



WEATHER FORECAST FOR BN

16 - 19 JUN 2021



WEATHER FORECAST – DHAKA

16.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 25°C	30°C / 25°C	28°C / 25°C	28°C / 25°C
Wind	20 km/h SSE	18 km/h SSE	13 km/h SSE	14 km/h SE
Humidity	75%	77%	81%	84%
Chance of Precip	24%	20%	68%	75%
Cloud Cover	50%	47%	84%	89%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise / Sunset	0510 / 1847			

Conditions

Pressure : 997 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

16.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28°C / 26°C	28°C / 26°C	27°C / 27°C	26°C / 25°C
Wind	20 km/h S	20 km/h SSE	20 km/h SSE	20 km/h SSE
Humidity	90%	91%	96%	95%
Chance of Precip.	30%	24%	82%	97%
Cloud Cover	58%	63%	90%	92%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise / Sunset	0508 / 1838			

Conditions

Pressure : 999 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

16.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29°C / 27°C	27°C / 27°C	29°C / 26°C	27°C / 26°C
Wind	12 km/h S	14 km/h S	9 km/h SSE	9 m/h SSE
Humidity	88%	89%	94%	94%
Chance of Precip.	50%	19%	52%	69%
Cloud Cover	65%	75%	93%	92%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise/ Sunset	0516 / 1848			

Conditions

Pressure : 999 hpa

Visibility : 12.87 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	17 Jun 2021	18 Jun 2021	19 Jun 2021
Temperature (C)	29°C / 25°C	29°C / 25°C	29°C / 25°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h11m00s/18h47m36s	5h11m12s/18h47m48s	5h11m30s/18h48m06s
Day Length	13h36m36s	13h36m36s	13h36m36s
Moon Rise/ Set	11:07AM/ -	12:05AM/ 12:04PM	1:04PM/ 12:41AM
Moon Phase/ illu	Waxing Crescent, 37%	First Quarter, 48%	Waxing Gibbous, 59%
Nautical Twilight	04:19, 19:35	04:18, 19:35	04:18, 19:35
Civil Twilight	04:46, 19:14	04:45, 19:14	04:45, 19:14
Humidity	D : 83% N : 88%	D : 87% N : 88%	D : 87% N : 88%
Barometer (mb)	999	1000	1001
Visibility	Poor	Poor	Moderate
Precip Chance	85%	84%	99%
Wind (km/hr)	16 Km/h, SE	20 Km/h, SE	17 Km/h, SE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 Jun 2021	18 Jun 2021	19 Jun 2021
Temperature (C)	28°C/ 25°C	27°C/ 25°C	27°C/ 25°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h08m30s/ 18h38m30s	5h08m42s/ 18h38m42s	5h09m00s/ 18h39m00s
Day Length	13h30m00s	13h30m00s	13h30m00s
Moon Rise/ Set	11:03AM/ 11:58PM	11:03AM/ 11:58PM	1:04PM/ 12:41AM
Moon Phase/ illu	Waxing Crescent, 48%	First Quarter, 48%	Waxing Gibbous, 59%
NauticalTwilight	04:21, 19:34	04:20, 19:34	04:20, 19:34
Civil Twilight	04:42, 18:59	04:42, 18:59	04:42, 18:59
Humidity	D : 90% N : 95%	D : 92% N : 95%	D : 92% N : 95%
Barometer (mb)	1000	1002	1002
Visibility	Poor	Moderate	Moderate
Precip Chance	95%	98%	100%
Wind (km/hr)	21 Km/h, SSE	23 Km/h, SSE	21 Km/h, SSE

