



WEATHER FORECAST FOR BN

27 - 30 MAY 2021



WEATHER FORECAST – DHAKA

27.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29°C / 24°C	30°C / 24°C	29°C / 22°C	29°C / 23°C
Wind	17 km/h SE	12 km/h SE	15 km/h SE	17 m/h ESE
Humidity	55%	57%	67%	69%
Chance of Precip	21%	15%	42%	21%
Cloud Cover	77%	68%	69%	63%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise / Sunset	0512 / 1839			

Conditions

Pressure : 1002 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

27.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33°C / 27°C	31°C / 24°C	30°C / 25°C	29°C / 24°C
Wind	10 km/h SSE	20 km/h SSE	15 km/h SE	20 km/h SE
Humidity	68%	69%	85%	85%
Chance of Precip.	7%	7%	65%	15%
Cloud Cover	48%	31%	35%	22%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise / Sunset	0509 / 1830			

Conditions

Pressure : 1000 hpa

Visibility : 4.27 Km

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



WEATHER FORECAST – KHULNA

27.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 25°C	30°C / 25°C	29°C / 25°C	28°C / 25°C
Wind	22 km/h SE	13 km/h SE	16 km/h SE	14 m/h S
Humidity	54%	58%	71%	79%
Chance of Precip.	12%	14%	39%	46%
Cloud Cover	50%	41%	41%	32%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise/ Sunset	0517 / 1840			

Conditions

Pressure : 998 hpa

Visibility : 10.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	28 May 2021	29 May 2021	30 May 2021
Temperature (C)	34°C / 27°C	35°C / 28°C	35°C / 28°C
Summary	Light Rain	Sunny	Partly Cloudy
Sun Rise/Set	5h11m18s/18h40m30s	5h10m54s/18h41m00s	5h10m54s/18h41m00s
Day Length	13h29m12s	13h30m06s	13h30m06s
Moon Rise/ Set	8:57PM/ 6:42AM	9:58PM/7:45AM	10:52PM / 8:50AM
Moon Phase/ illu	Waning Gibbous, 95%	Waning Gibbous, 88%	Waning Gibbous, 79%
Nautical Twilight	04:21, 19:29	04:22, 19:29	04:22, 19:29
Civil Twilight	04:50, 19:06	04:50, 19:07	04:50, 19:07
Humidity	D : 72% N : 79%	D : 72% N : 81%	D : 68% N : 81%
Barometer (mb)	1004	1004	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	19%	39%
Wind (km/hr)	18 Km/h, SSE	11 Km/h, SSW	13 Km/h, SW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	28 May 2021	29 May 2021	30 May 2021
Temperature (C)	33°C/ 27°C	33°C/ 27°C	33°C/ 27°C
Summary	Partly Cloudy	Partly Cloudy	Sunny
Sun Rise/Set	5h08m30s/ 18h31m48s	5h08m12s/ 18h32m18s	5h08m12s/ 18h32m18s
Day Length	13h23m18s	13h24m06s	13h24m06s
Moon Rise/ Set	8:47PM/ 6:40AM	9:58PM/ 7:45AM	10:52PM/ 8:50AM
Moon Phase/ illu	Waning Gibbous, 95%	Waning Gibbous, 88%	Waning Gibbous, 79%
Nautical Twilight	04:20, 19:27	04:20, 19:28	04:20, 19:28
Civil Twilight	04:45, 18:53	04:45, 18:54	04:45, 18:54
Humidity	D : 70% N : 86%	D : 73% N : 88%	D : 73% N : 88%
Barometer (mb)	1004	1003	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	18%	10%	24%
Wind (km/hr)	19 Km/h, SSW	15 Km/h, SW	17 Km/h, SSW

