



**WEATHER FORECAST FOR BN**

**18 - 21 JUN 2021**



# WEATHER FORECAST – DHAKA

## 18.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28°C / 24°C	27°C / 24°C	27°C / 24°C	26°C / 24°C
Wind	17 km/h SE	21 km/h SE	14 km/h ESE	13 km/h ESE
Humidity	77%	82%	85%	85%
Chance of Precip	21%	20%	77%	79%
Cloud Cover	88%	93%	92%	94%
Conditions	Rain	Rain	Rain	Rain
Sunrise / Sunset	0511 / 1847			

### Conditions

Pressure : 1003 hpa

Visibility : 3.54 km

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





# WEATHER FORECAST – CHATTOGRAM

## 18.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28°C / 25°C	27°C / 25°C	26°C / 25°C	26°C / 25°C
Wind	23 km/h SE	25 km/h SSE	26 km/h SSE	22 km/h SSE
Humidity	85%	91%	96%	95%
Chance of Precip.	47%	72%	83%	96%
Cloud Cover	90%	96%	95%	96%
Conditions	Rain	Rain	Rain	Rain
Sunrise / Sunset	0508 / 1838			

### Conditions

Pressure : 1004 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 18.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26°C / 26°C	28°C / 26°C	27°C / 26°C	26°C / 25°C
Wind	12 km/h SE	10 km/h SE	7 km/h SSE	7 m/h SSW
Humidity	87%	90%	96%	95%
Chance of Precip.	49%	59%	63%	89%
Cloud Cover	94%	96%	96%	95%
Conditions	Rain	Rain	Rain	Rain
Sunrise/ Sunset	0516 / 1848			

### Conditions

Pressure : 1002 hpa

Visibility : 11.27 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	19 Jun 2021	20 Jun 2021	21 Jun 2021
<b>Temperature (C)</b>	28°C / 25°C	29°C / 25°C	31°C / 26°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h11m30s/18h48m06s	5h11m42s/18h48m18s	5h11m56s/18h48m36s
<b>Day Length</b>	13h36m36s	13h36m36s	13h36m36s
<b>Moon Rise/ Set</b>	1:04PM/ 12:41AM	2:05PM/ 1:18AM	3:09PM/ 1:57AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 59%	Waxing Gibbous, 70%	Waxing Gibbous, 81%
<b>Nautical Twilight</b>	04:18, 19:35	04:18, 19:36	04:17, 19:36
<b>Civil Twilight</b>	04:45, 19:14	04:45, 19:15	04:44, 19:15
<b>Humidity</b>	D : 87% N : 89%	D : 85% N : 95%	D : 81% N : 88%
<b>Barometer (mb)</b>	1002	1001	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	82%	94%	82%
<b>Wind (km/hr)</b>	15 Km/h, S	12 Km/h, S	10 Km/h, S

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 Jun 2021	20 Jun 2021	21 Jun 2021
<b>Temperature (C)</b>	26°C/ 25°C	27°C/ 25°C	29°C/ 25°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h09m00s/ 18h39m00s	5h09m12s/ 18h39m12s	5h09m27s/ 18h39m26s
<b>Day Length</b>	13h30m00s	13h30m00s	13h30m00s
<b>Moon Rise/ Set</b>	12:58PM / 12:35AM	1:58PM / 1:13AM	3:01PM / 1:53AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 59%	Waxing Gibbous, 70%	Waxing Gibbous, 81%
<b>NauticalTwilight</b>	04:20, 19:34	04:20, 19:35	04:19, 19:35
<b>Civil Twilight</b>	04:42, 18:59	04:43, 18:59	04:43, 19:02
<b>Humidity</b>	D : 93%    N : 96%	D : 93%    N : 95%	D : 88%    N : 94%
<b>Barometer (mb)</b>	1002	1002	1002
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	199%	99%	89%
<b>Wind (km/hr)</b>	15 Km/h, S	14 Km/h, S	13 Km/h, S

