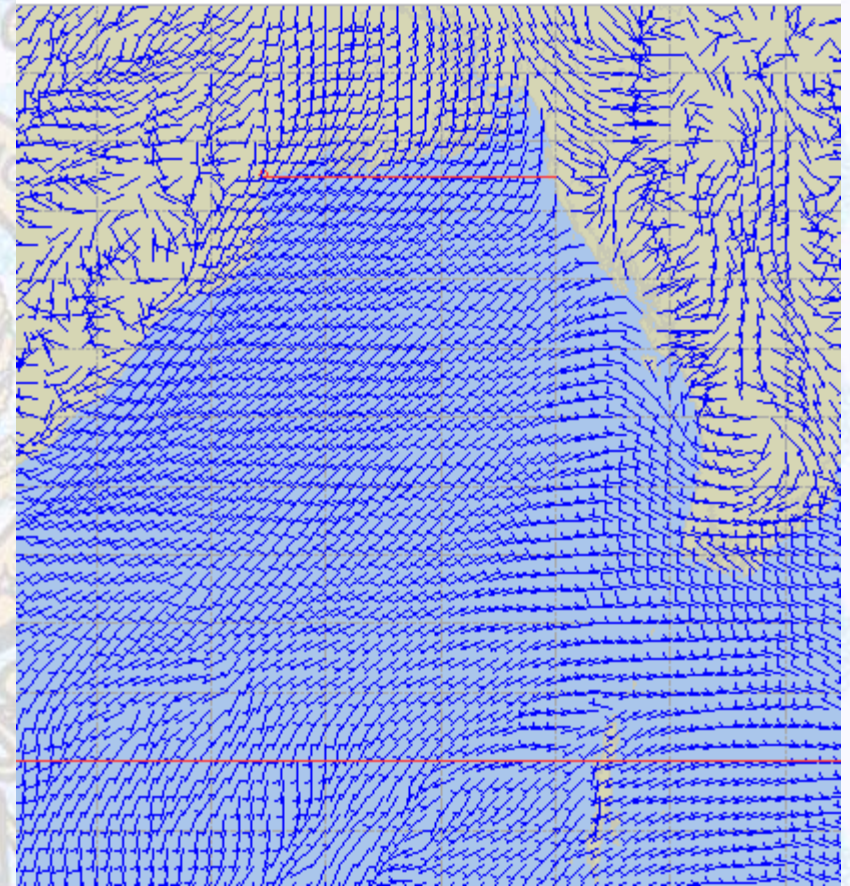
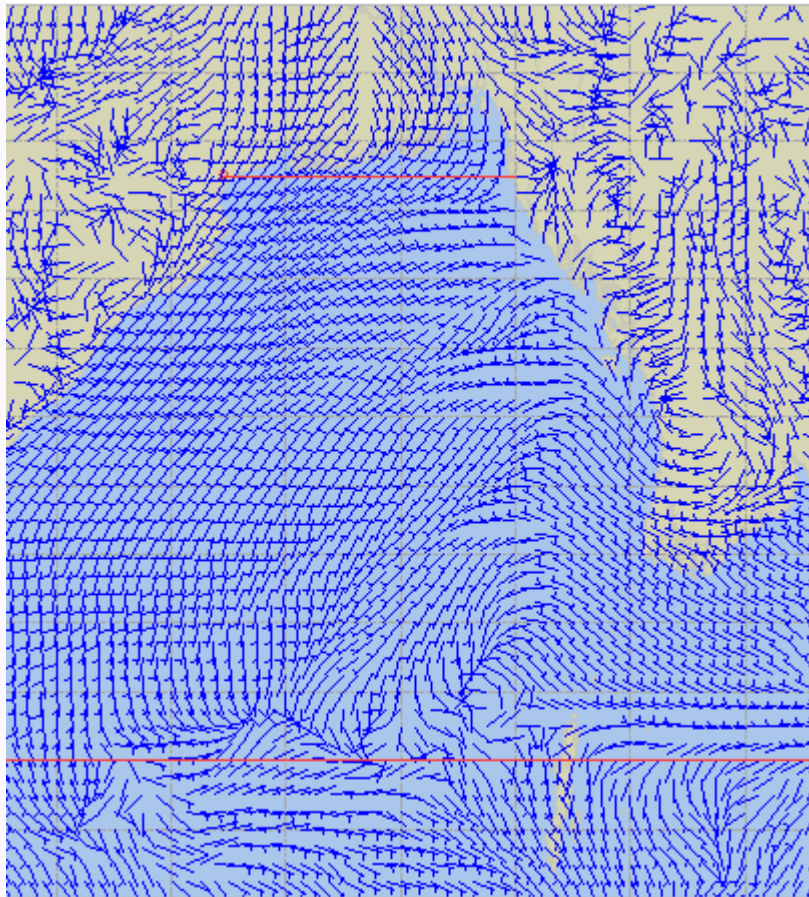
60 Knots



