



WEATHER FORECAST FOR BN

20 - 23 JUN 2021



WEATHER FORECAST – DHAKA

20.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29°C / 25°C	29°C / 25°C	28°C / 24°C	27°C / 24°C
Wind	11 km/h SW	12 km/h S	9 km/h S	7 km/h S
Humidity	80%	79%	82%	84%
Chance of Precip	42%	20%	51%	63%
Cloud Cover	94%	89%	69%	75%
Conditions	Rain	Rain	Rain	Rain
Sunrise / Sunset	0512 / 1849			

Conditions

Pressure : 1004 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

20.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27°C / 25°C	26°C / 25°C	27°C / 26°C	26°C / 25°C
Wind	10 km/h S	15 km/h S	13 km/h SSE	13 km/h SSE
Humidity	91%	94%	97%	94%
Chance of Precip.	34%	41%	81%	71%
Cloud Cover	95%	94%	87%	87%
Conditions	Rain	Rain	Rain	Rain
Sunrise / Sunset	0510 / 1840			

Conditions

Pressure : 1006 hpa

Visibility : 6.44 Km

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



WEATHER FORECAST – KHULNA

20.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29°C / 26°C	29°C / 26°C	28°C / 26°C	27°C / 26°C
Wind	10 km/h SW	9 km/h SW	5 km/h SSW	5 m/h SSW
Humidity	84%	84%	91%	94%
Chance of Precip.	52%	20%	30%	44%
Cloud Cover	93%	93%	87%	79%
Conditions	Rain	Rain	Rain	Rain
Sunrise/ Sunset	0517 / 1849			

Conditions

Pressure : 1004 hpa

Visibility : 12.87 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	21 Jun 2021	22 Jun 2021	23 Jun 2021
Temperature (C)	30°C / 26°C	31°C / 26°C	31°C / 26°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h12m00s/18h48m36s	5h12m12s/18h48m48s	5h12m30s/18h49m06s
Day Length	13h36m36s	13h36m36s	13h36m36s
Moon Rise/ Set	3:09PM/ 1:57AM	4:15PM/ 2:40AM	5:25PM/ 3:29AM
Moon Phase/ illu	Waxing Gibbous, 81%	Waxing Gibbous, 89%	Waxing Gibbous, 96%
Nautical Twilight	04:16, 19:44	04:16, 19:44	04:15, 19:45
Civil Twilight	04:46, 19:13	04:46, 19:14	04:45, 19:14
Humidity	D : 82% N : 88%	D : 80% N : 86%	D : 78% N : 86%
Barometer (mb)	1004	1003	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	77%	86%	73%
Wind (km/hr)	9 Km/h, S	11 Km/h, S	14 Km/h, S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	21 Jun 2021	22 Jun 2021	23 Jun 2021
Temperature (C)	28°C/ 25°C	29°C/ 25°C	29°C/ 25°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h09m30s/ 18h39m30s	5h09m42s/ 18h39m42s	5h10m00s/ 18h40m00s
Day Length	13h30m00s	13h30m00s	13h30m00s
Moon Rise/ Set	3:01PM/ 1:53AM	4:07PM/ 2:36AM	5:16PM/ 3:25AM
Moon Phase/ illu	Waxing Gibbous, 81%	Waxing Gibbous, 89%	Waxing Gibbous, 96%
NauticalTwilight	04:14, 19:34	04:14, 19:34	04:13, 19:35
Civil Twilight	04:44, 19:04	04:44, 19:04	04:43, 19:05
Humidity	D : 89% N : 93%	D : 86% N : 93%	D : 86% N : 94%
Barometer (mb)	1005	1004	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	89%	60%	68%
Wind (km/hr)	13 Km/h, S	14 Km/h, S	15 Km/h, S