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





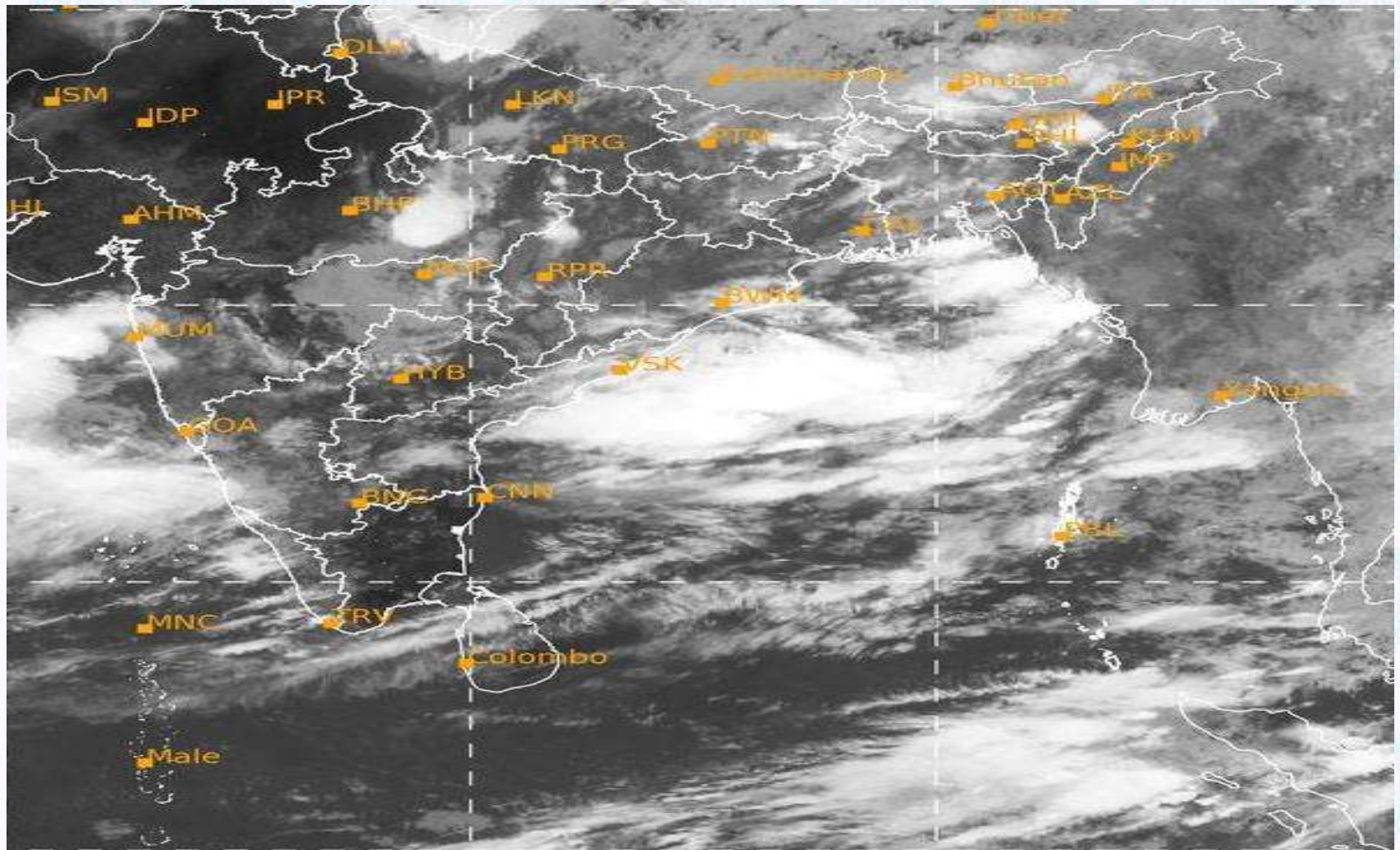
# GENERAL WEATHER FORECAST – KHULNA

Description	19 Jun 2021	20 Jun 2021	21 Jun 2021
<b>Temperature(C)</b>	28°C / 26°C	29°C / 26°C	30°C / 26°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h17m06s/ 18h49m18s	5h17m06s/ 18h49m18s	5h17m29s/ 18h49m36s
<b>Day Length</b>	13h 32m 12s	13h 32m 12s	13h 32m 29s
<b>Moon Rise/Set</b>	1:07PM/ 12:44AM	2:08PM/ 1:22AM	3:11PM/ 2:01AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 59%	Waxing Gibbous, 70%	Waxing Gibbous, 81%
<b>Nautical Twilight</b>	04:24, 19:39	04:24, 19:40	04:23, 19:40
<b>Civil Twilight</b>	04:48, 19:10	04:48, 19:11	04:47, 19:12