Surface Wind Forecast – 14 & 15 Apr - 2021

14 Apr 21 Wednesday

14 Apr 21 Thursday



Legend:



Calm
Winds



5 Knots



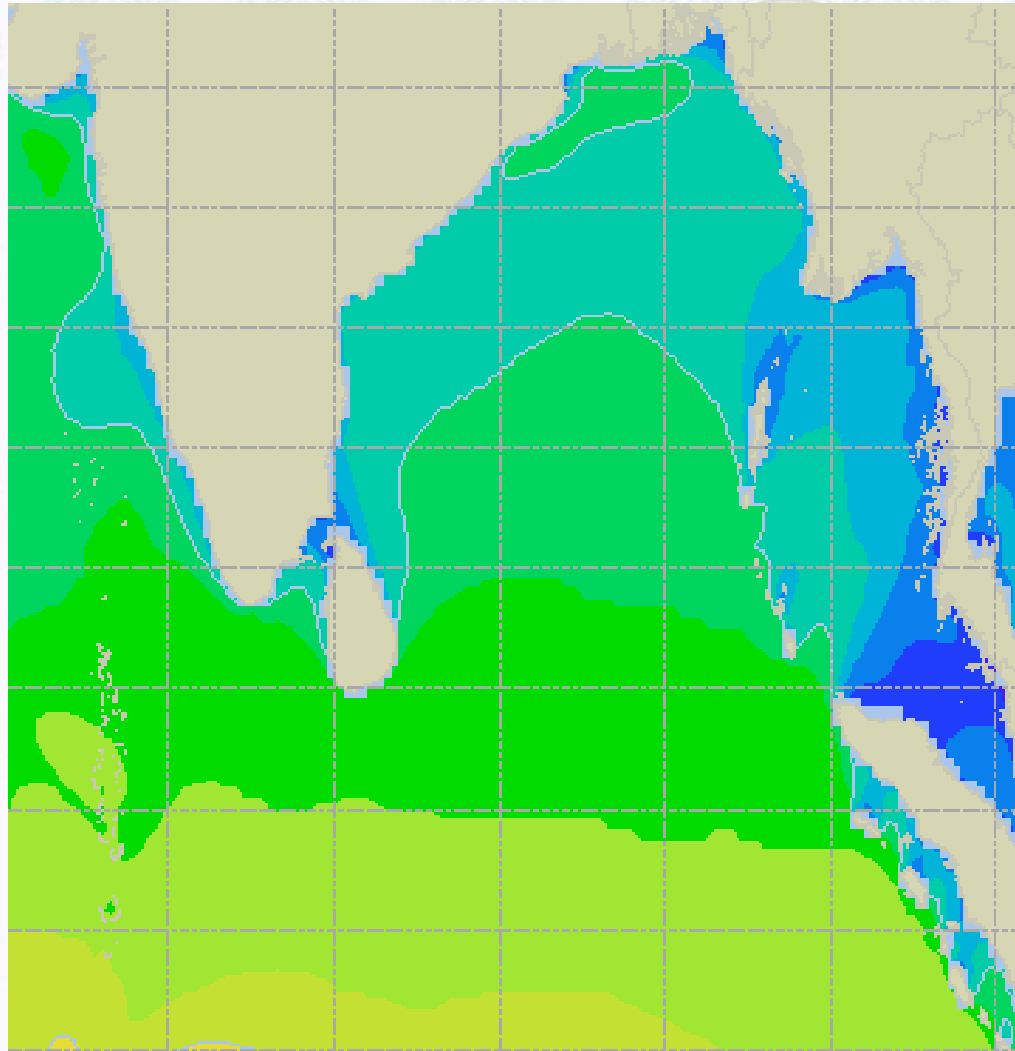
10 Knots



60 Knots



Sea State Forecast – 13 Apr - 2021



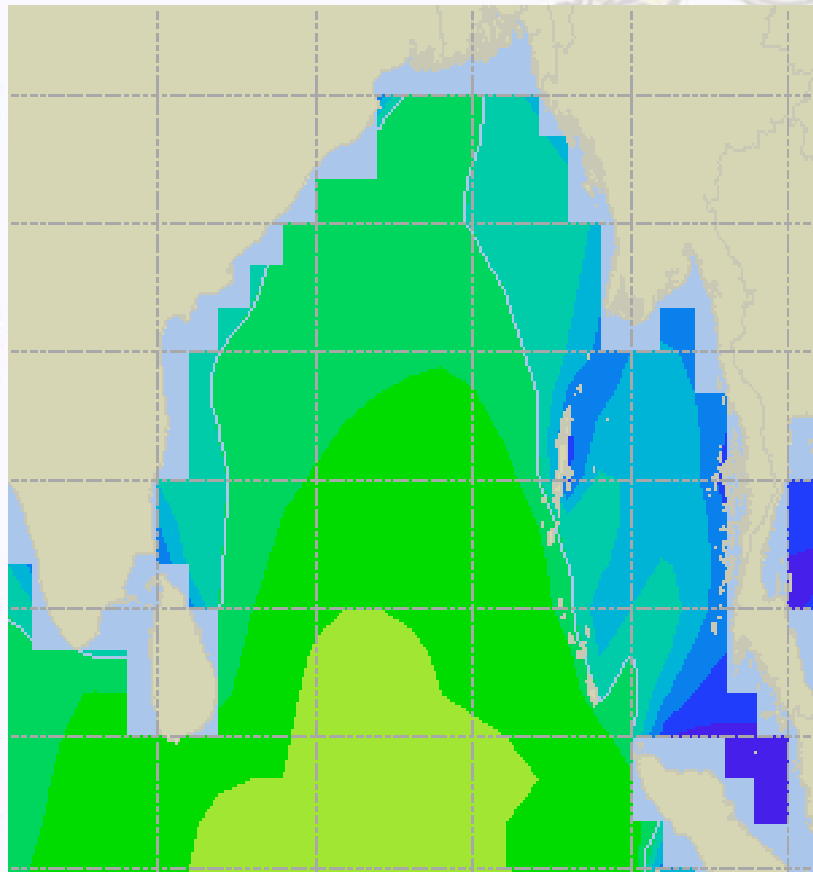
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