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



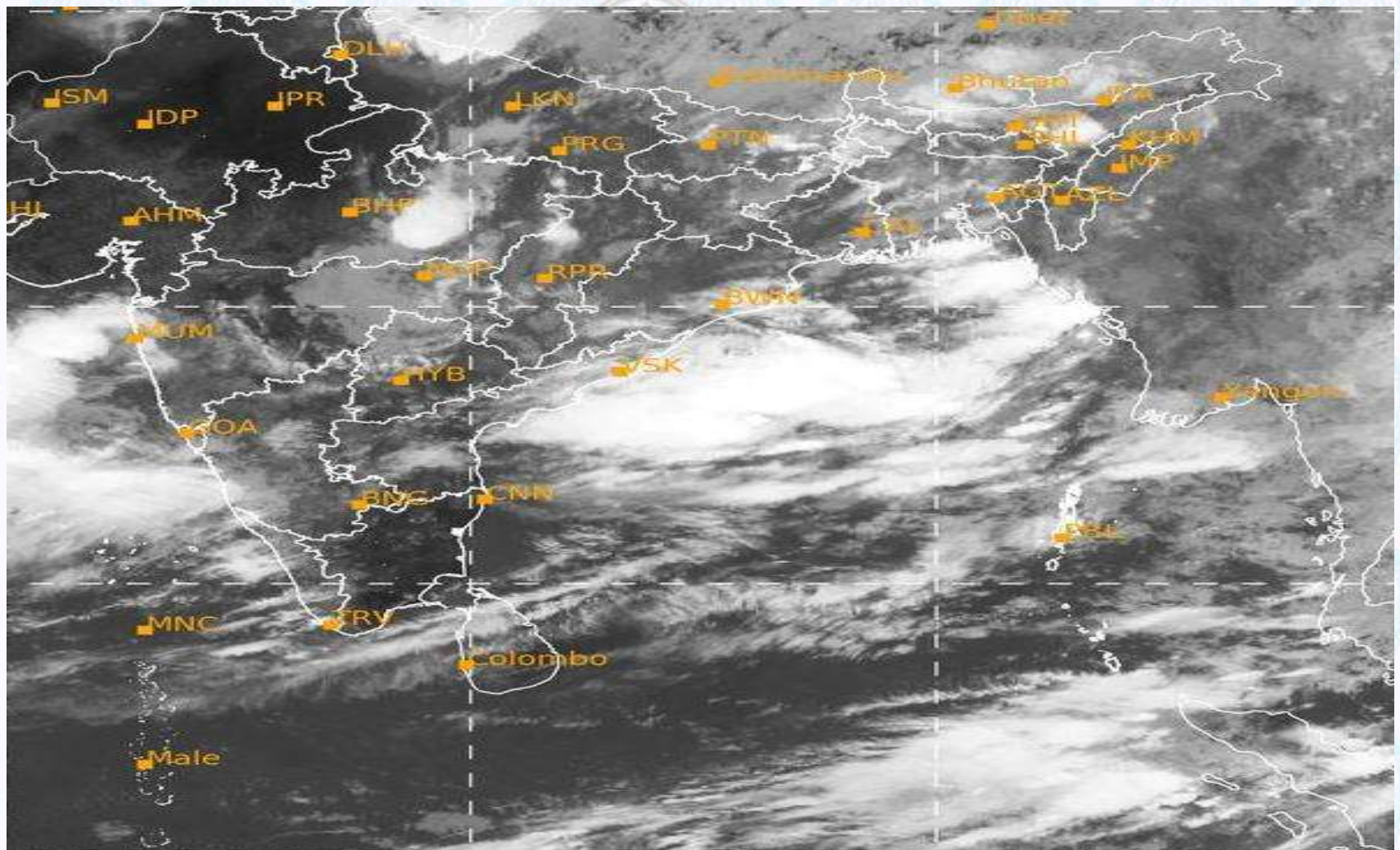
GENERAL WEATHER FORECAST – KHULNA

Description	21 Jun 2021	22 Jun 2021	23 Jun 2021
Temperature(C)	30°C / 27°C	31°C / 26°C	30°C / 26°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h17m36s/ 18h49m48s	5h17m48s/ 18h50m00s	5h18m06s/ 18h50m18s
Day Length	13h 32m 12s	13h 32m 12s	13h 32m 12s
Moon Rise/Set	3:11PM/ 2:01AM	4:17PM/ 2:45AM	5:27PM/ 3:34AM
Moon Phase/illu	Waxing Gibbous, 81%	Waxing Gibbous, 89%	Waxing Gibbous, 96%
Nautical Twilight	04:22, 19:45	04:22, 19:45	04:21, 19:46
Civil Twilight	04:52, 19:14	04:52, 19:15	04:51, 19:15
Humidity	D : 87% N : 93%	D : 85% N : 94%	D : 85% N : 93%
Barometer (mb)	1004	1003	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	85%	81%	80%
Wind (km/hr)	8 Km/h, SW	11 Km/h, SSW	13 Km/h, S