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



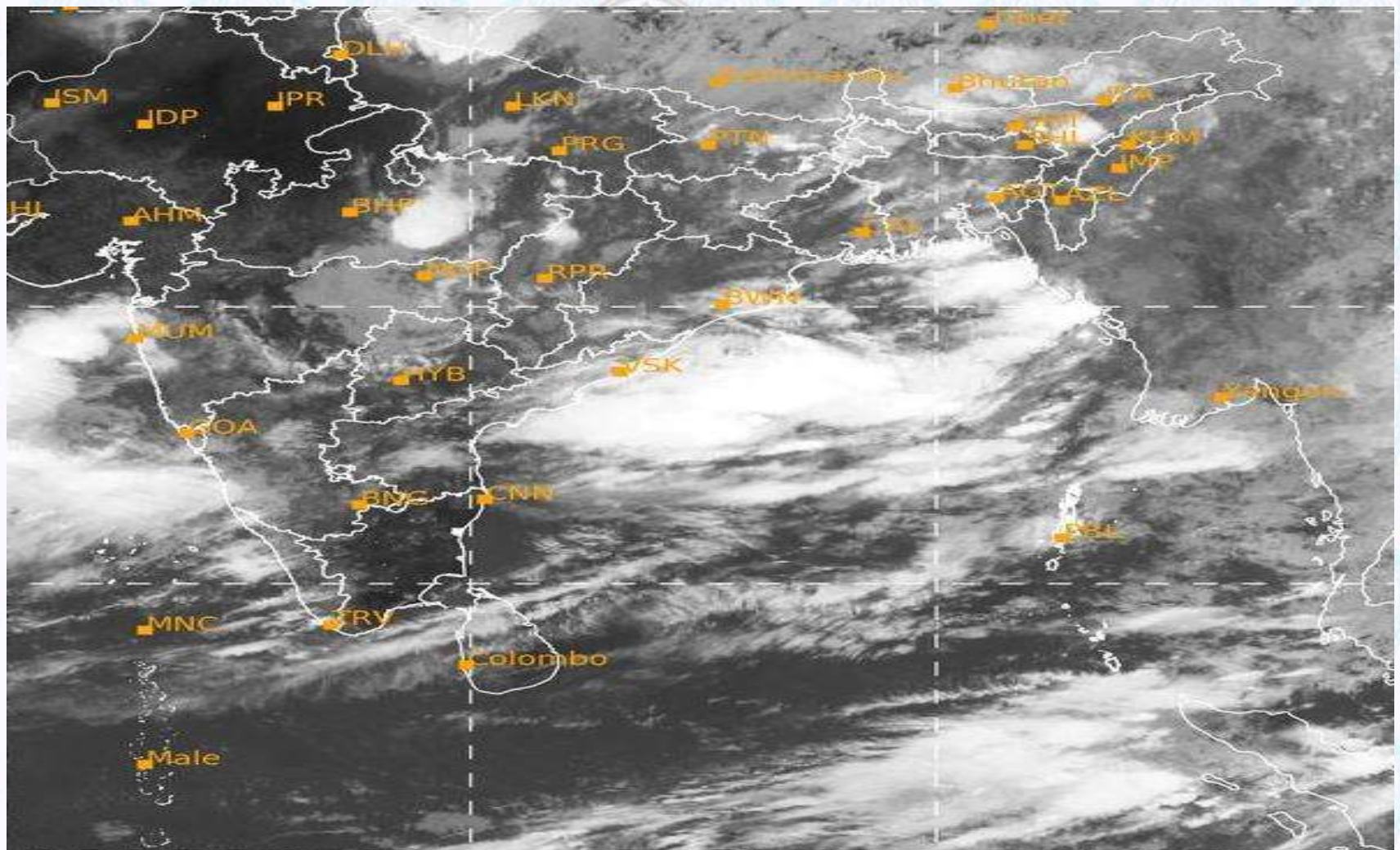
GENERAL WEATHER FORECAST – KHULNA

Description	17 Jun 2021	18 Jun 2021	19 Jun 2021
Temperature(C)	29°C / 25°C	28°C / 25°C	28°C / 25°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h16m36s/ 18h48m48s	5h16m48s/ 18h49m00s	5h17m06s/ 18h49m18s
Day Length	13h 32m 12s	13h 32m 12s	13h 32m 12s
Moon Rise/Set	11:12AM/ -	12:09AM/ 12:07PM	1:04PM/ 12:41AM
Moon Phase/illu	Waxing Crescent, 37%	First Quarter, 48%	Waxing Gibbous, 59%
Nautical Twilight	04:25, 19:38	04:24, 19:39	04:24, 19:39
Civil Twilight	04:49, 19:09	04:48, 19:10	04:48, 19:10
Humidity	D : 93% N : 97%	D : 95% N : 96%	D : 95% N : 96%
Barometer (mb)	Poor	Poor	Poor
Visibility	Moderate	Moderate	Moderate
Precip Chance	95%	97%	97%
Wind (km/hr)	13 Km/h, SSE	14 Km/h, SSE	14 Km/h, SSW

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



SATELLITE VIEW OF BAY OF BENGAL

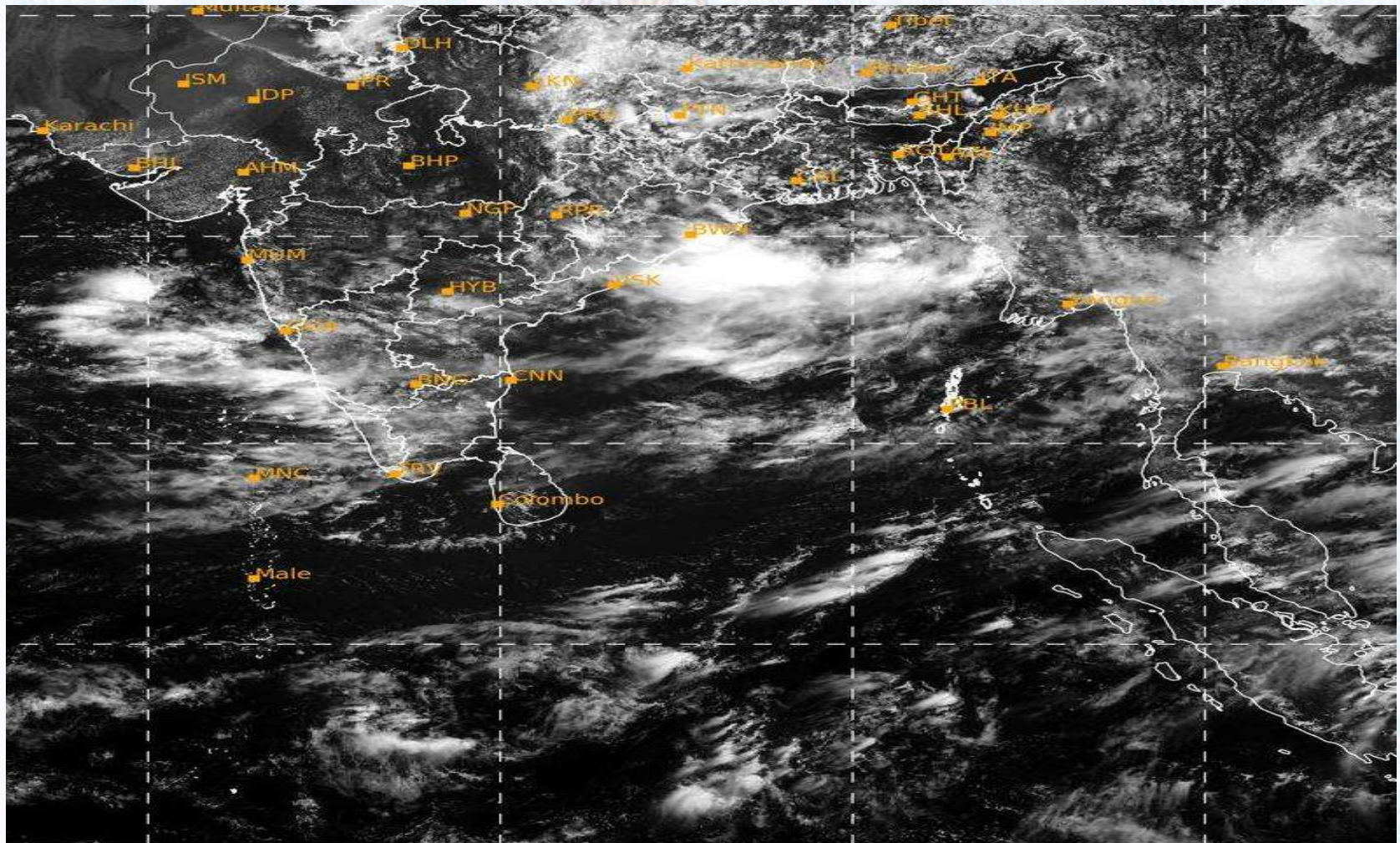


16/06/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



16/06/2021, 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 16.06.2021)

Part One	WARNING BAY OF BENGAL.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE TO STRONG OVER NORTH BAY.	
Part Three	Weather	RAIN/T.SHOWERS OVER AREA C-90.
	Wind	S/SW'LY, 12-18 KTS, TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
MSL Pressure	AT = 16,0000 UTC. CHATTOGRAM =999 HPA	