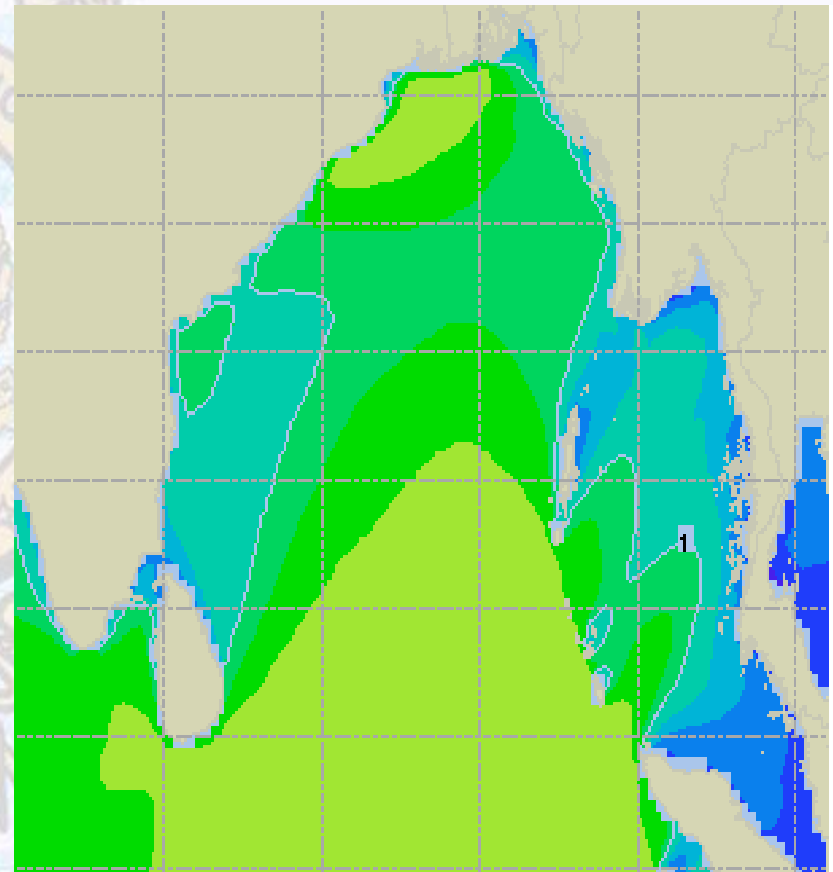


Sea State Forecast – 14 & 15 Apr - 2021

14 Apr 21 Wednesday