<b>Humidity</b>	D : 92%    N : 94%	D : 90%    N : 95%	D : 88%    N : 96%
<b>Barometer (mb)</b>	1001	1001	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	96%	79%	85%
<b>Wind (km/hr)</b>	14 Km/h, SW	12 Km/h, SW	9 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



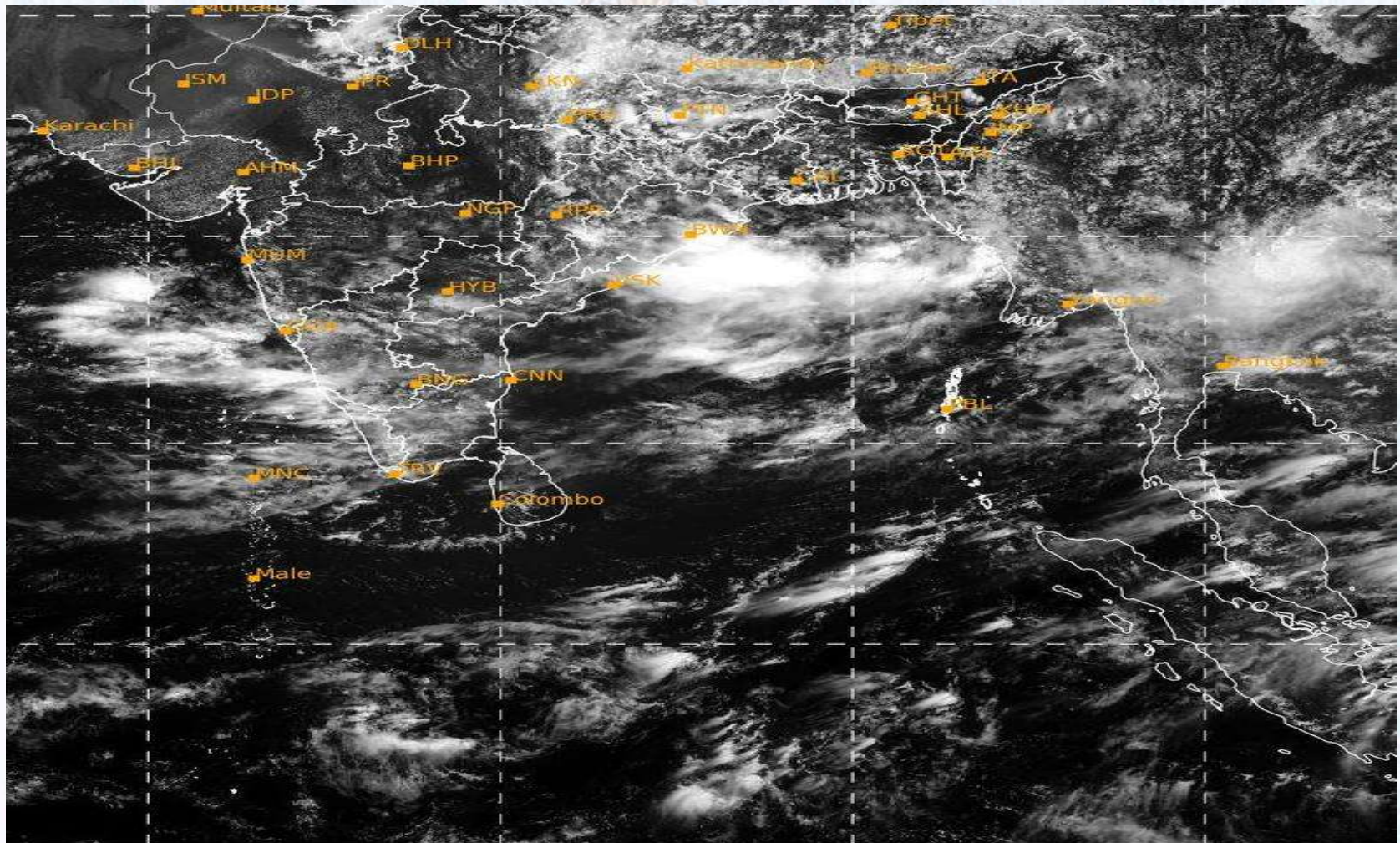
18/06/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



18/06/2021, 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 18.06.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/T.SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY, 10-15 KTS. GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 18,0000 UTC. CHATTOGRAM =1004 HPA