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



SATELLITE VIEW OF BAY OF BENGAL

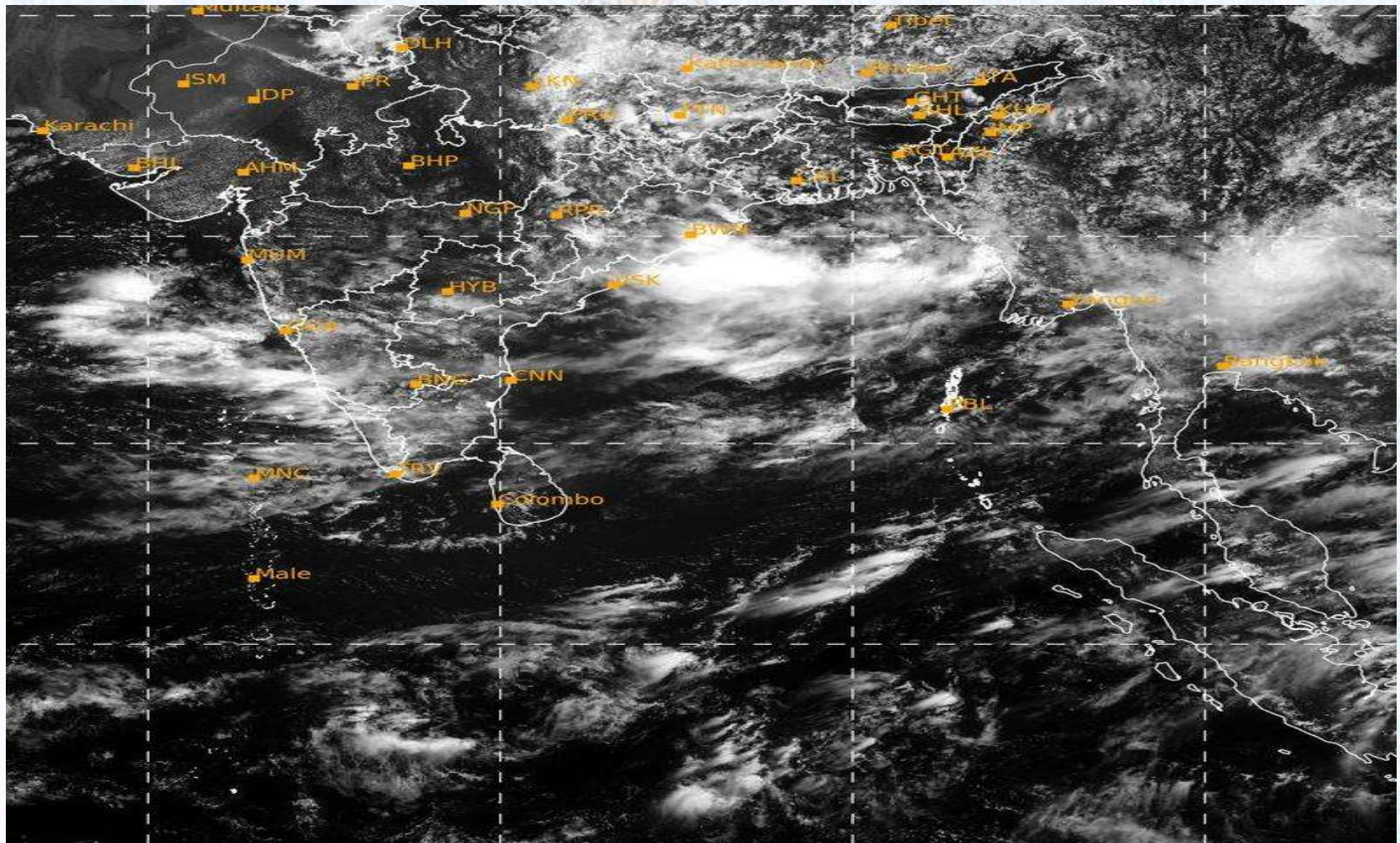


20/06/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



20/06/2021, 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 