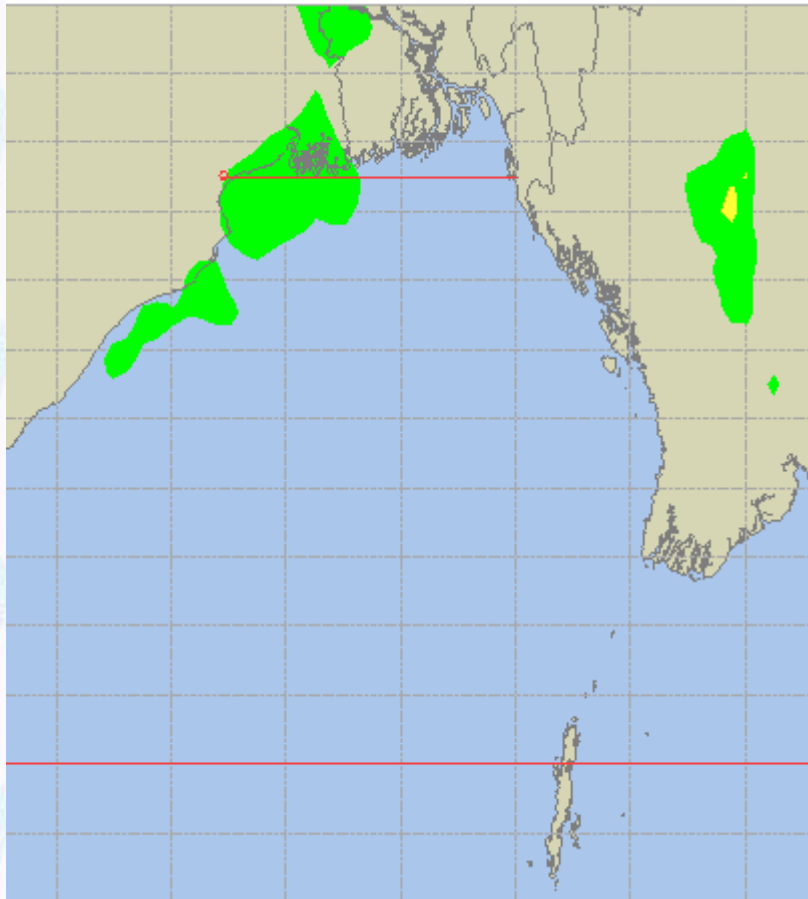
15 Apr 21 Thursday



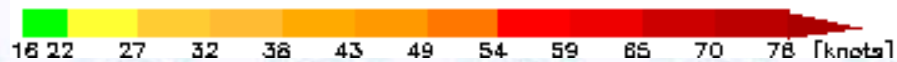
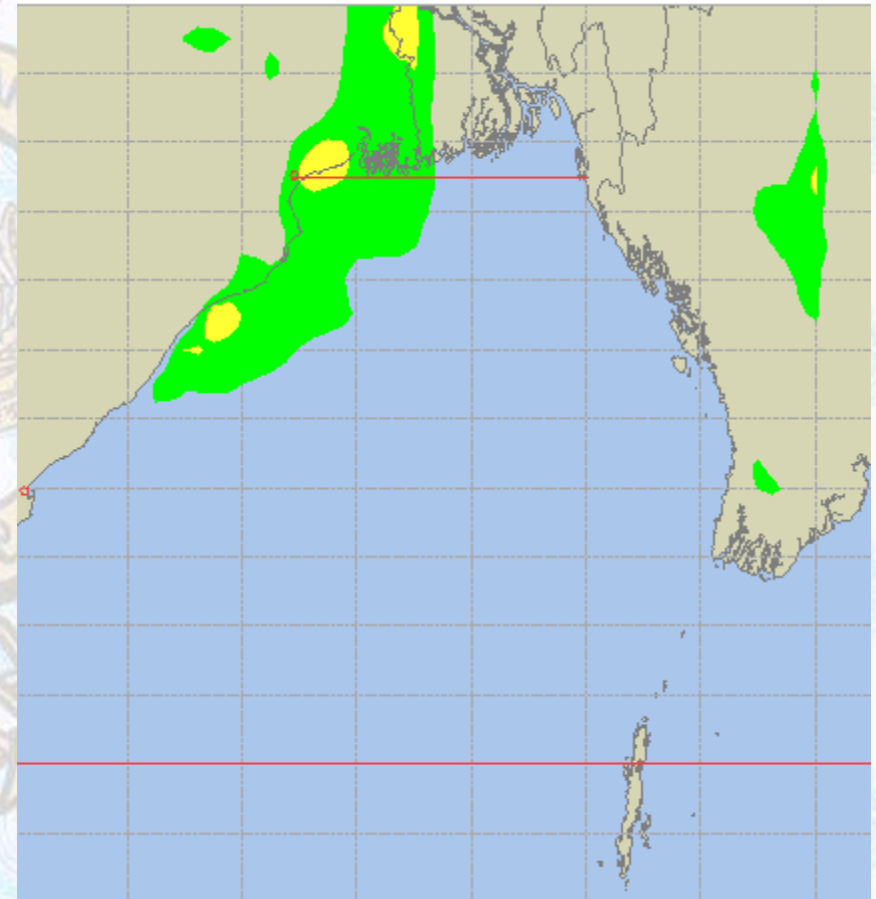