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



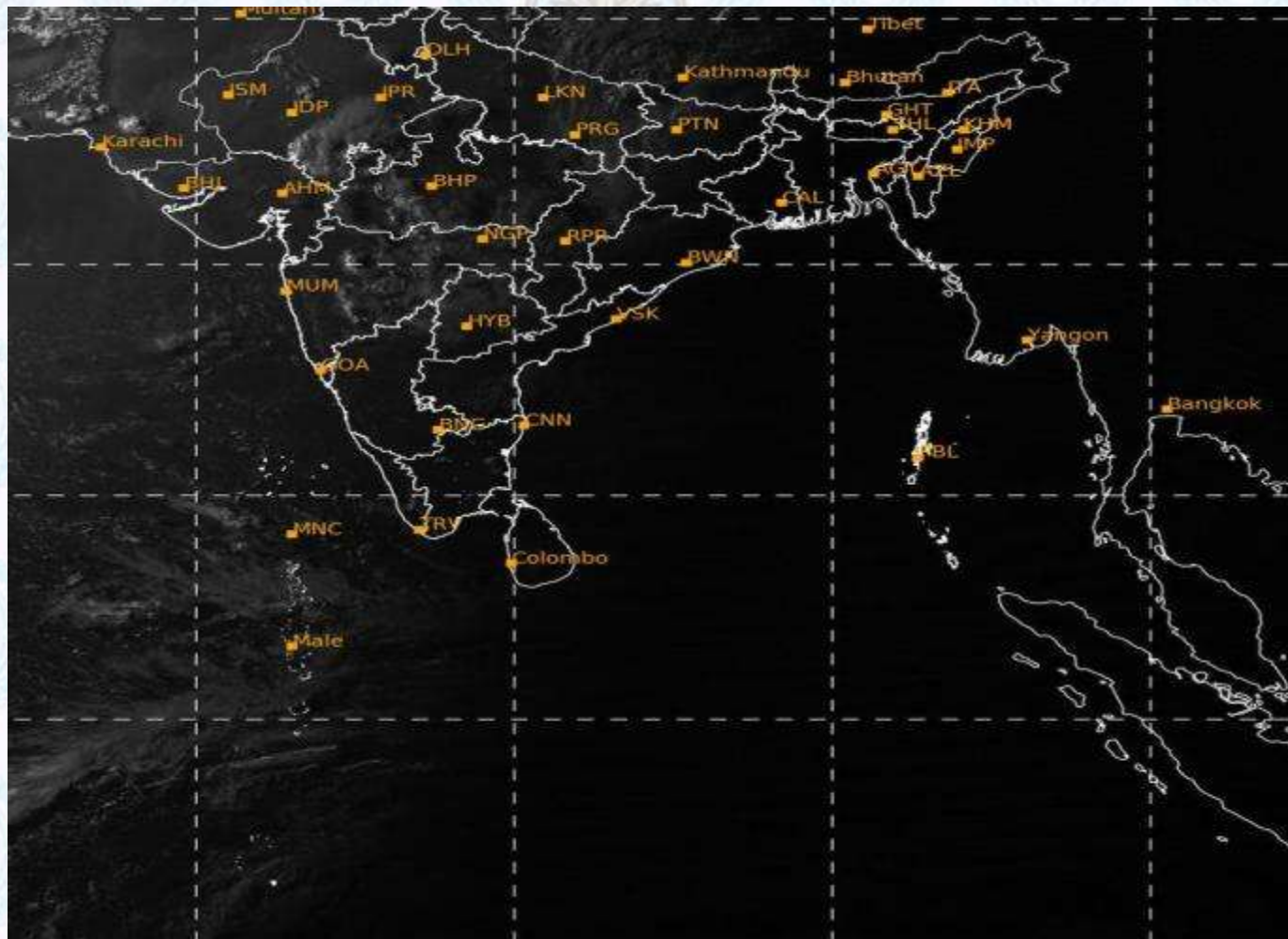
GENERAL WEATHER FORECAST – KHULNA

Description	28 May 2021	29 May 2021	30 May 2021
Temperature(C)	33°C / 28°C	34°C / 28°C	33°C / 28°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h16m42s/ 18h41m54s	5h16m18s/ 18h42m24s	5h16m18s/ 18h42m24s
Day Length	13h 25m 12s	13h 26m 06s	13h 26m 06s
Moon Rise/Set	8:57PM/ 6:42AM	9:58PM/7:45AM	10:52PM / 8:50AM
Moon Phase/illu	Waning Gibbous, 95%	Waning Gibbous, 88%	Waning Gibbous, 79%
Nautical Twilight	04:28, 19:33	04:28, 19:33	04:28, 19:33
Civil Twilight	04:53, 19:05	04:53, 19:05	04:53, 19:05
Humidity	D : 81% N : 87%	D : 76% N : 86%	D : 76% N : 86%
Barometer (mb)	1003	1003	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	24%	34%	14%
Wind (km/hr)	22 Km/h, SSE	14 Km/h, S	18 Km/h, S

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



SATELLITE VIEW OF BAY OF BENGAL



27/05/2021, 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 27.05.2021)

Part One	WARNING BAY OF BENGAL.	