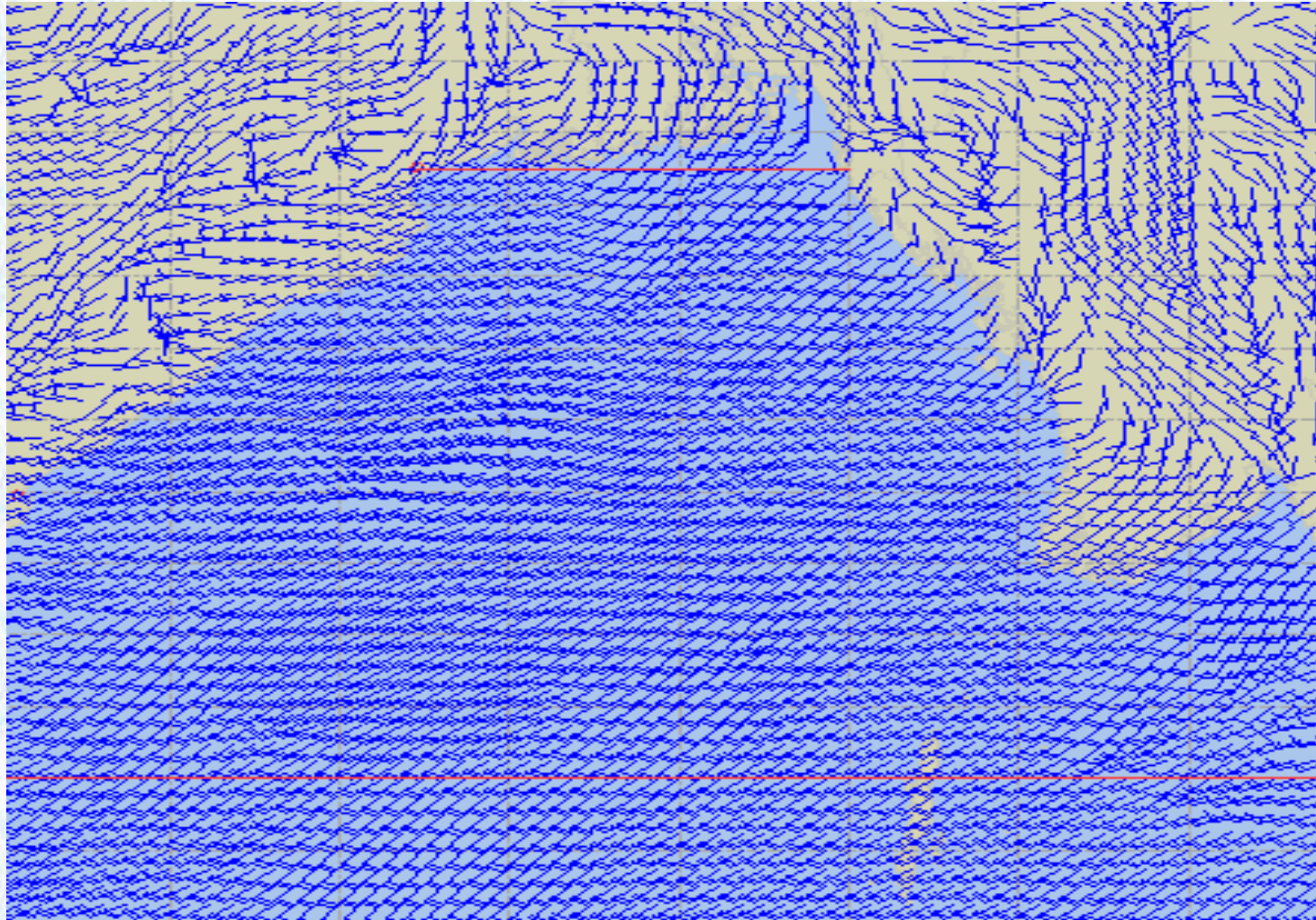
Inland River Port Warning **(VALID TILL 06 PM OF 16.06.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/ SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, PABNA, BOGURA, MYMENSINGH, SYLHET, TANGAIL, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM & COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



Surface Wind Forecast- 17 Jun - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



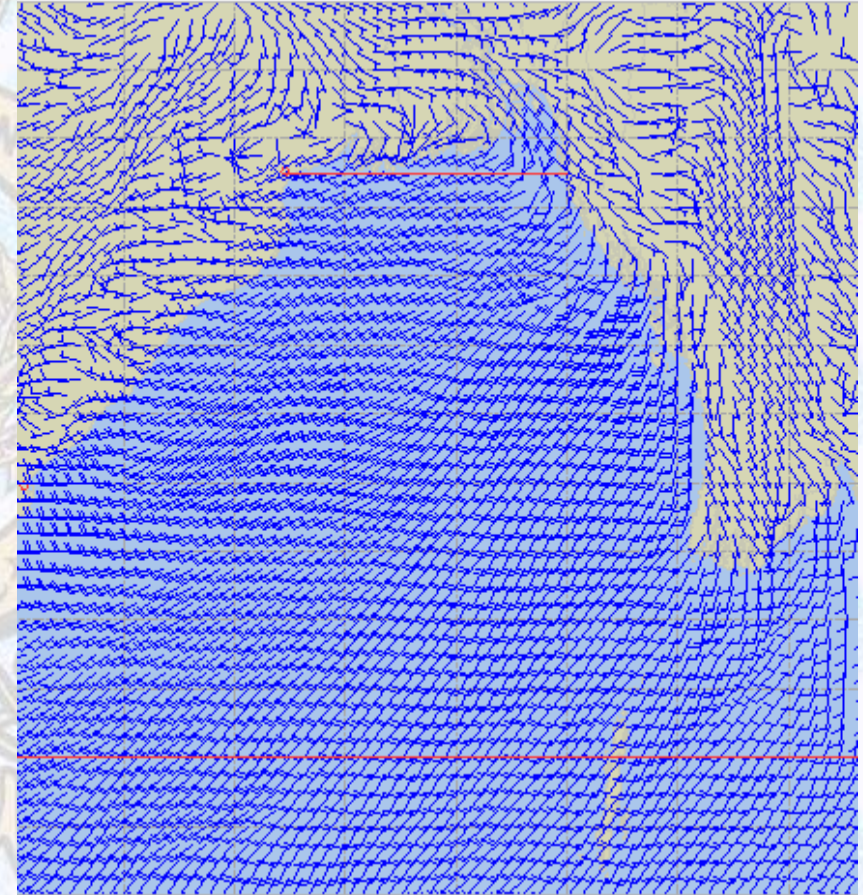
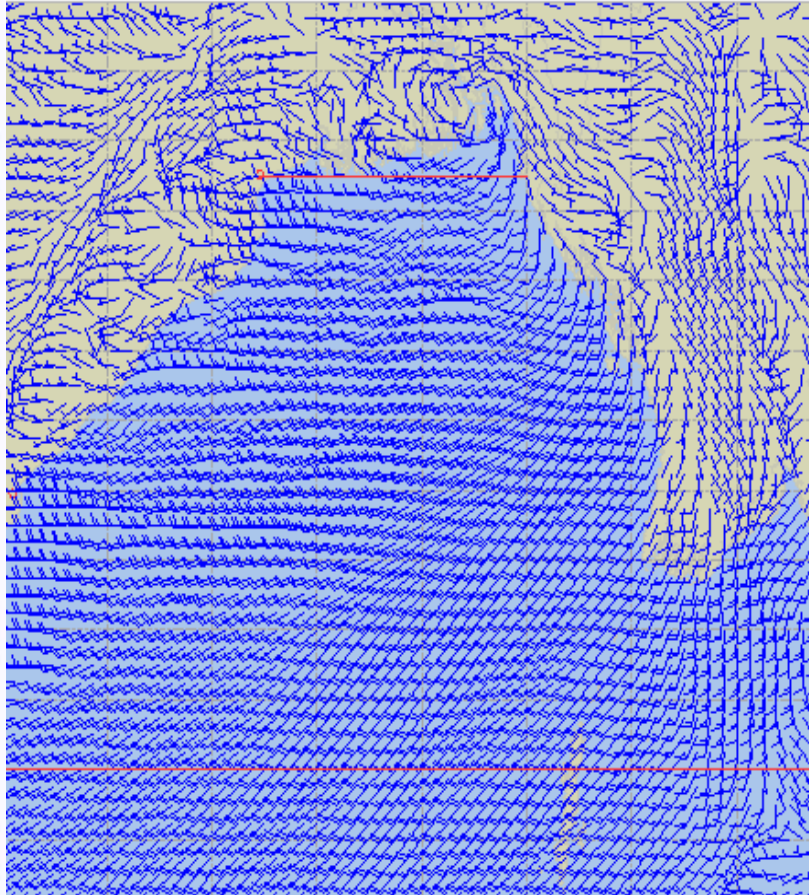
60 Knots