Peak Gusting Possibilities– 13 & 14 Apr 2021

13 Apr 21 Tuesday



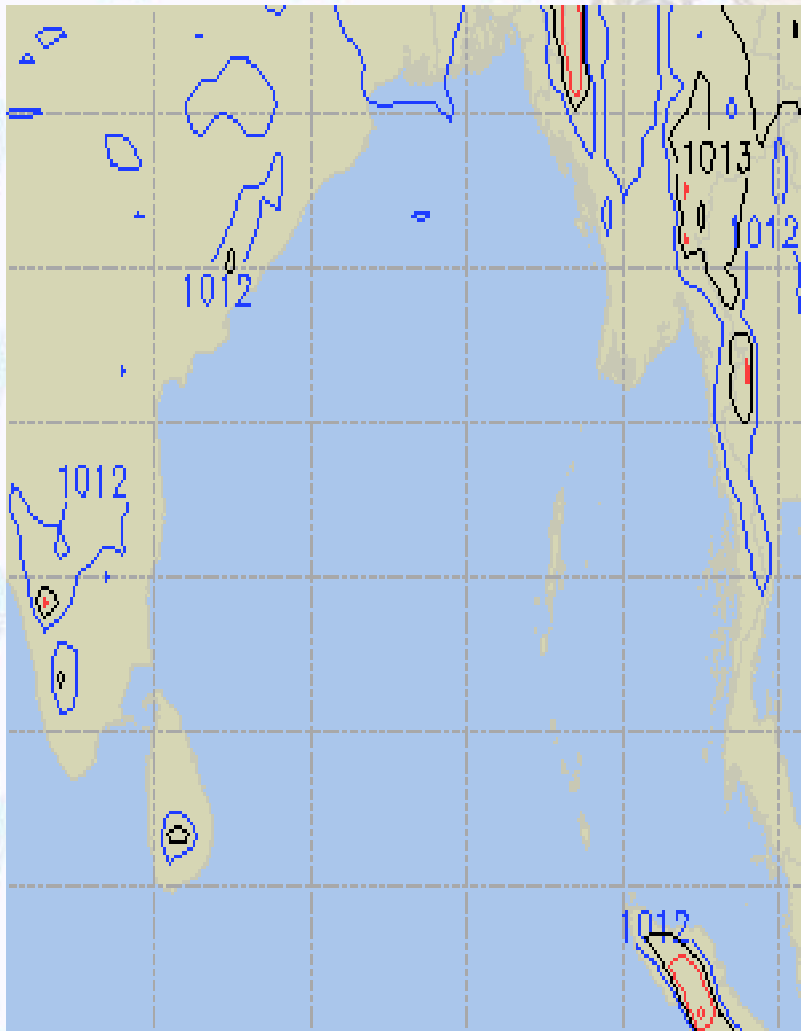
14 Apr 21 Wednesday