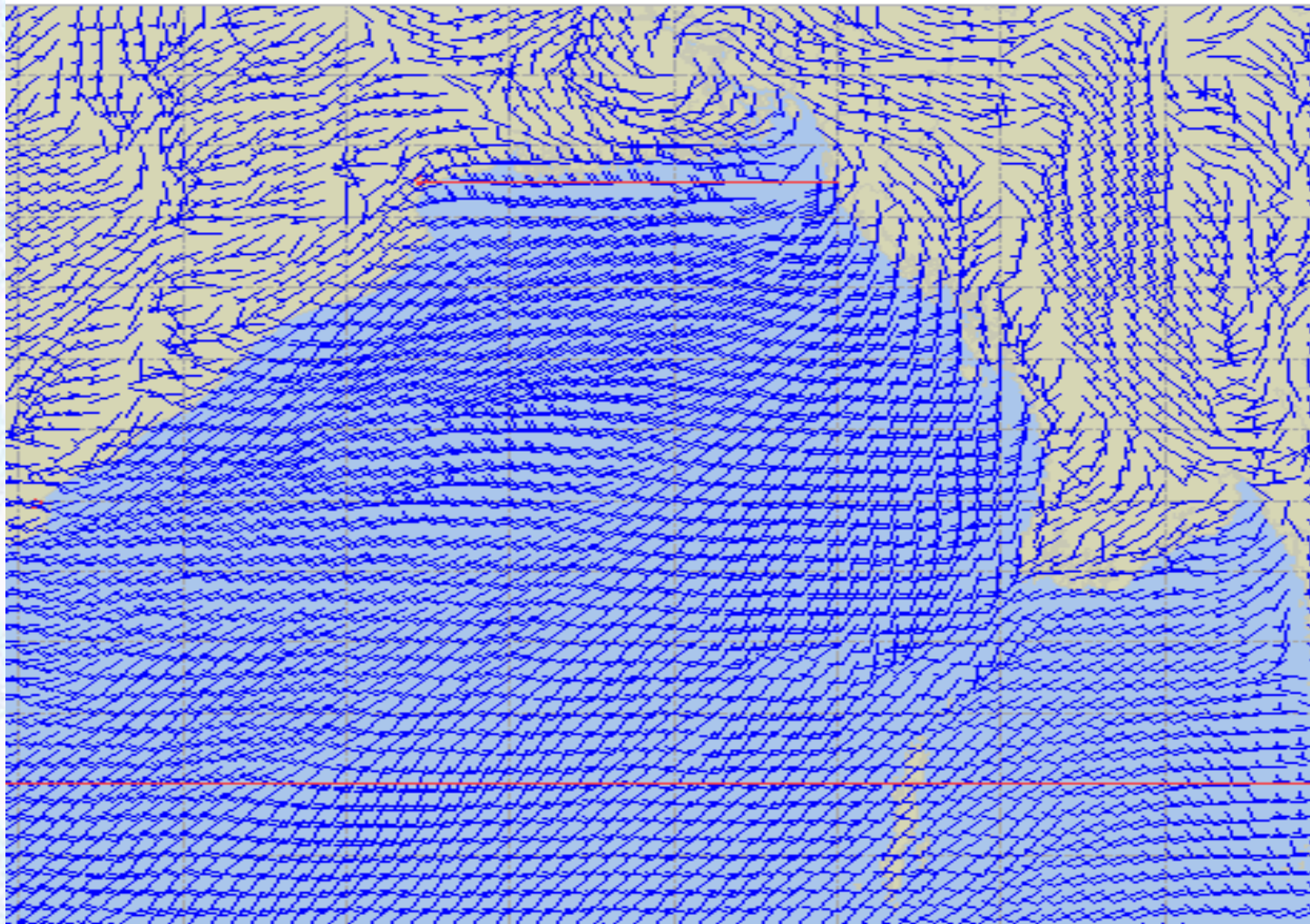
# Inland River Port Warning (VALID TILL 06 PM OF 18.06.2020)

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, DINAJPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, SYLHET, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, AND COXS BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE )R) ONE.

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



# Surface Wind Forecast- 19 Jun - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

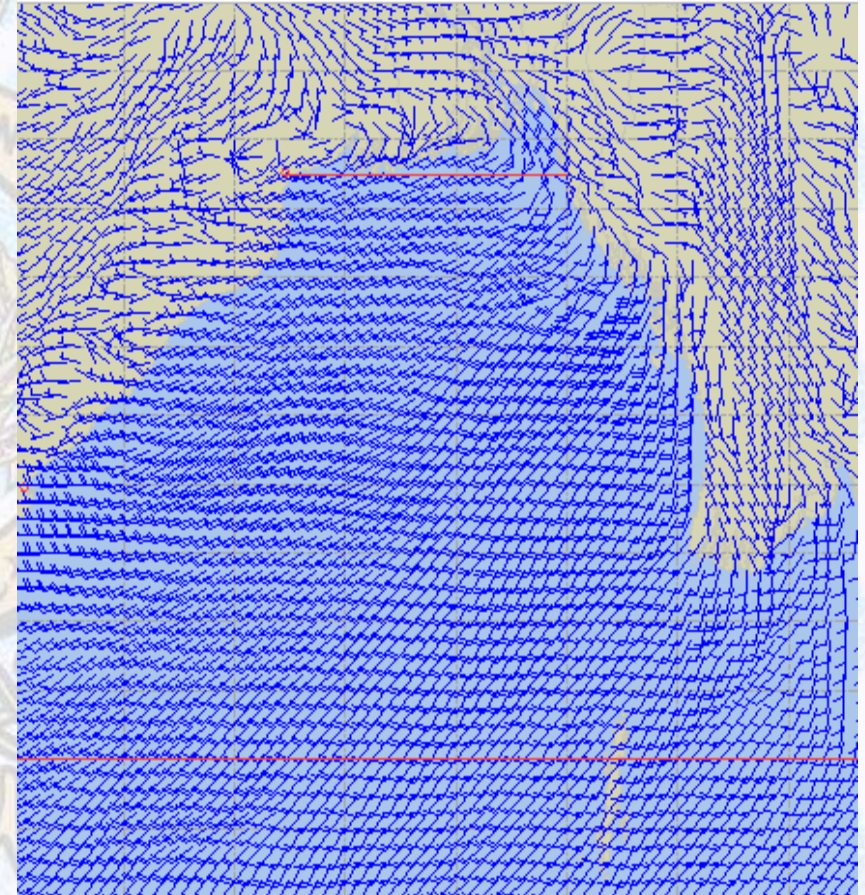
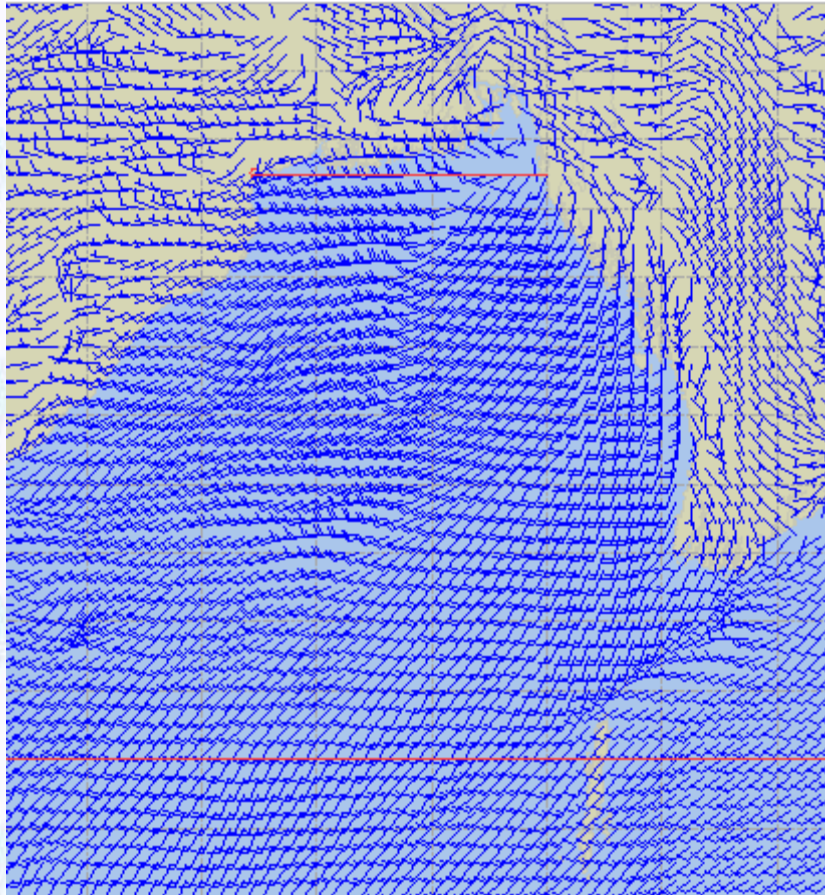