Surface Wind Forecast – 18 & 19 Jun - 2021

18 Jun 21 Friday

19 Jun 21 Saturday



Legend:



Calm
Winds



5 Knots



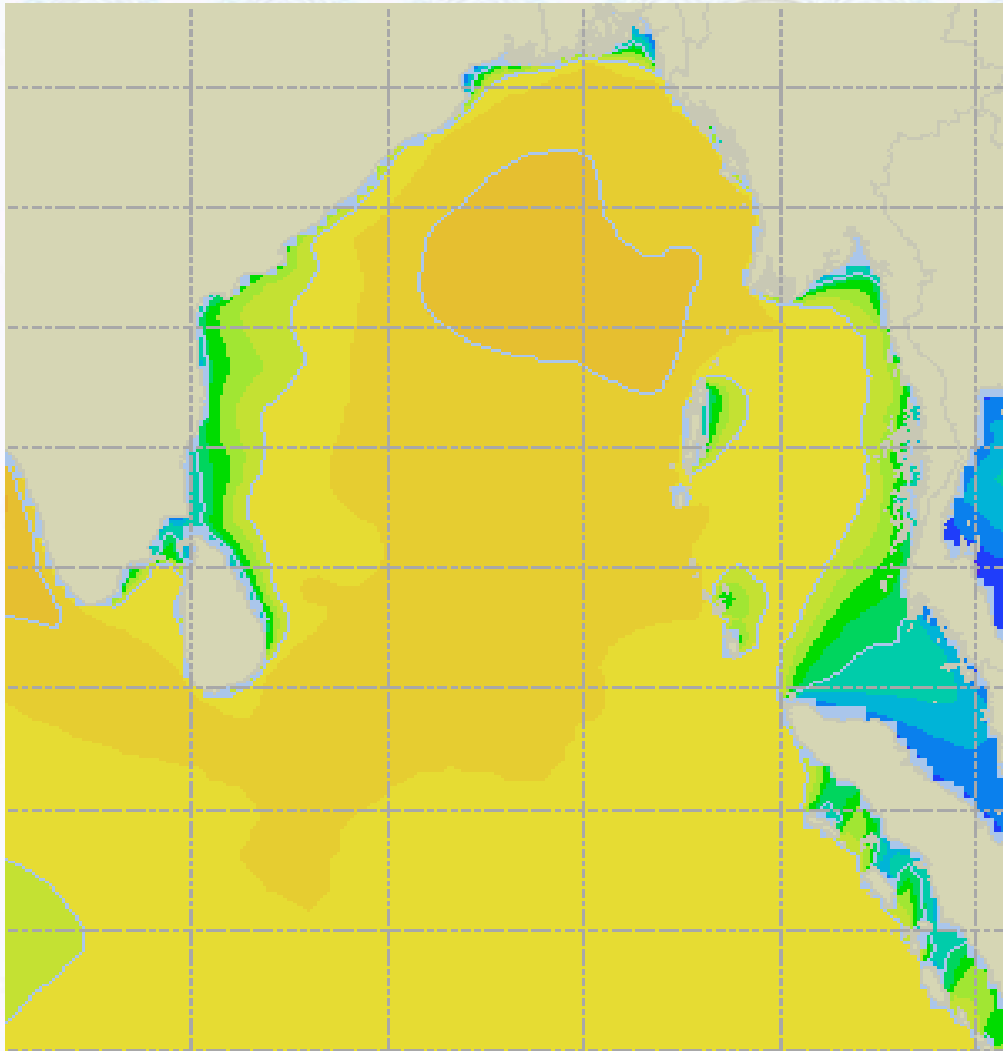
10 Knots



60 Knots



Sea State Forecast – 17 Jun - 2021



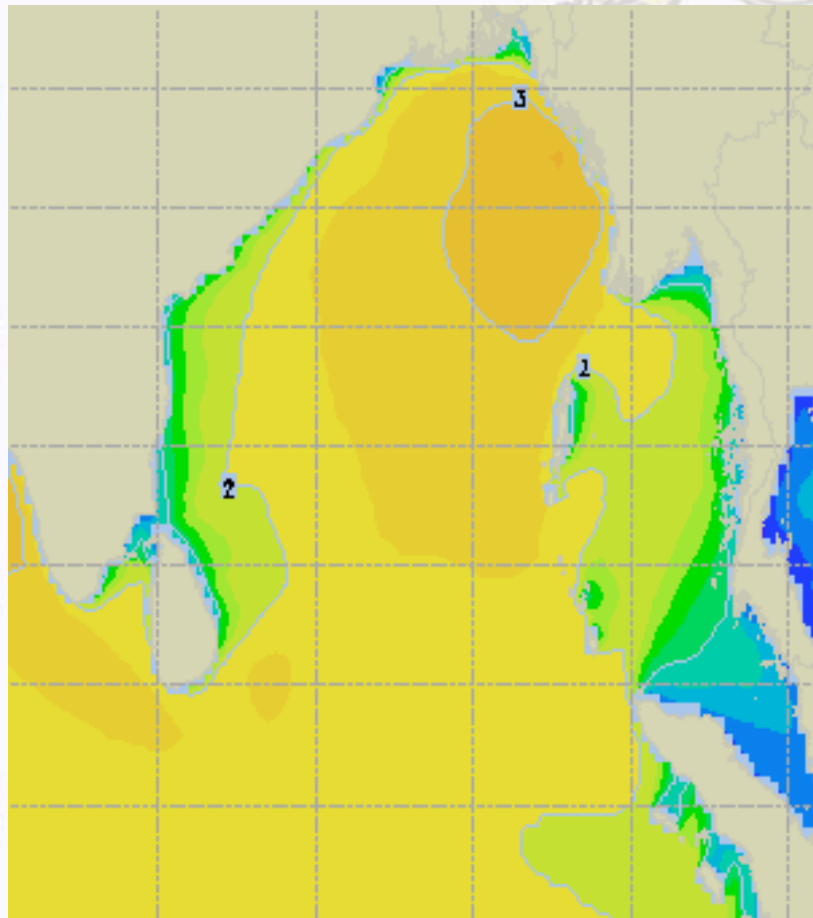
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