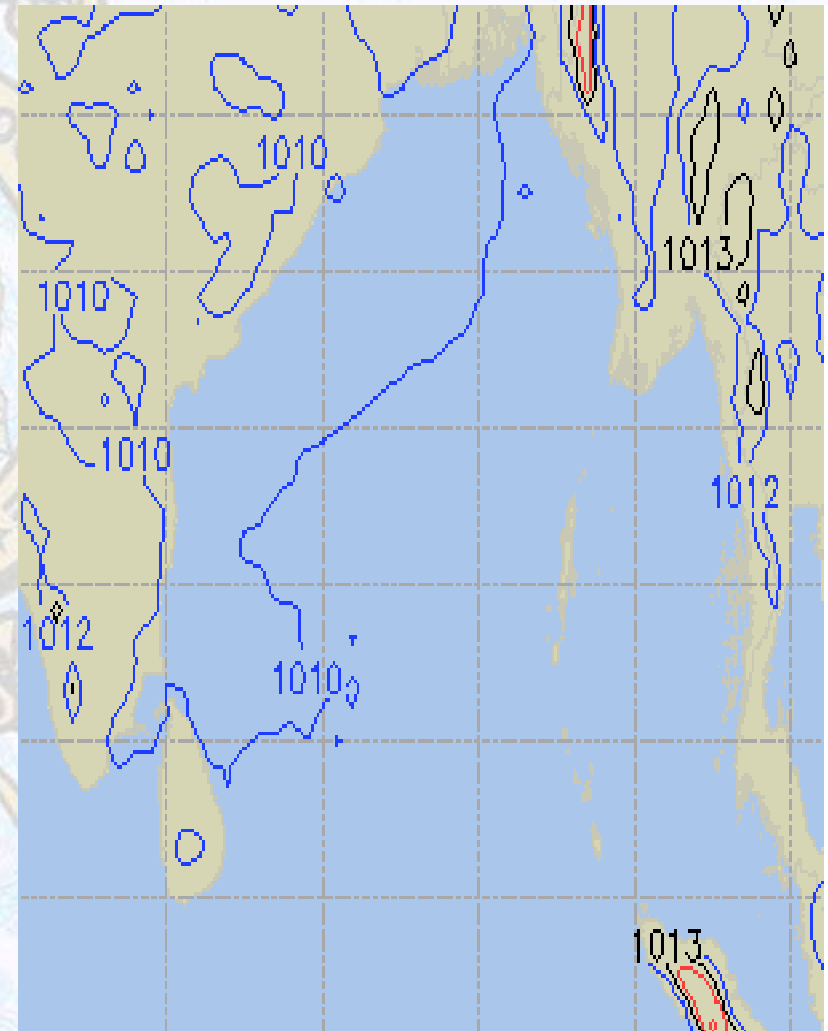


Surface Pressure forecast – 13 & 14 Apr 2021

13 Apr 21 Tuesday



14 Apr 21 Wednesday

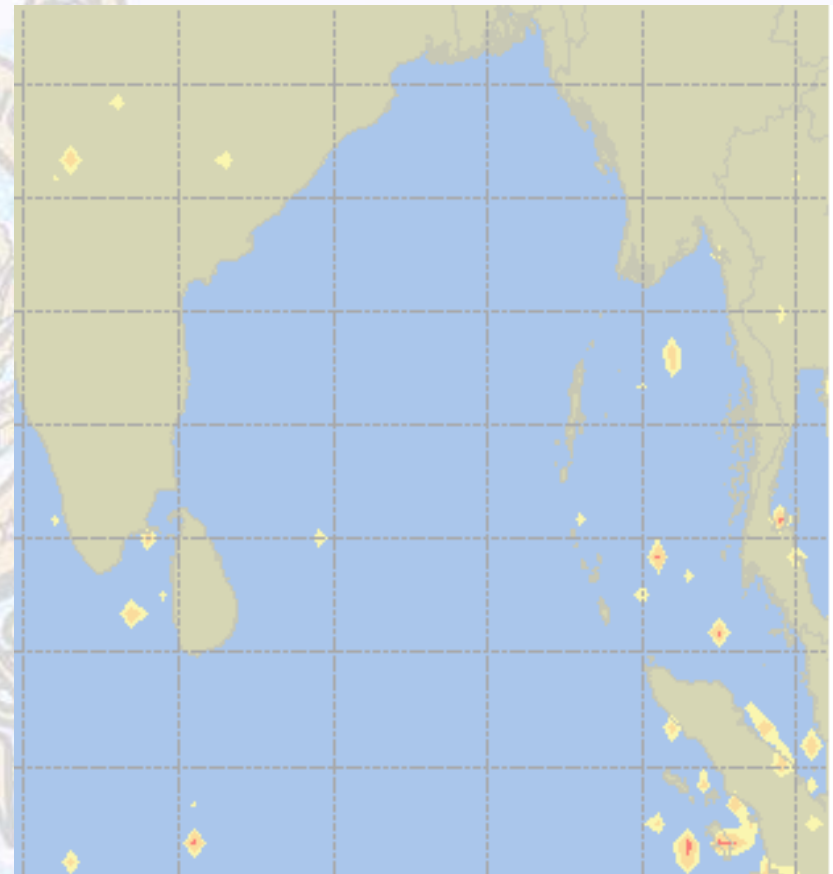