Part Two	THE VERY SURFACE CYCLONIC STORM *YASS* OVER NORTH WEST BAY OFF NORTH ODISHA WEST BENGAL COAST MOVED NORTH NORTHWEST WARDS, CROSSED NORTH-ODISHA-WEST BENGAL COAST AT 26,0900 UTC AND THEN WEAKENED INTO A SEVERE CYCLONIC STORM IT MOVED FURTHER NORTHWEST WARDS AND WEAKENED INTO A CYCLONIC STORM AND THEN INTO A DEEP DEPRESSION OVER NORTH ODISHA AND ADJONING JHARKHAND (NEAR. LAT.22.7°N & LONG 85.5°E AT 27,0000 UTC. IT IS LIKELY TO MOVE NORTH-NORTHWEST WARDS FURTHER AND WEAKEN GRADUALLY . STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY AND COASTAL AREAS OF BANGLADESH. SEA WILL REMAIN ROUGH.	
Part Three	Weather	<u>AREA F/C VALID FOR NEXT 08 HRS. COMMENCING OF 27.0900:</u>
	Wind	S/SE'LY, 20-30 KTS, TEMPORARY GUSTING TO 35-40 KTS.
	Visibility	02-04 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 27,0000 UTC. CHATTOGRAM =1006 HPA



Inland River Port Warning **(VALID TILL 06 PM OF 27.05.2020)**

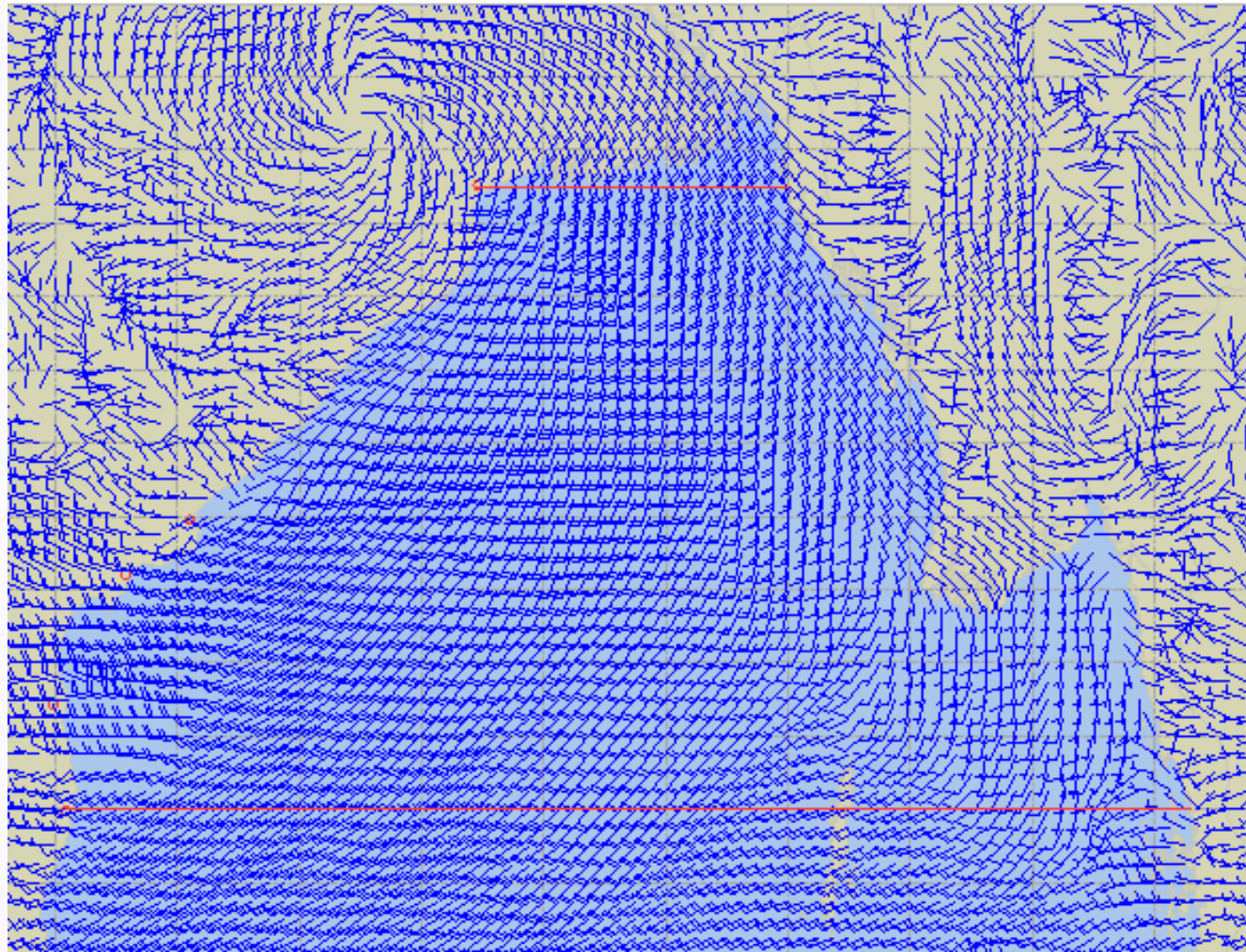
RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH-EAST/EASTERLY** SQUALLS SPEED 60-80 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, PABNA, BOGURA, JASHORE, KUSHTIA, KHULNA, BARISHAL, DHAKA, FARIDPUR, MADARIPUR, CUMILLA, PATUAKHALI, NOAKHALI AND CHATTOGRAM WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. **TWO (R) TWO**.