# Surface Wind Forecast – 20 & 21 Jun - 2021

20 Jun 21 Sunday

21 Jun 21 Monday



**Legend:**



Calm  
Winds



5 Knots



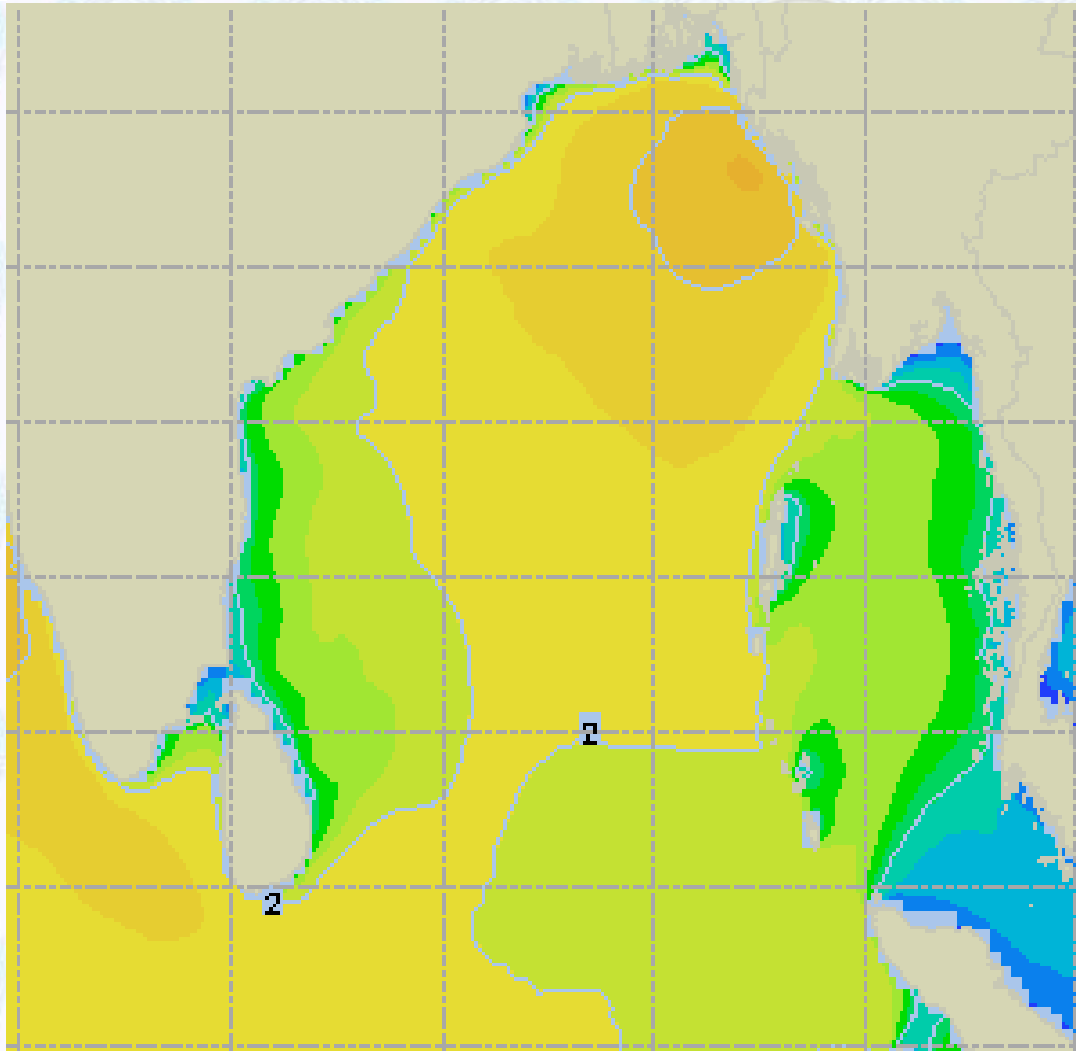
10 Knots



60 Knots



# Sea State Forecast – 19 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



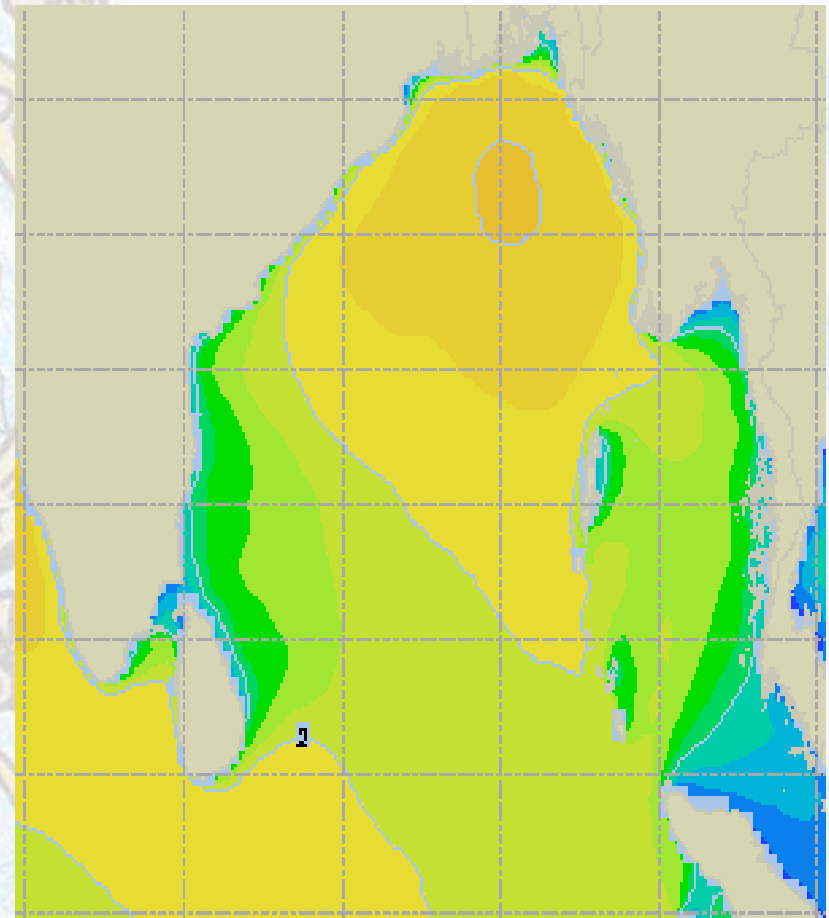
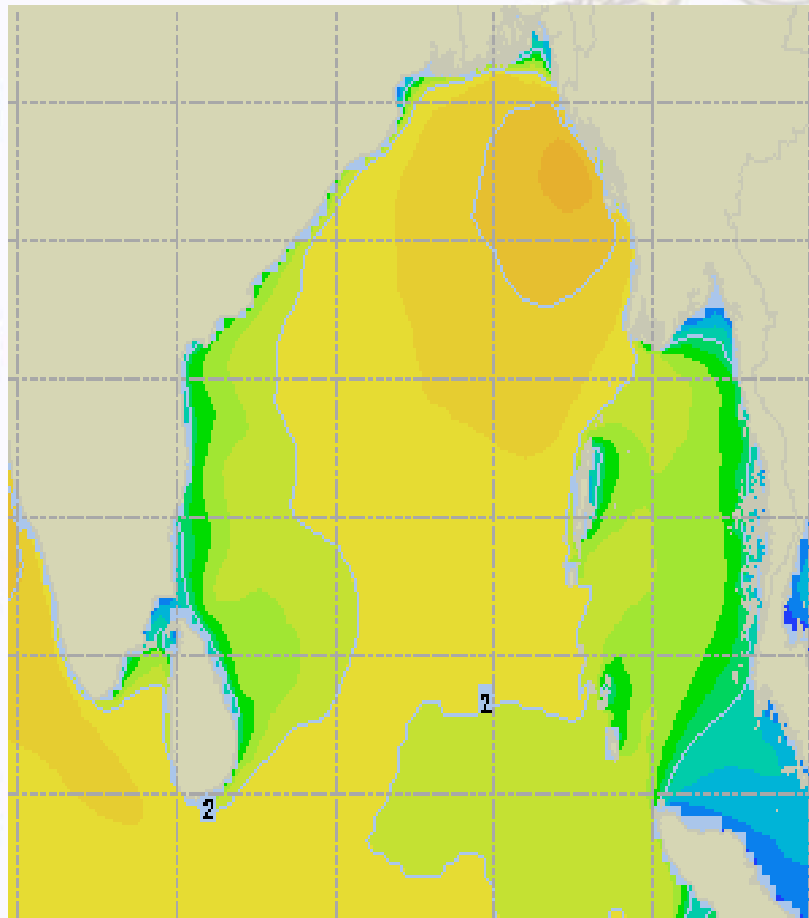