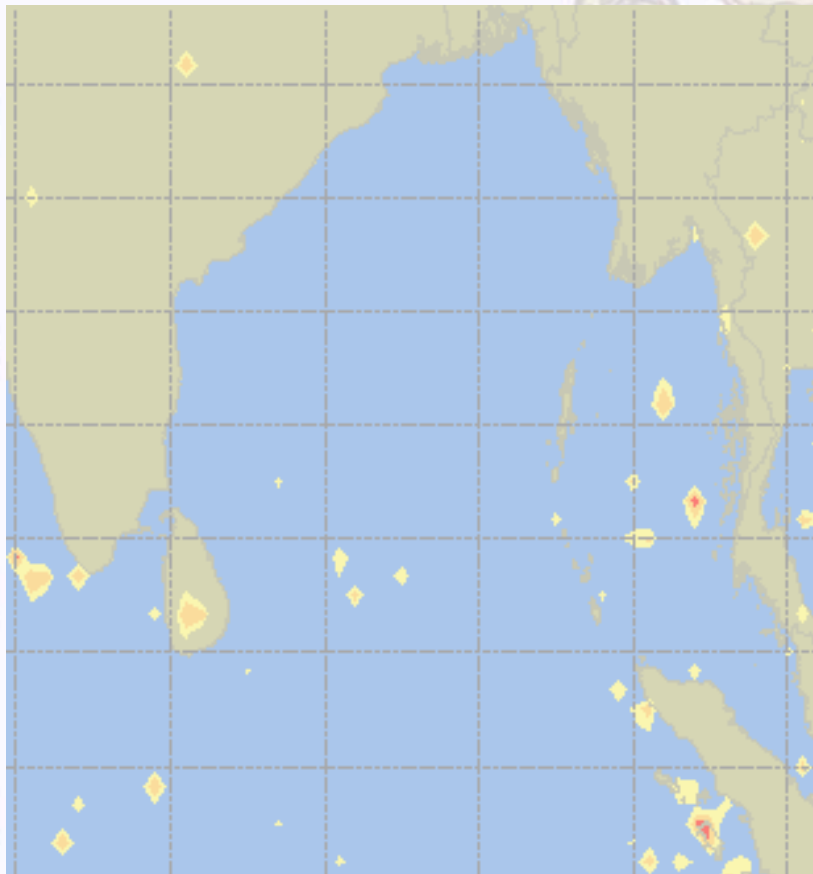




Visibility at Sea Forecast – 13 & 14 Apr 2021

13 Apr 21 Tuesday

14 Apr 21 Wednesday



Visibility Scale:

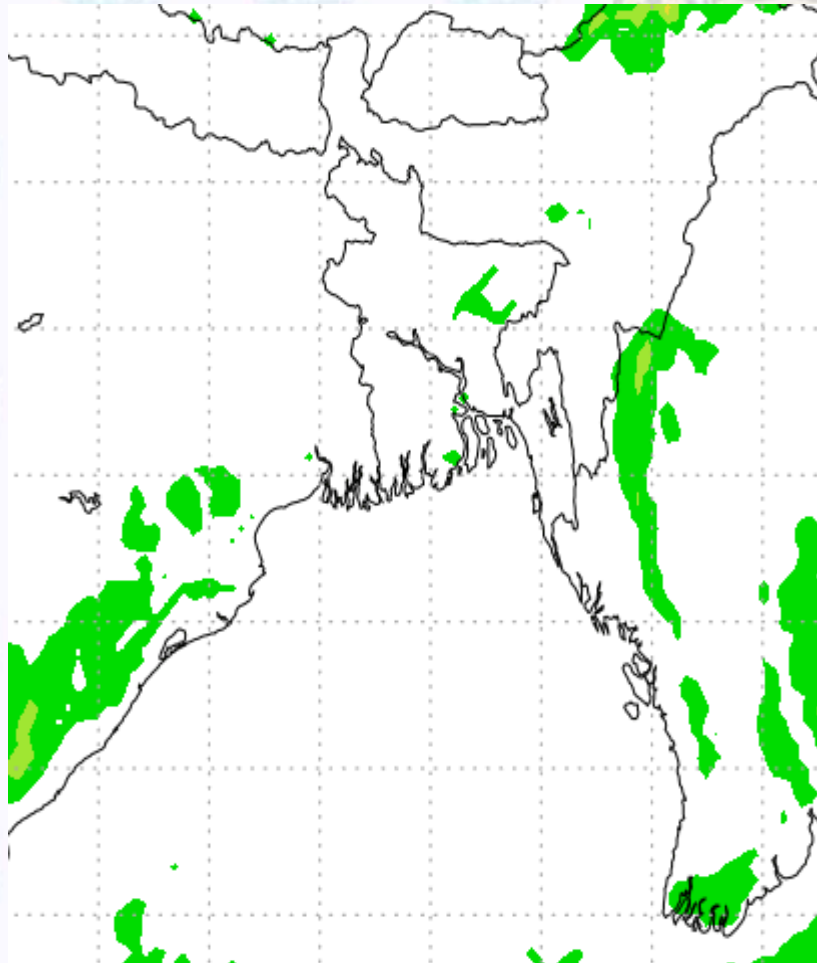


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

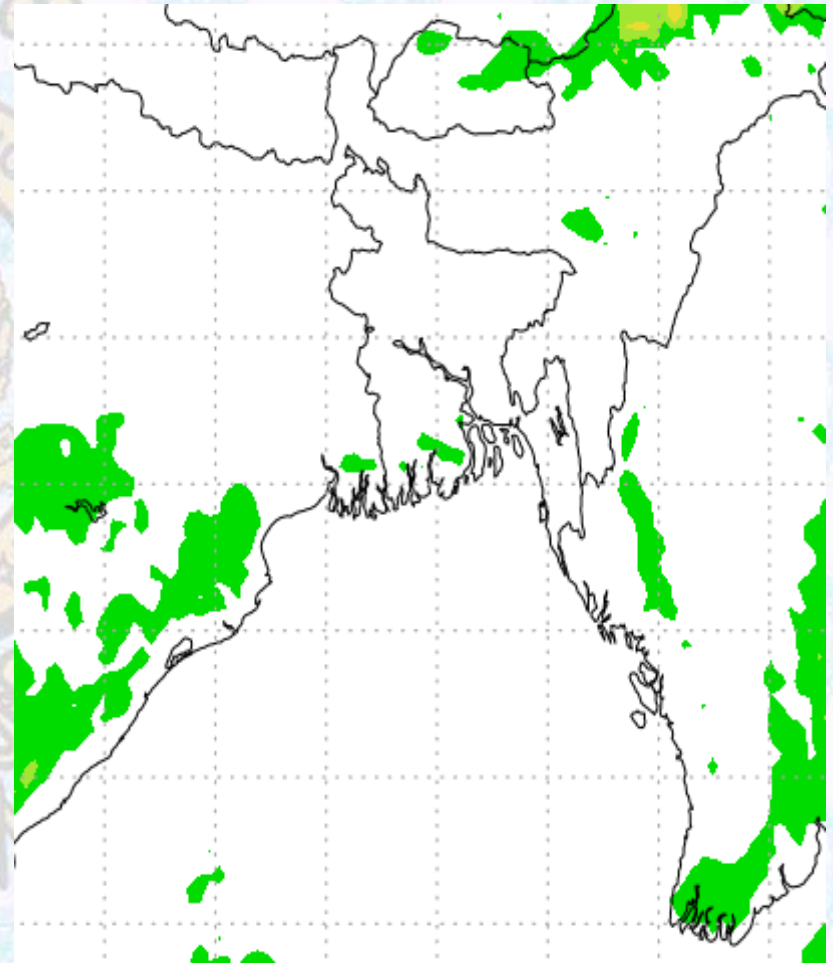


Precipitation

Rain(mm) 13 & 14 Apr 21



Rain(mm) 14 & 15 Apr 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
13 Apr 2021	0130	4.42		0544	0.25		0524	0.42
	0800	0.43		1129	3.32		1127	2.93
	1347	4.53		1801	0.35		1744	0.56
	2017	0.53		2341	3.20		2335	2.74
14 Apr 2021	Time	Height		Time	Height		Time	Height
	0155	4.42		0611	0.26		0548	0.44
	0824	0.42		1200	3.29		1153	2.92
	1411	4.54		1828	0.37		1811	0.62
	2042	0.56		-	-		-	-
15 Apr 2021	Time	Height		Time	Height		Time	Height
	0222	4.37		0011	3.09		0001	2.69
	0847	0.42		0637	0.30		0612	0.49
	1437	4.49		1232	3.20		1219	2.88
	2108	0.61		1856	0.43		1838	0.71