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH-EAST/EASTERLY** GUSTY/SQUALL WIND SPEED **45-60** KPH IS LIKELY TO OCCUR ELSEWHERE OVER THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**

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



Surface Wind Forecast- 28 May - 2021



Legend:



Calm
Winds



5 Knots



10 Knots



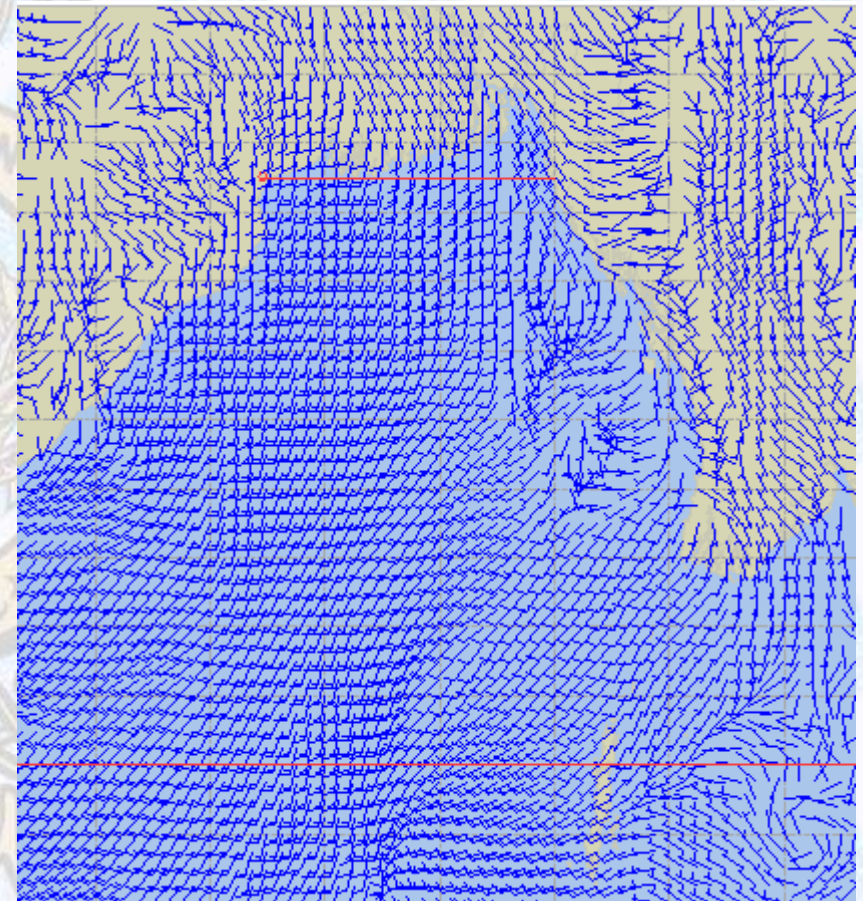
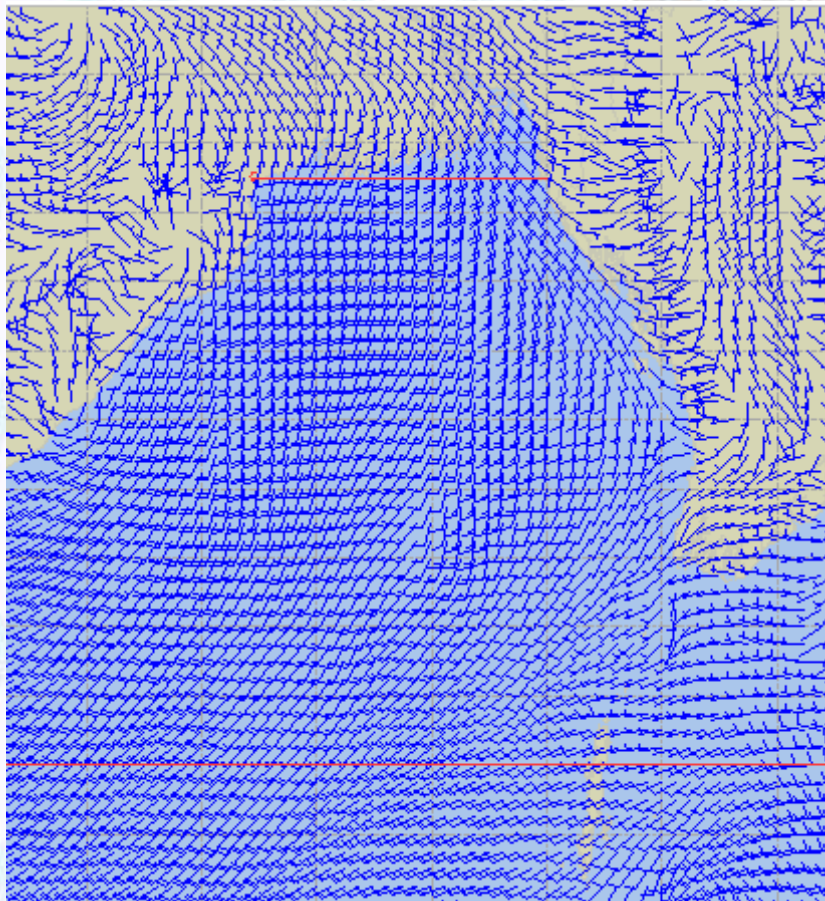
60 Knots