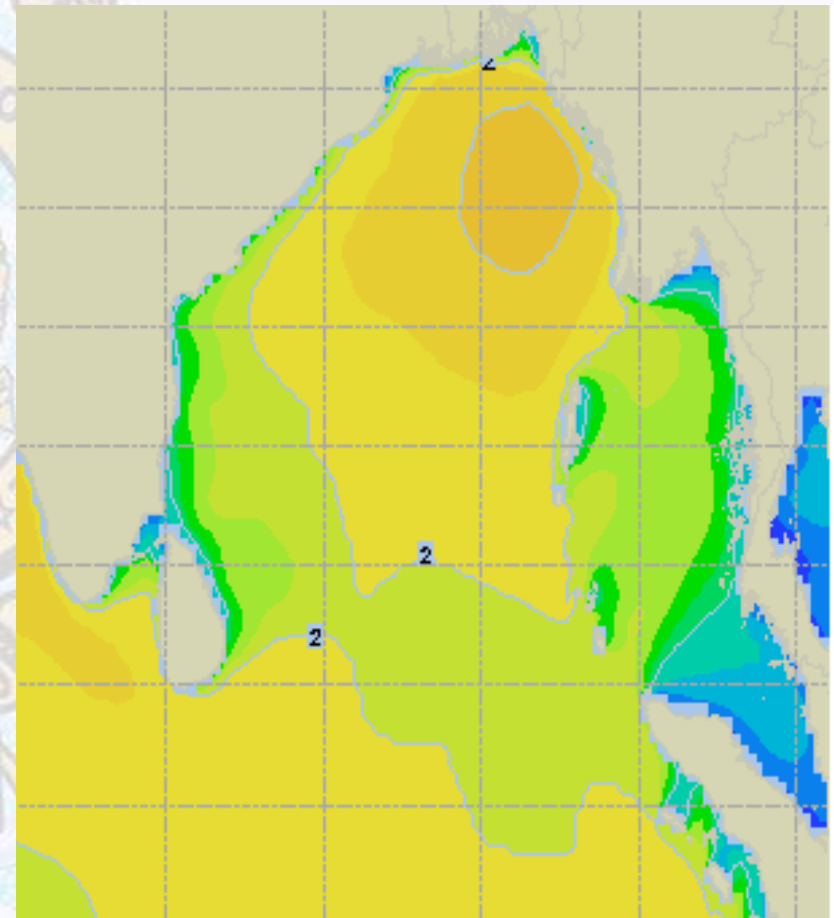


Sea State Forecast – 18 & 19 Jun - 2021

18 Jun 21 Friday



19 Jun 21 Saturday

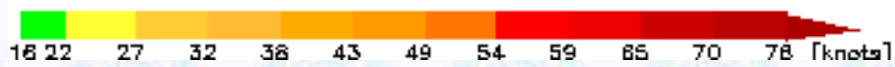
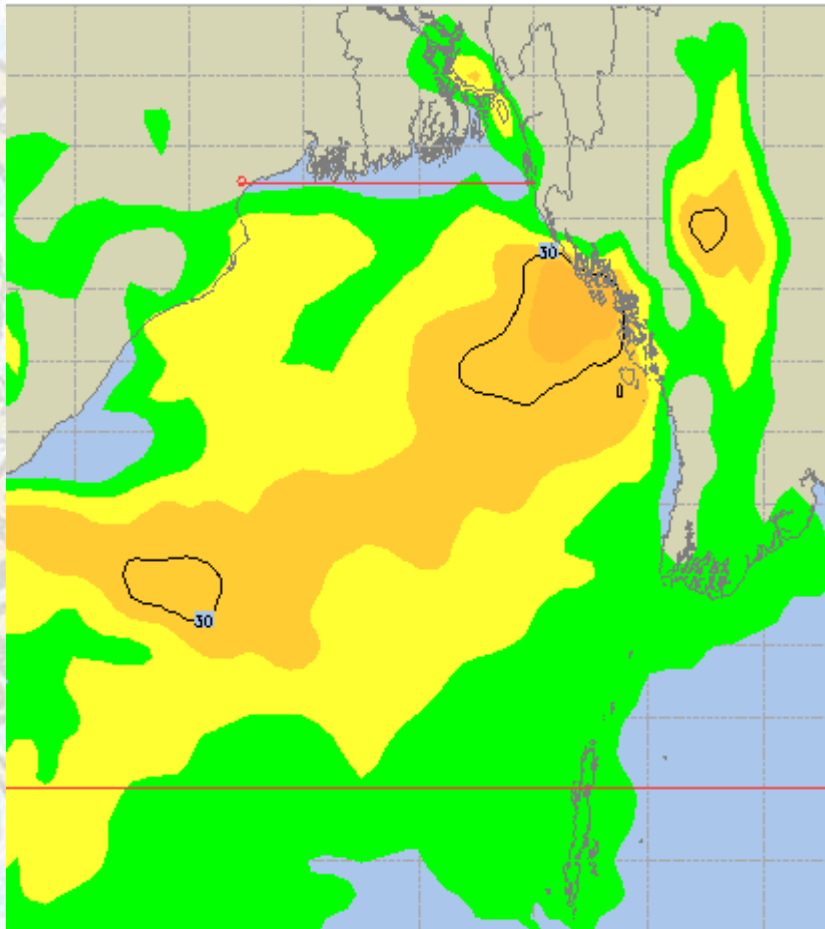
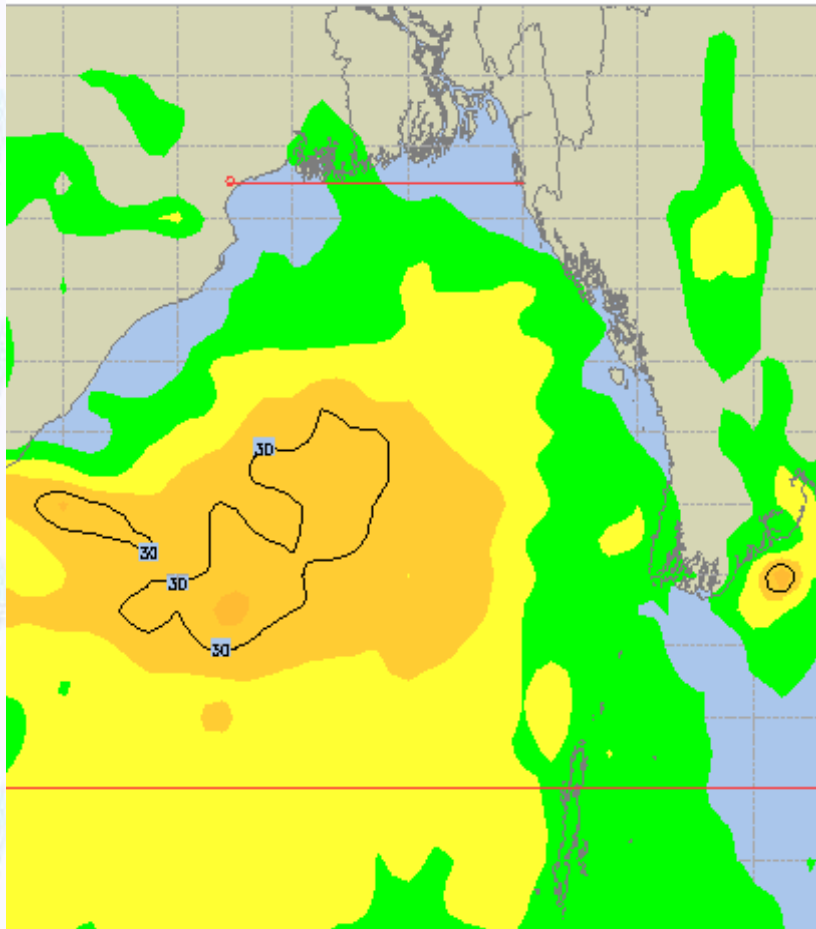