# Sea State Forecast – 20 & 21 Jun - 2021

20 Jun 21 Sunday

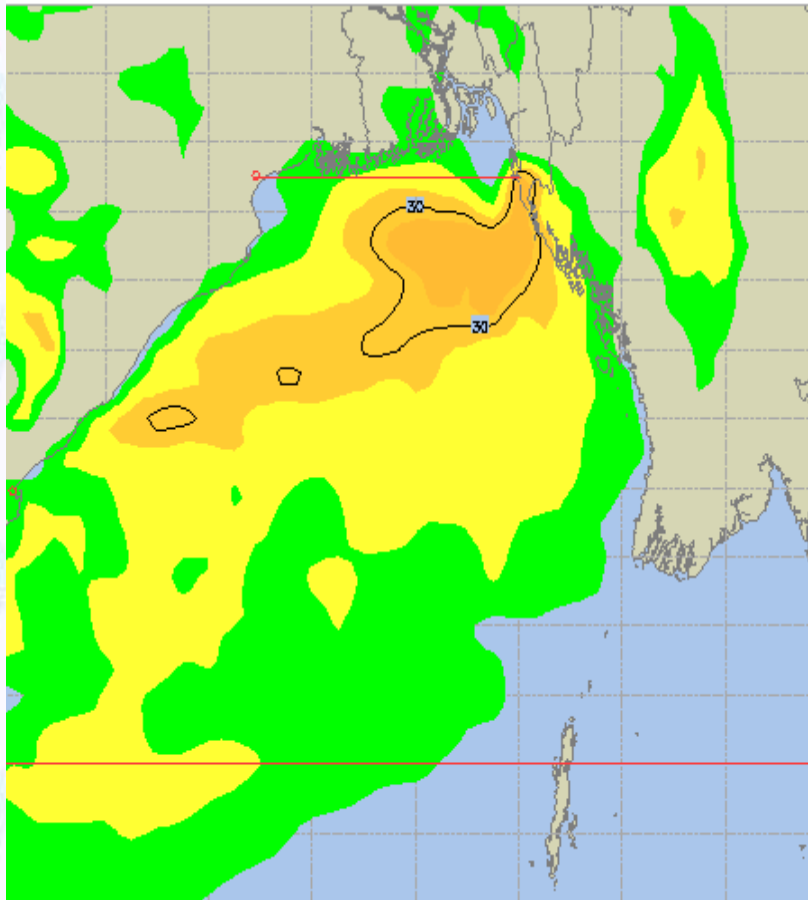
21 Jun 21 Monday



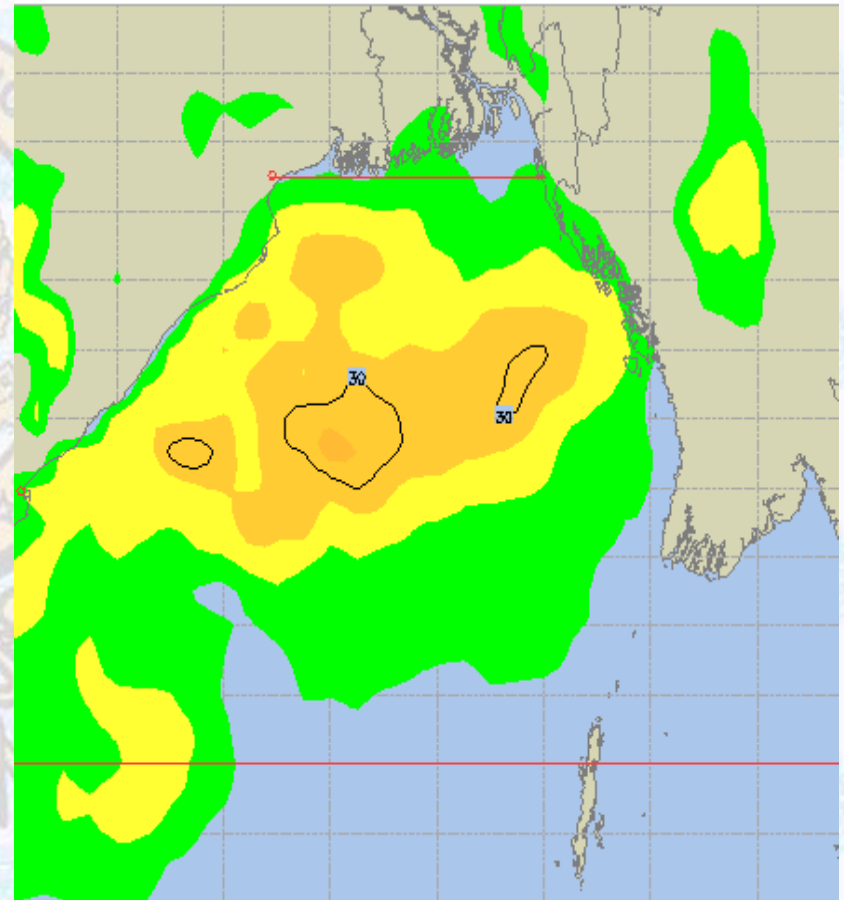


# Peak Gusting Possibilities– 19 & 20 Jun 2021

19 Jun 21 Saturday



20 Jun 21 Sunday

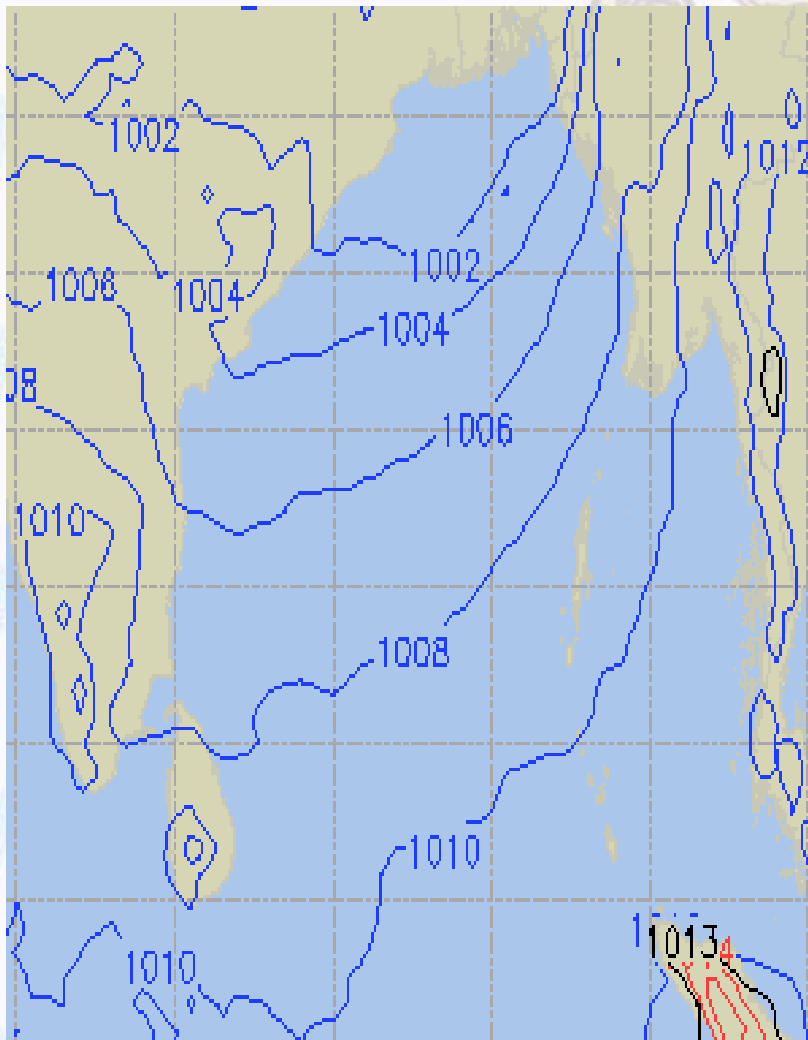




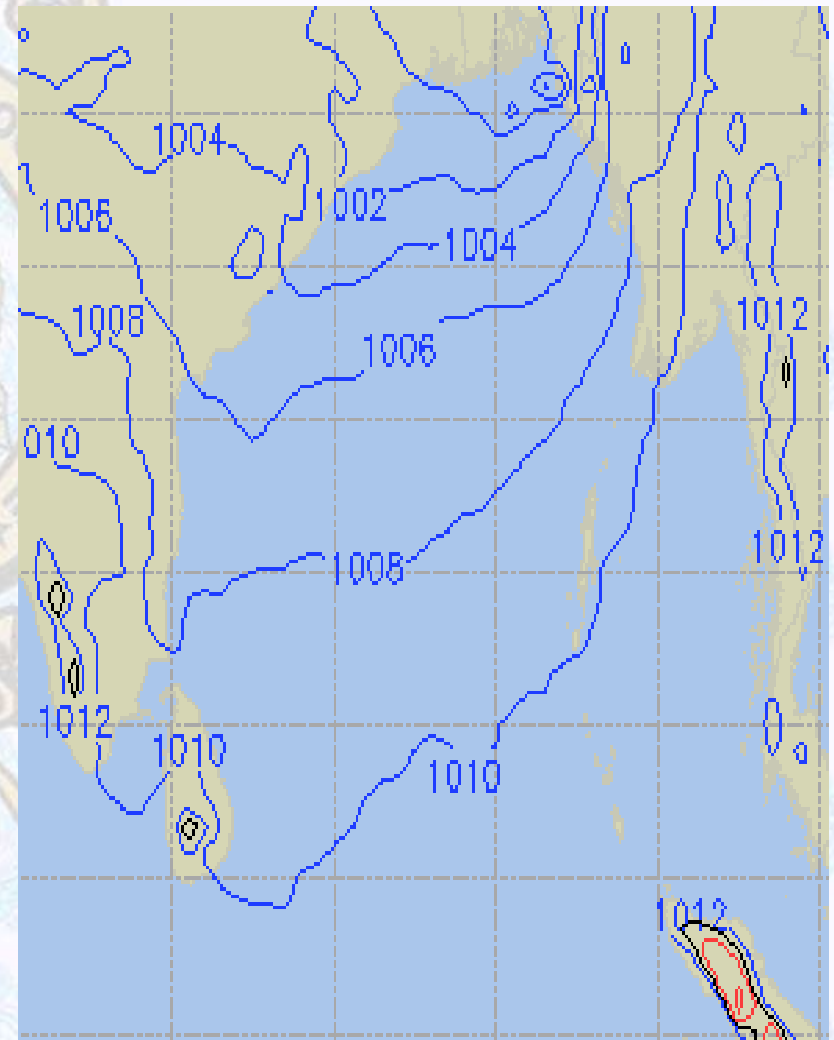


# Surface Pressure forecast – 19 & 20 Jun 2021

**19 Jun 21 Saturday**



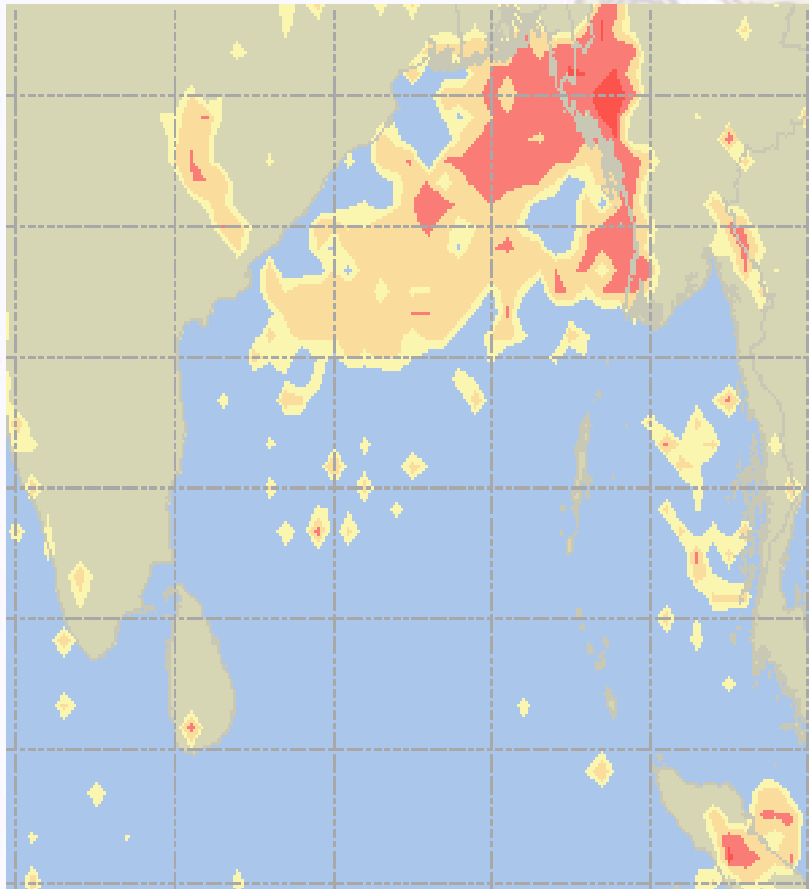