20.06.2021)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY 12-18 KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 20,0000 UTC. CHATTOGRAM =1006 HPA



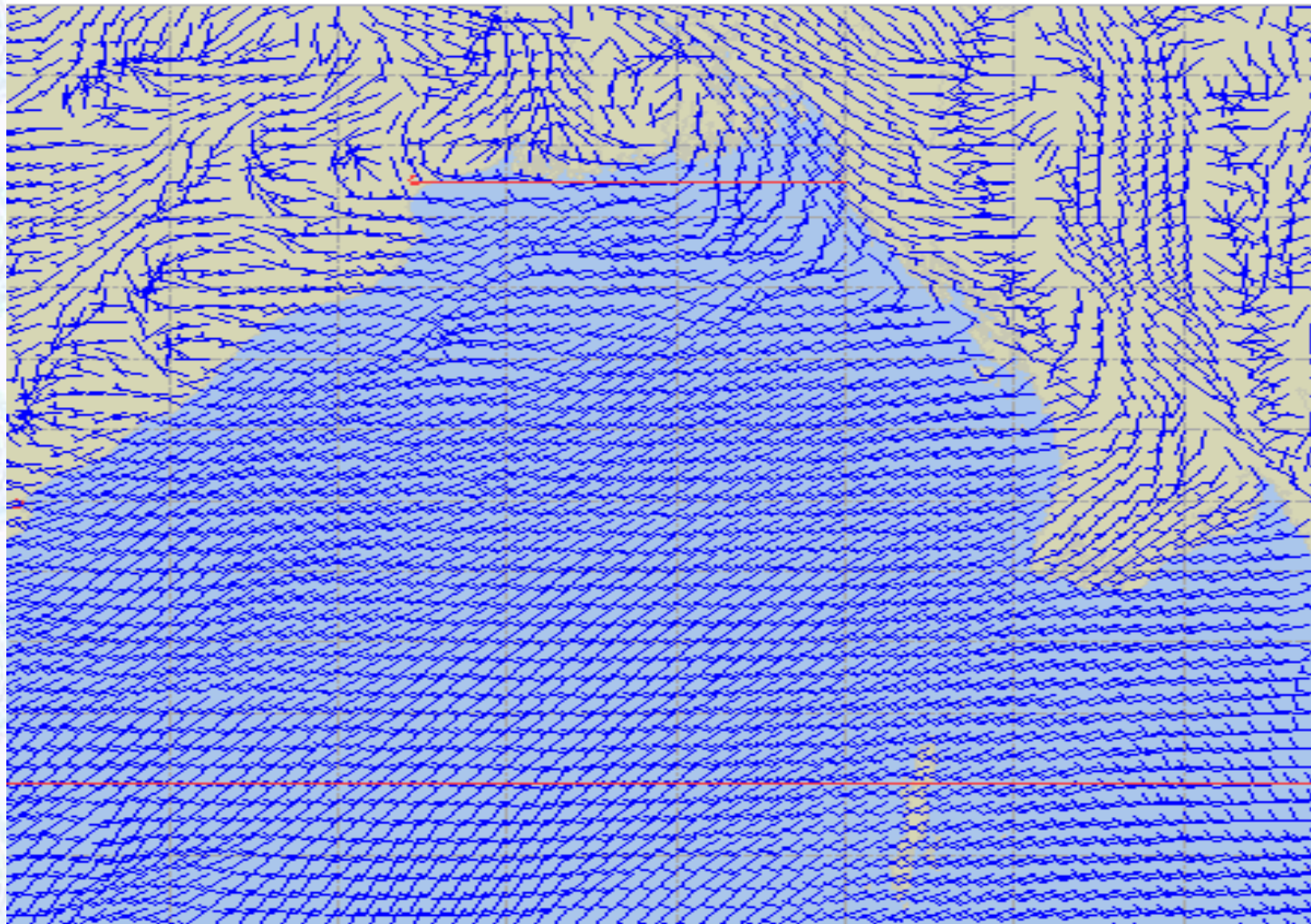
Inland River Port Warning **(VALID TILL 06 PM OF 20.06.2020)**