Peak Gusting Possibilities– 17 & 18 Jun 2021

17 Jun 21 Thursday

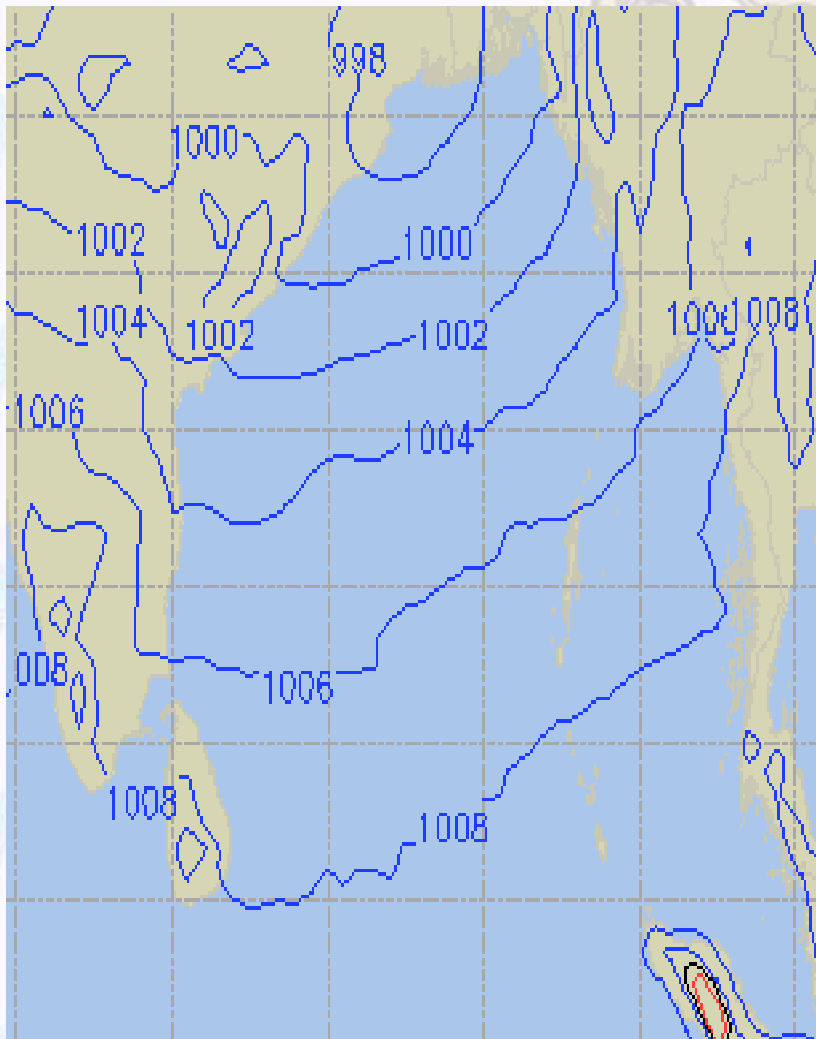
18 Jun 21 Friday



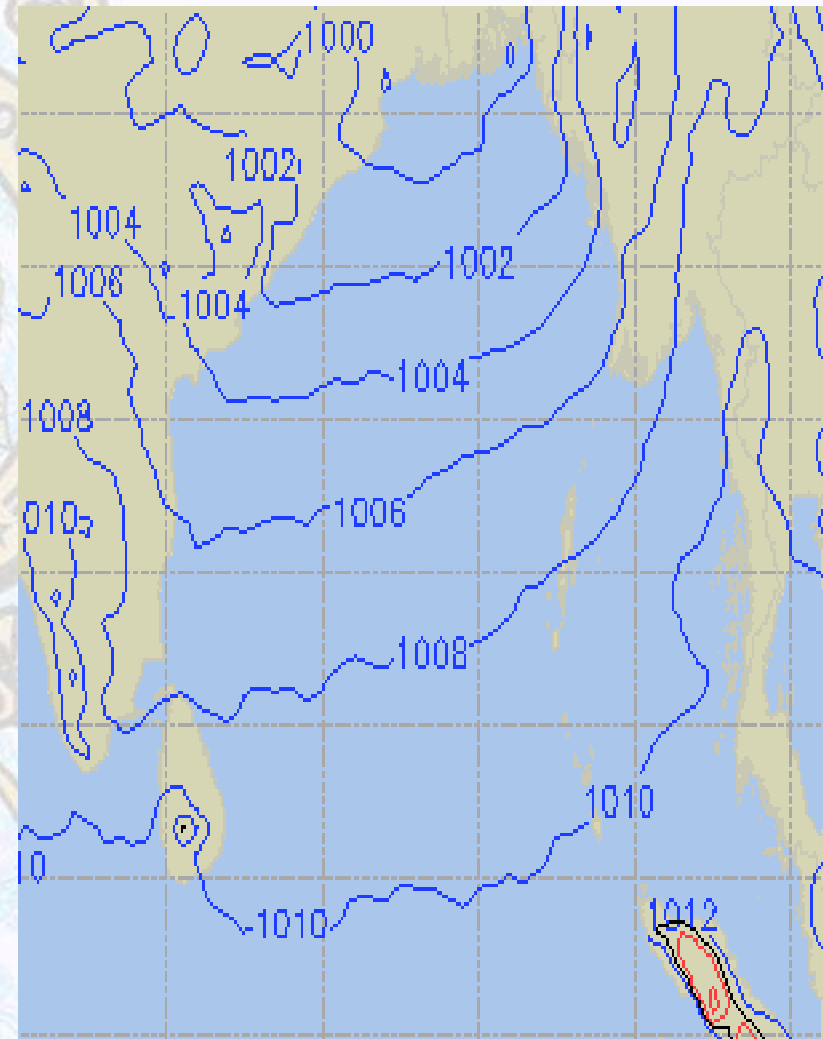


Surface Pressure forecast – 17 & 18 Jun 2021