**20 Jun 21 Sunday**



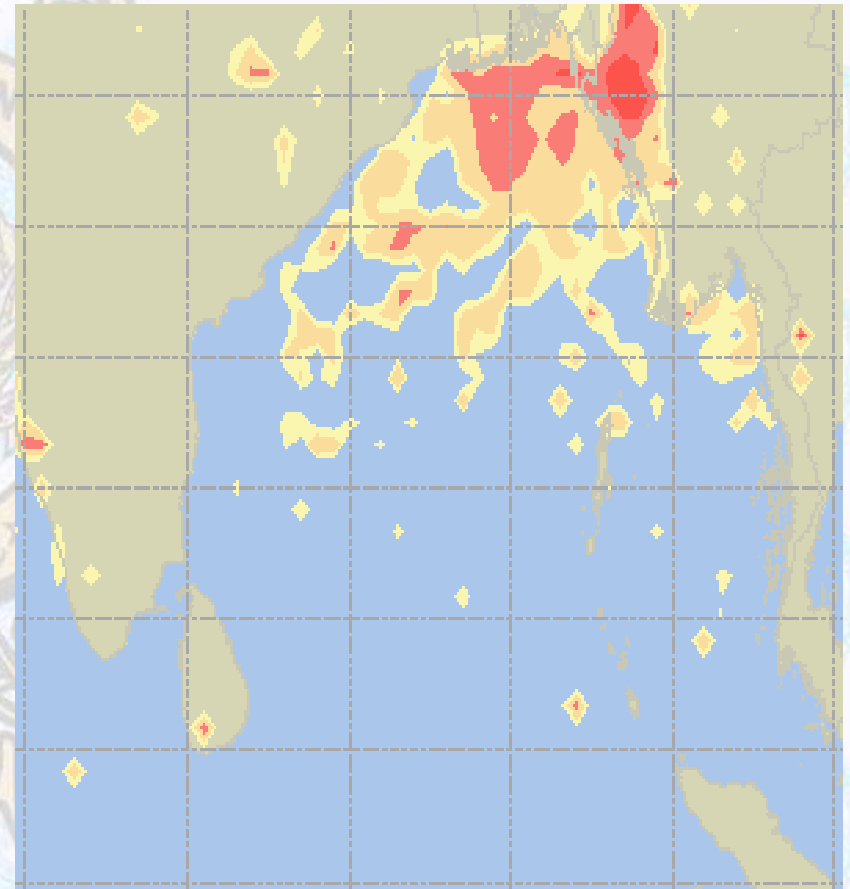


# Visibility at Sea Forecast – 19 & 20 Jun 2021

19 Jun 21 Saturday



20 Jun 21 Sunday



**Visibility Scale:**



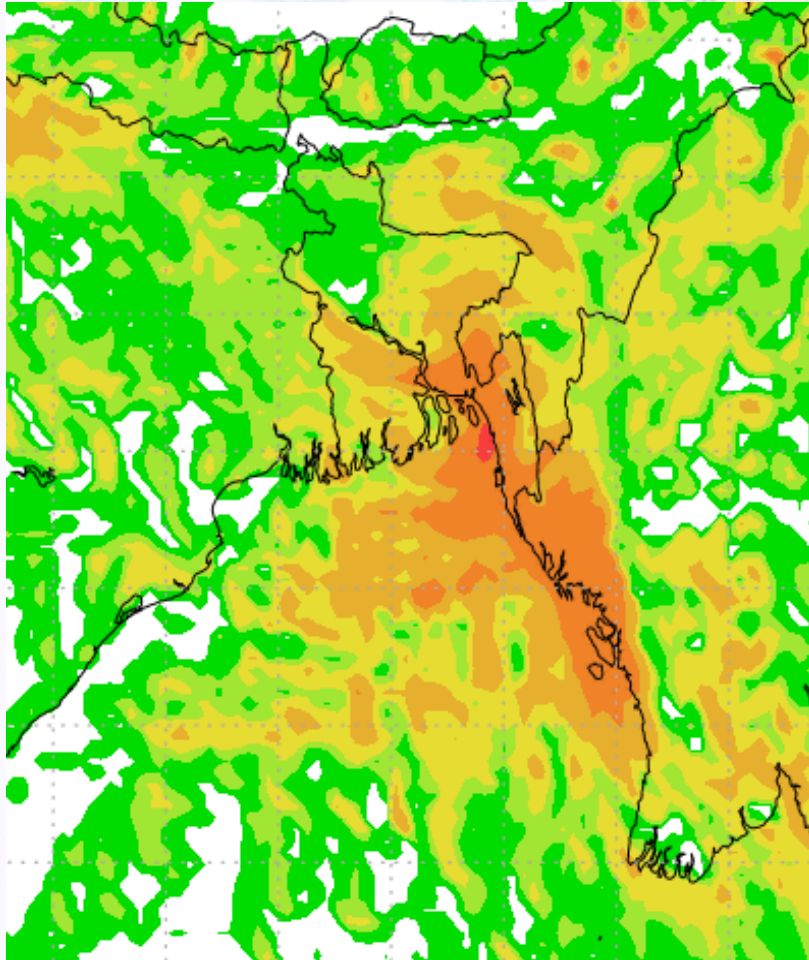
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



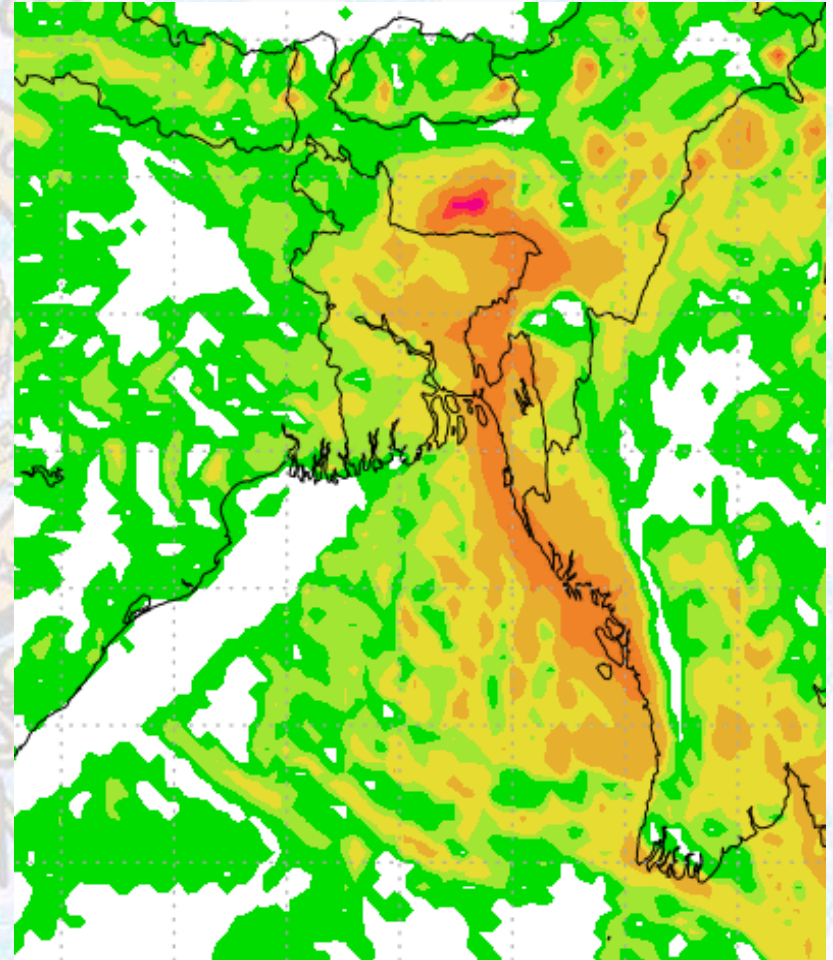


# Precipitation

Rain(mm) 19 & 20 Jun 2021



Rain(mm) 20 & 21 Jun 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>19 Jun 2021</b>	0130	1.21		0509	2.91		0452	2.85
	0738	4.52		1133	1.36		1103	1.47
	1402	1.46		1738	3.01		1703	2.87
	2002	4.53		-	-		2343	1.19
<b>20 Jun 2021</b>	Time	Height		Time	Height		Time	Height
	0240	1.16		0016	1.29		0606	2.96
	0849	4.71		0623	3.10		1222	1.44
	1520	1.36		1250	1.29		1817	2.85
	2112	4.57		1846	3.09		-	-
<b>21 Jun 2021</b>	Time	Height		Time	Height		Time	Height
	0347	1.06		0122	1.18		0424	1.85
	0953	4.94		0727	3.35		1051	1.10
	1629	1.19		1400	1.17		1742	2.06
	2217	4.67		1948	3.22		-	-