Surface Wind Forecast – 29 & 30 May - 2021

29 May 21 Saturday

30 May 21 Sunday



Legend:



Calm
Winds



5 Knots



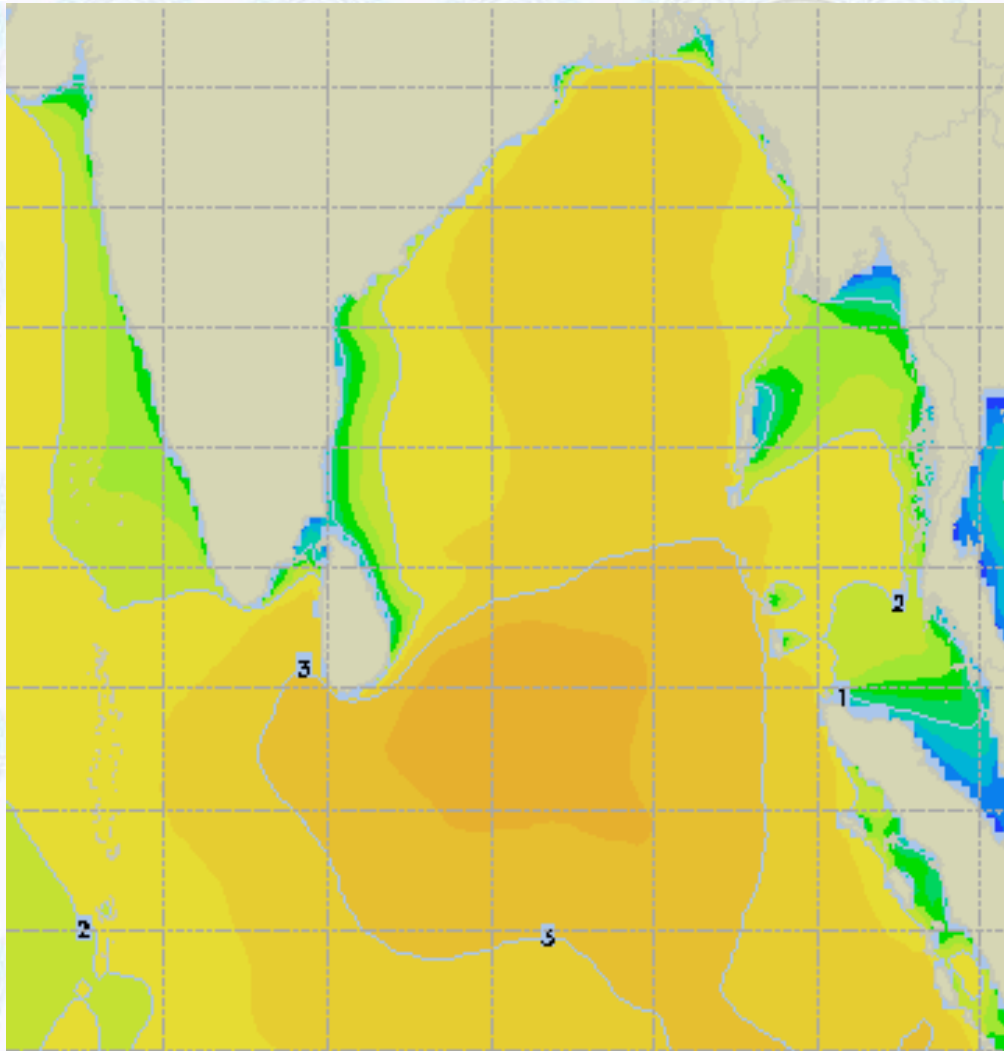
10 Knots



60 Knots



Sea State Forecast – 28 May - 2021



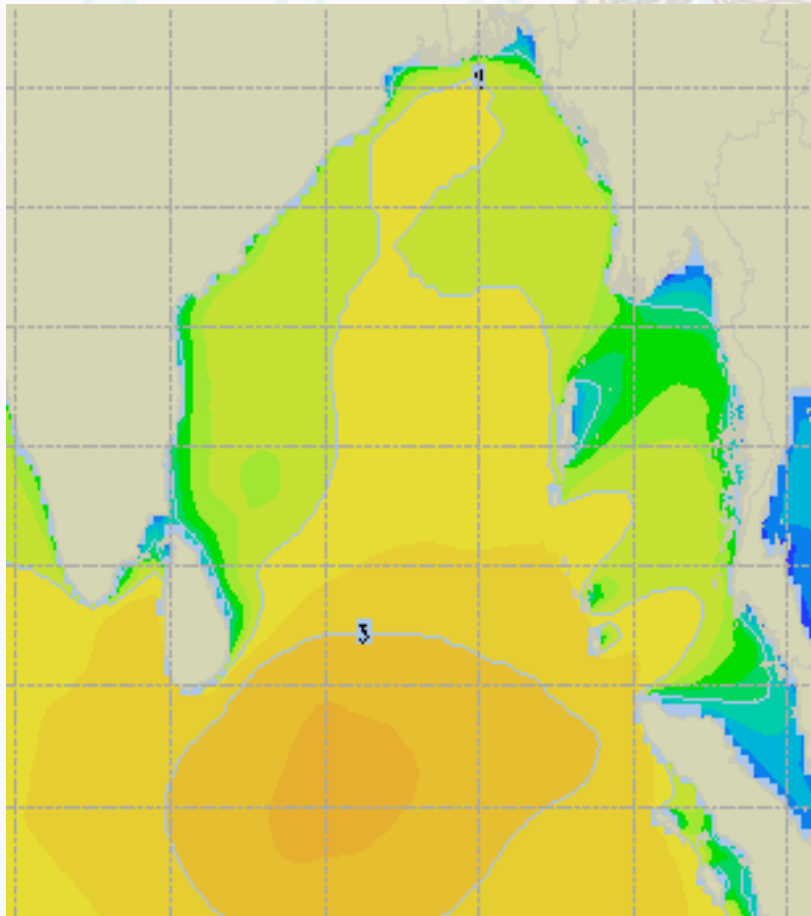
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