17 Jun 21 Thursday



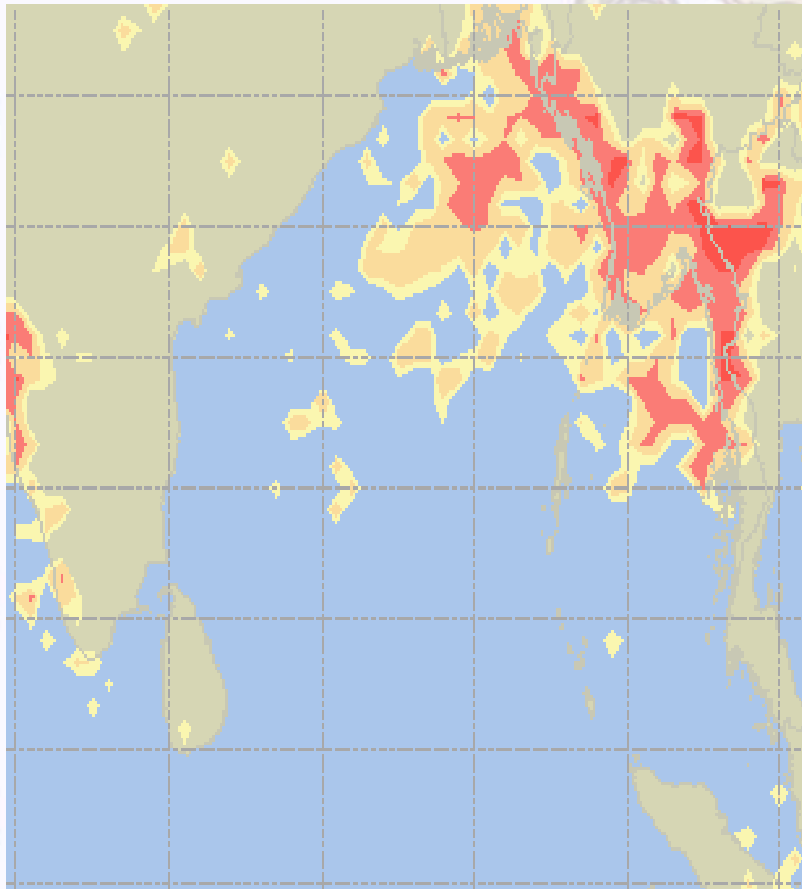
18 Jun 21 Friday



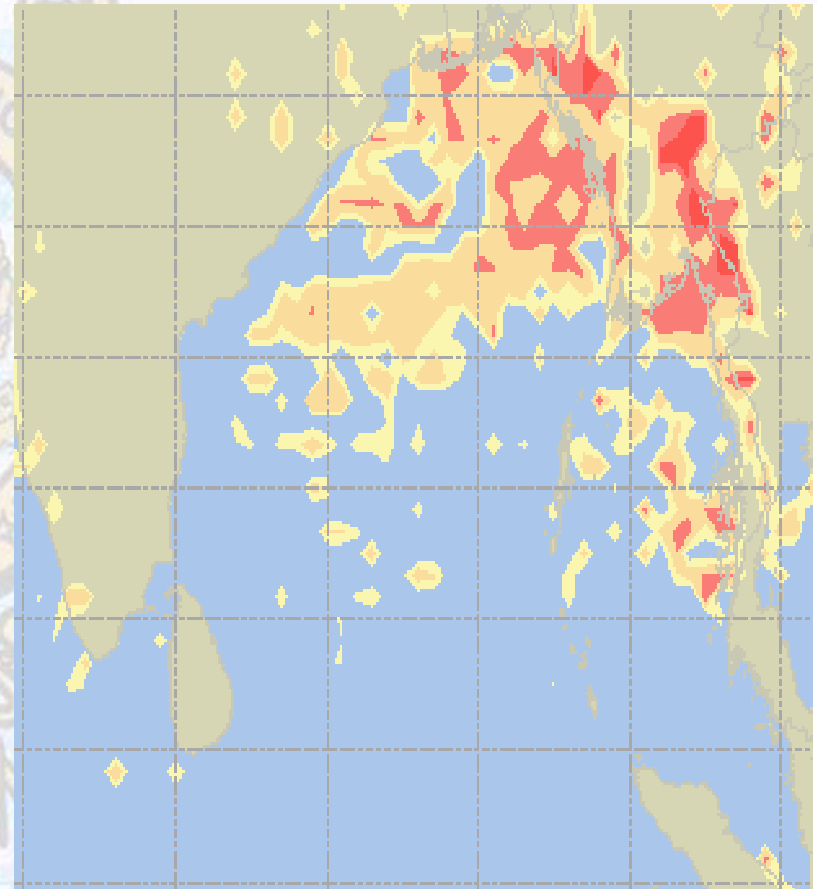


Visibility at Sea Forecast – 17 & 18 Jun 2021

17 Jun 21 Thursday



18 Jun 21 Friday



Visibility Scale:

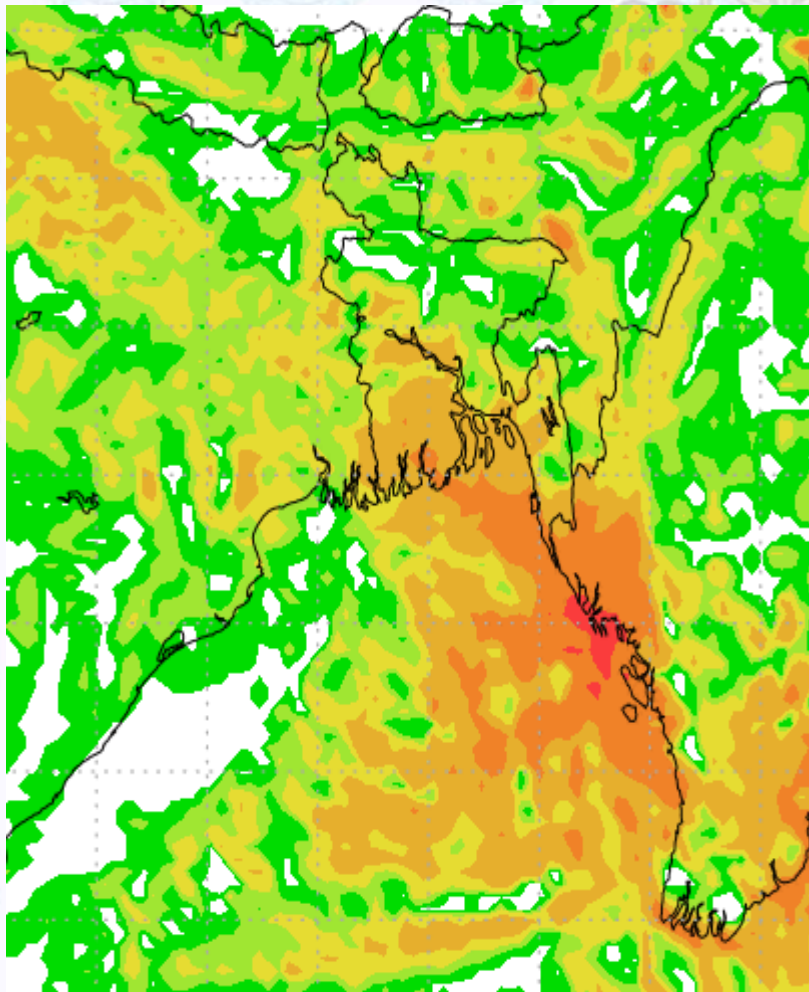


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

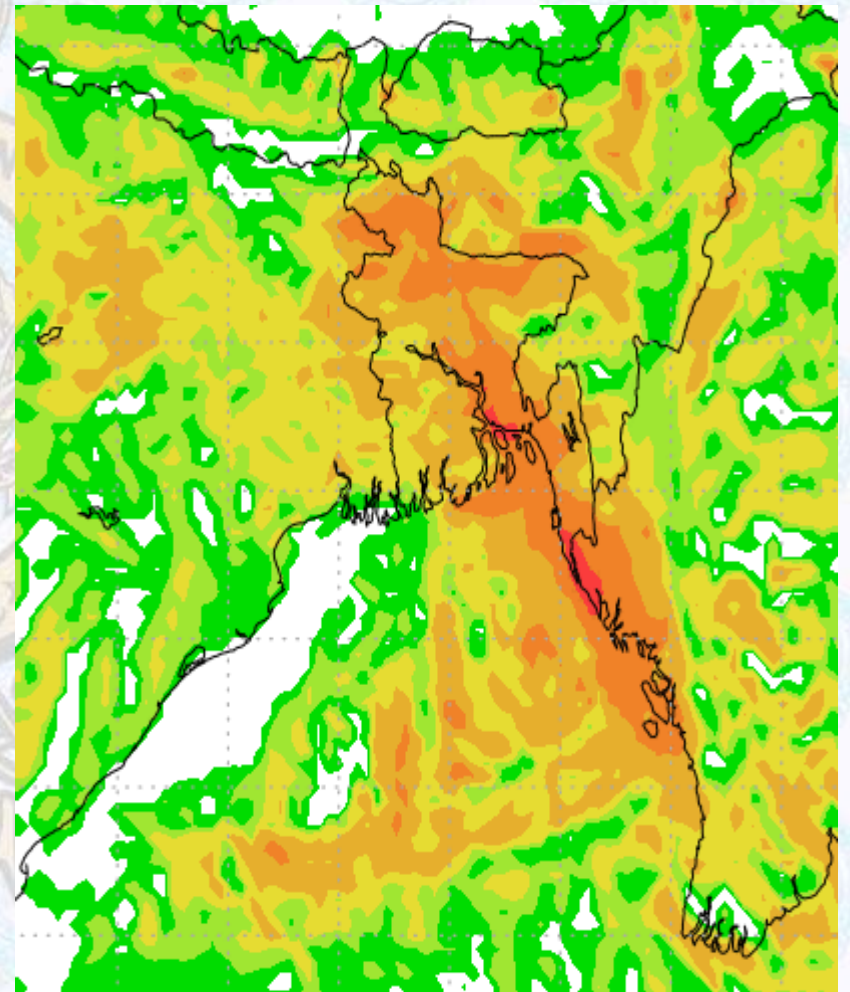


Precipitation

Rain(mm) 17 & 18 Jun 2021



Rain(mm) 18 & 19 Jun 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0520		4.42			0251	2.85
17 Jun 2021	1137	1.35		0908	1.29		0749	0.53
	1742	4.65		1521	3.10		1357	2.48
	-	-		2149	1.31		2004	0.79
	Time	Height		Time	Height		Time	Height
		0023		1.20			0354	2.84
18 Jun 2021	0627	4.42		1016	1.36		0949	1.42
	1246	1.45		1627	3.02		1554	2.93
	1851	4.56		2300	1.34		2235	1.22
	Time	Height		Time	Height		Time	Height
		0130		1.21			0509	2.91
19 Jun 2021	0738	4.52		1133	1.36		1103	1.47
	1402	1.46		1738	3.01		1703	2.87
	2002	4.53		-	-		2343	1.19