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, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHLAI, NOAKHALI, CUMILLA, CHATTOGRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



Surface Wind Forecast- 21 Jun - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



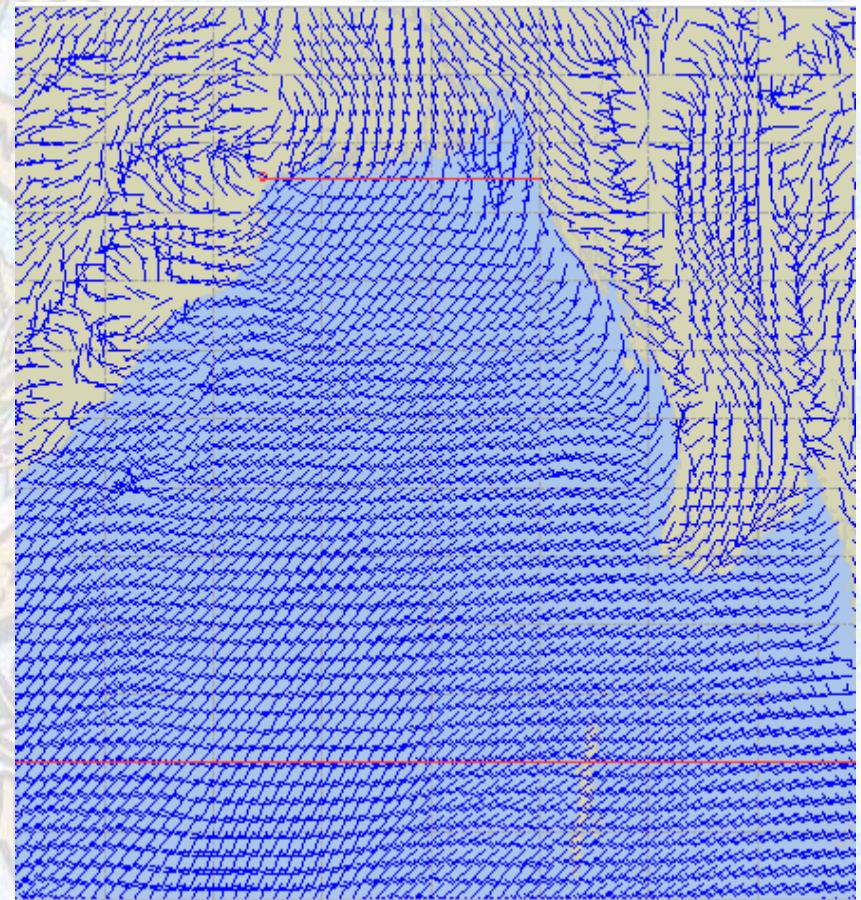
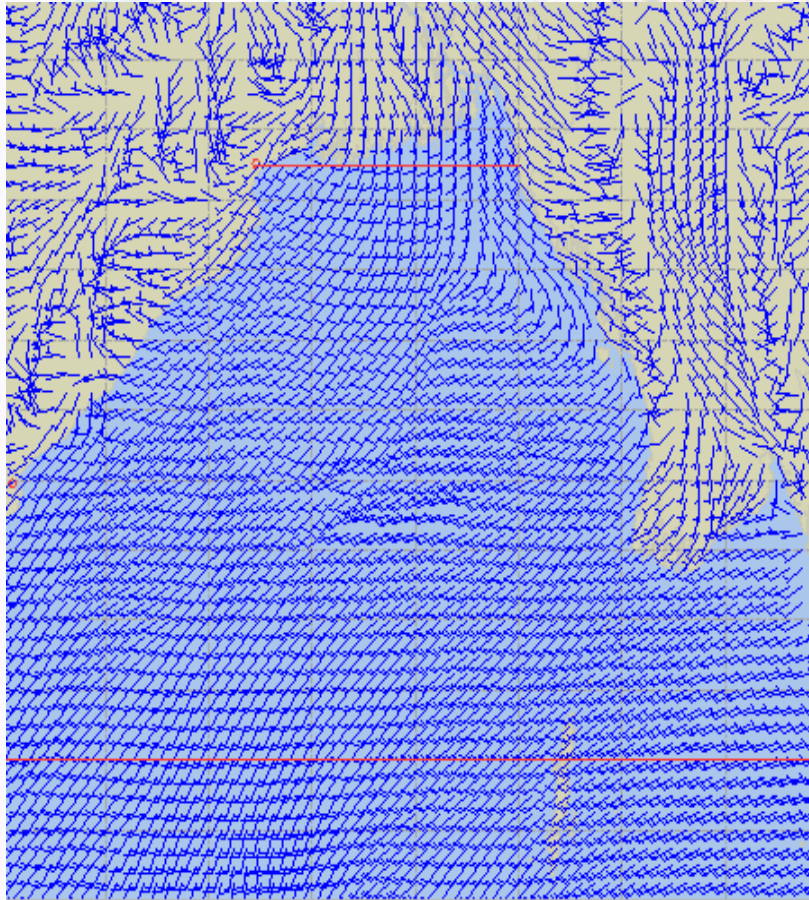
60 Knots



Surface Wind Forecast – 22 & 23 Jun - 2021

22 Jun 21 Tuesday

23 Jun 21 Wednesday



Legend:



Calm
Winds



5 Knots



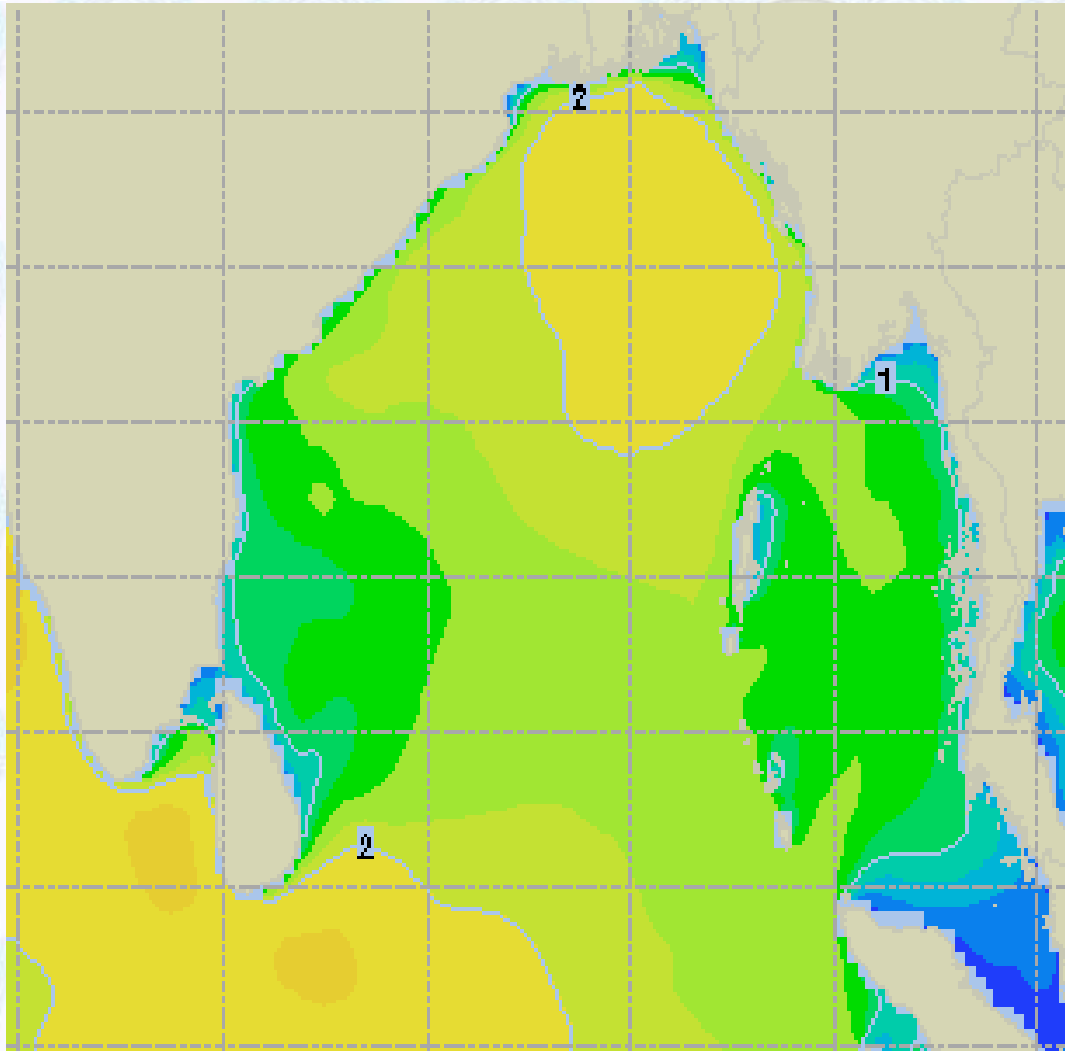
10 Knots



60 Knots



Sea State Forecast – 21 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