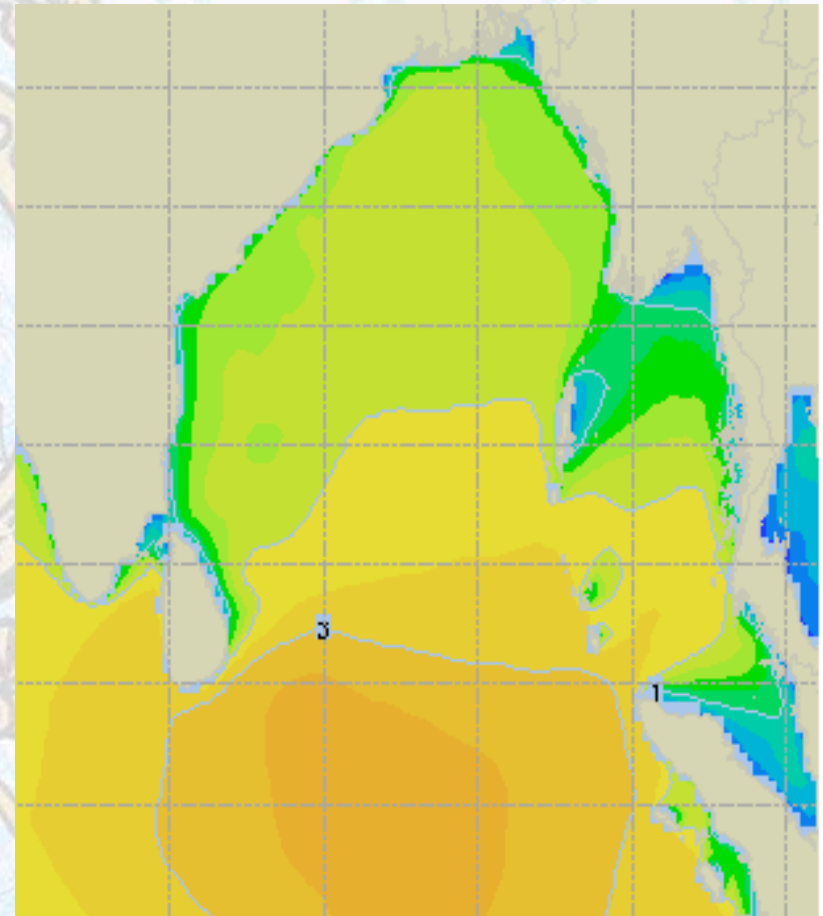


Sea State Forecast – 29 & 30 May - 2021

29 May 21 Saturday



30 May 21 Sunday

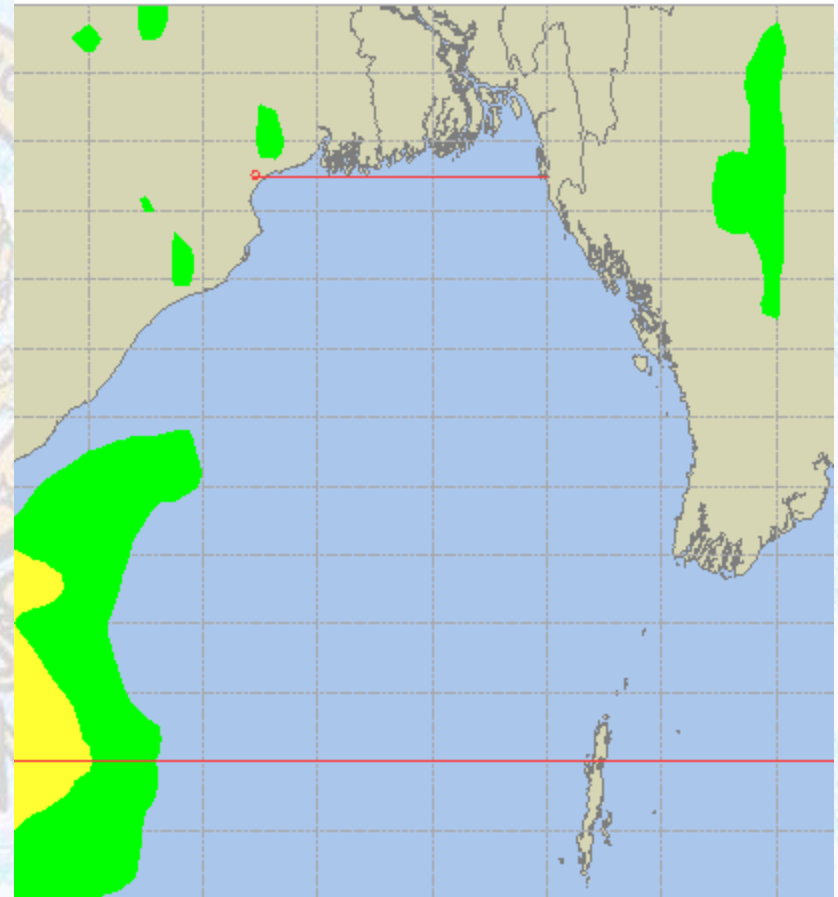
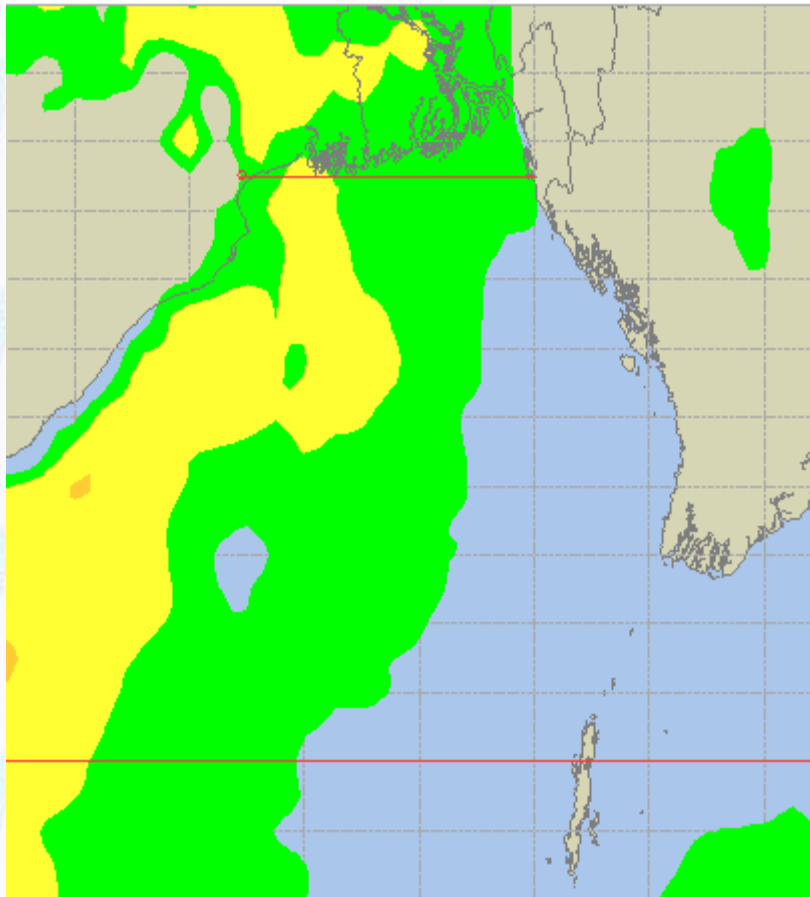




Peak Gusting Possibilities— 28 & 29 May 2021

28 May 21 Friday

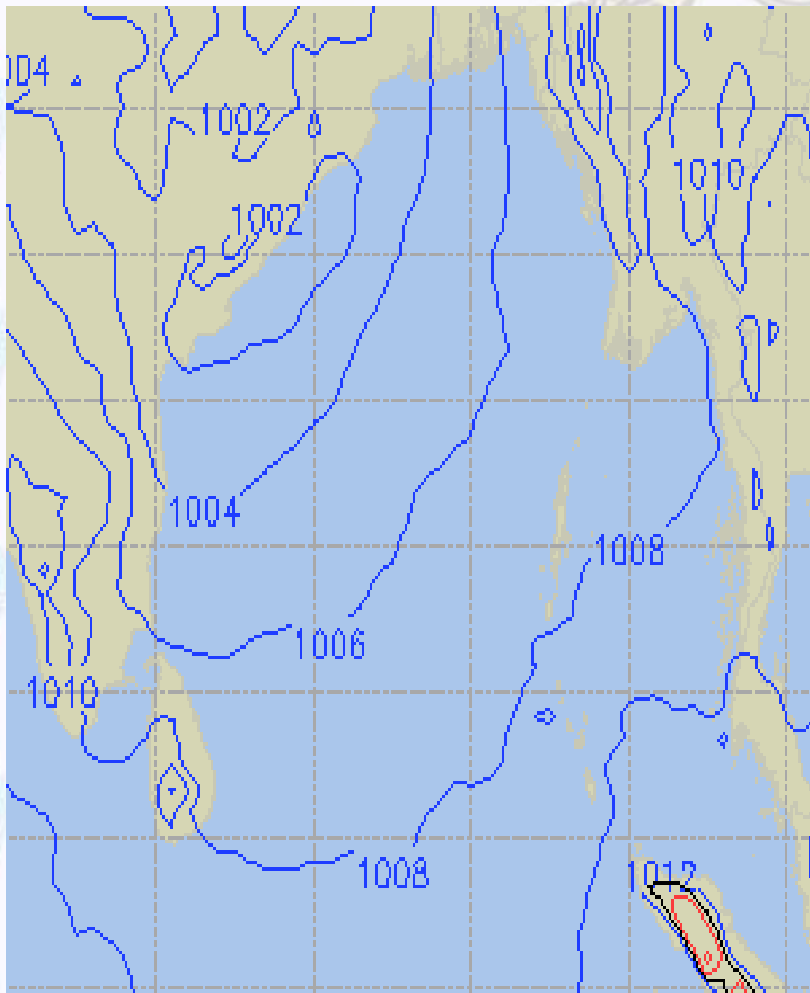
29 May 21 Saturday



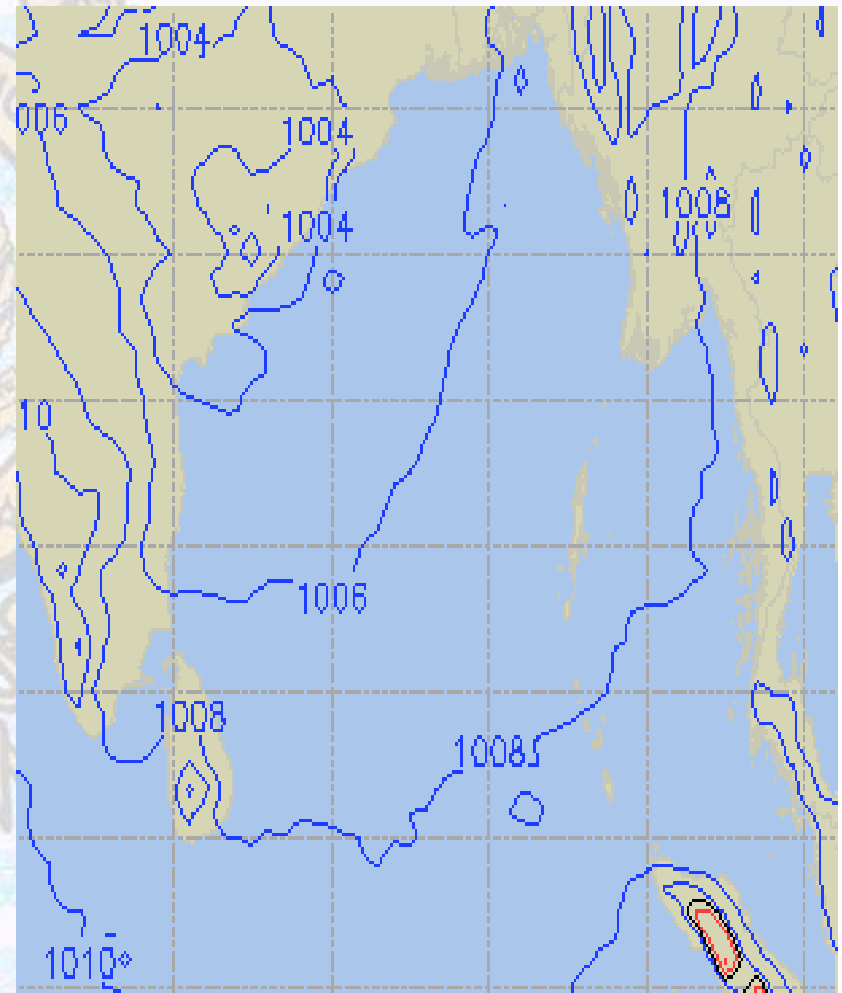


Surface Pressure forecast – 28 & 29 May 2021

28 May 21 Friday



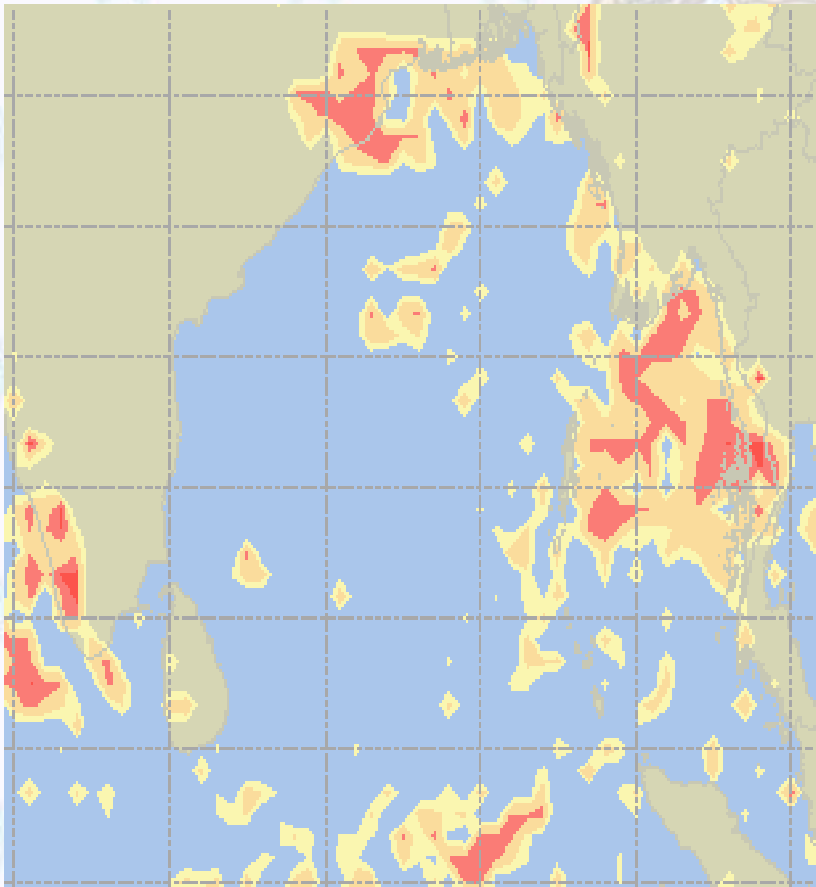
29 May 21 Saturday



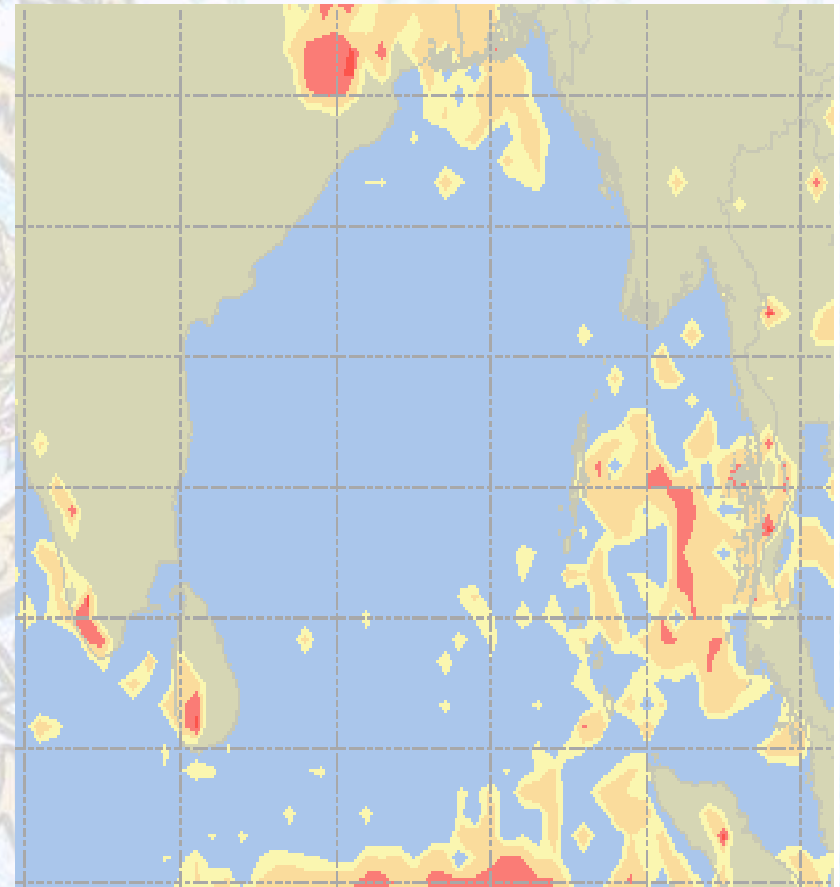


Visibility at Sea Forecast – 28 & 29 May 2021

28 May 21 Friday



29 May 21 Saturday



Visibility Scale:

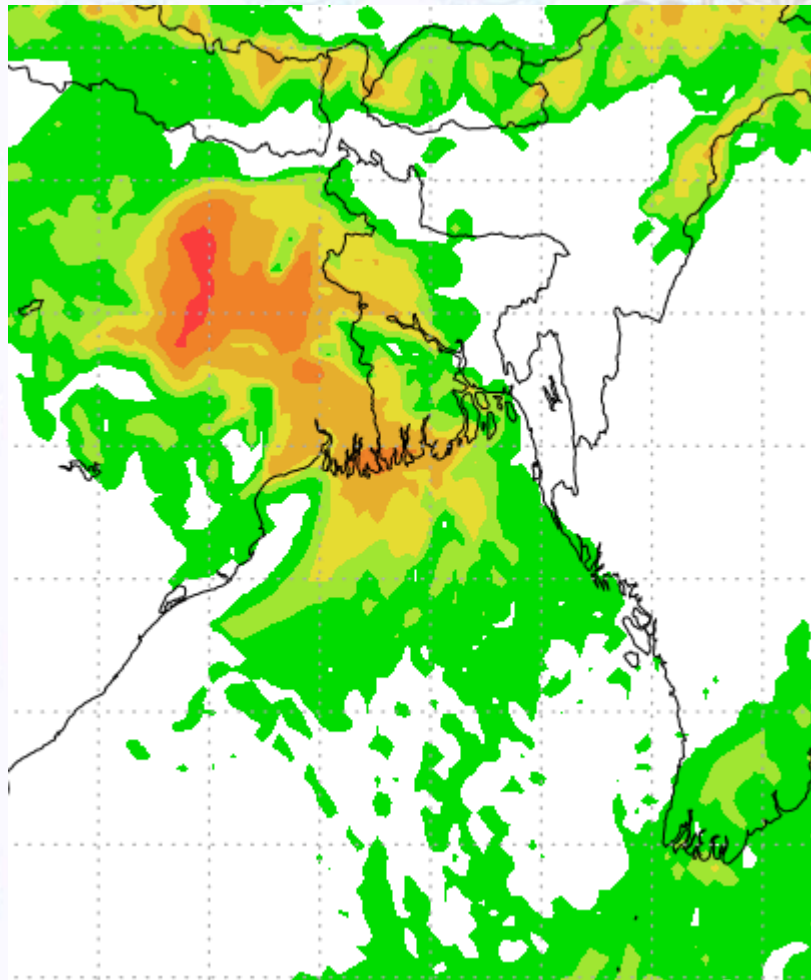


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

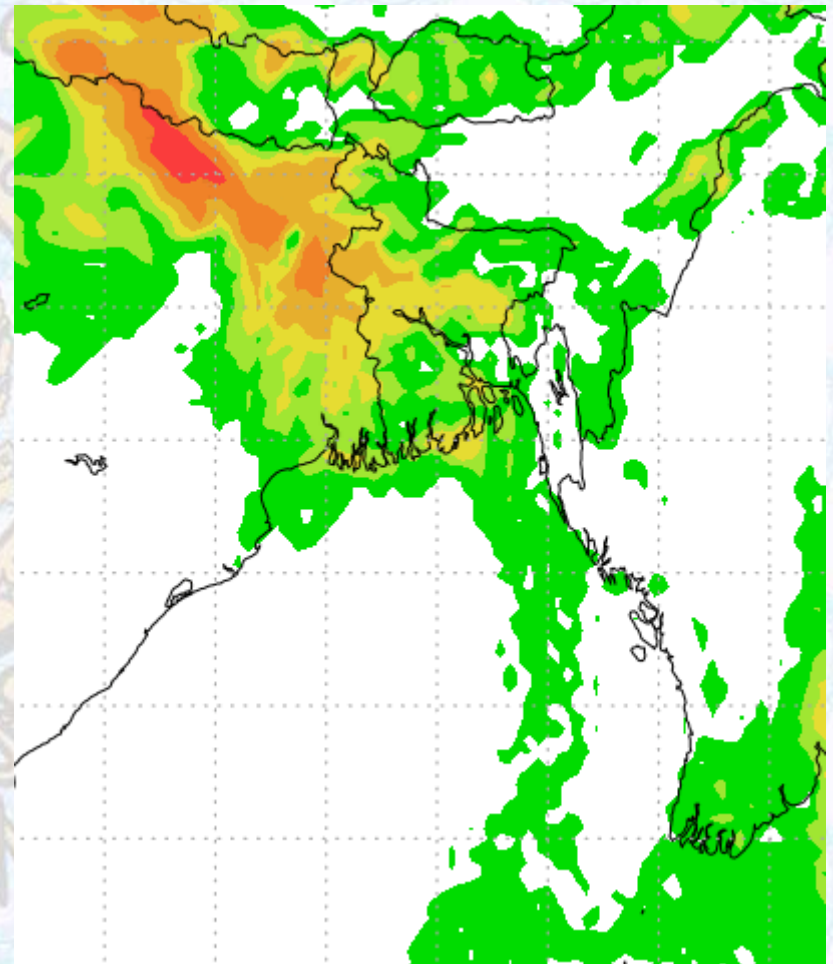


Precipitation

Rain(mm) 28 & 29 May 2021



Rain(mm) 29 & 30 May 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
28 May 2021	0417	4.92		0557	0.50		0536	0.59
	0816	0.53		1149	3.74		1143	3.43
	1406	5.31		1828	0.66		1817	0.78
	2051	0.66		-	-		-	-
29 May 2021	Time	Height		Time	Height		Time	Height
	0233	4.85		0007	3.42		0005	3.00
	0858	0.63		0640	0.60		0618	0.71
	1452	5.22		1235	3.79		1227	3.34
	2137	0.74		1913	0.77		1902	0.89
30 May 2021	Time	Height		Time	Height		Time	Height
	0322	4.72		0054	3.25		0050	2.89
	0942	0.80		0723	0.76		0700	0.88
	1542	5.06		1322	3.59		1312	3.22
	2227	0.86		1958	0.93		1950	1.01