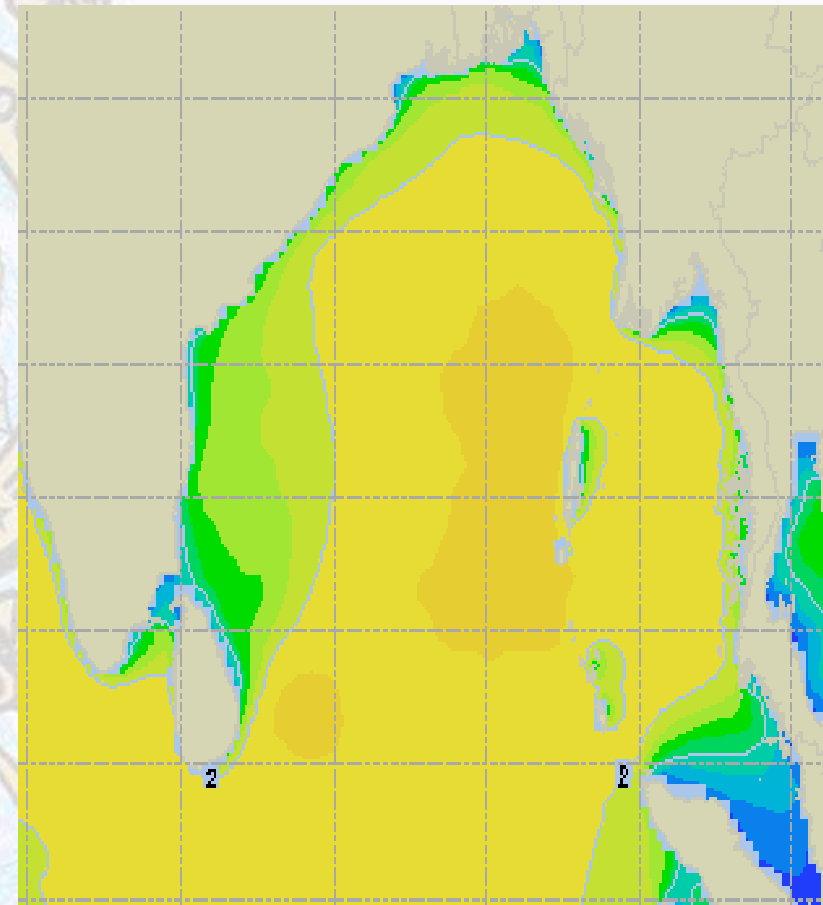
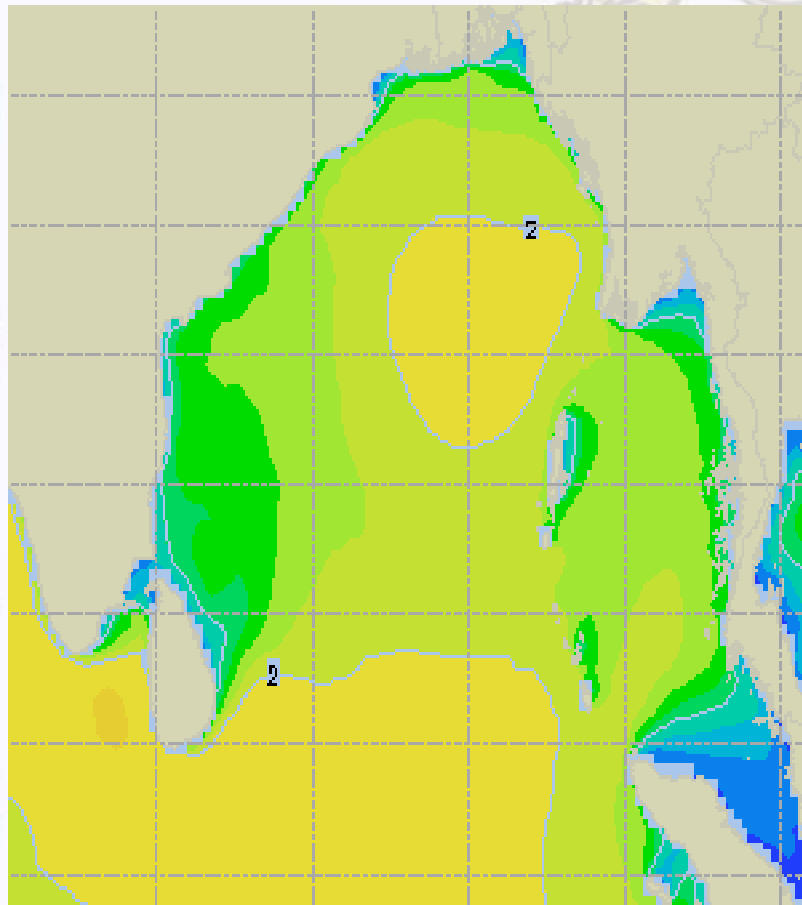




Sea State Forecast – 22 & 23 Jun - 2021

22 Jun 21 Tuesday

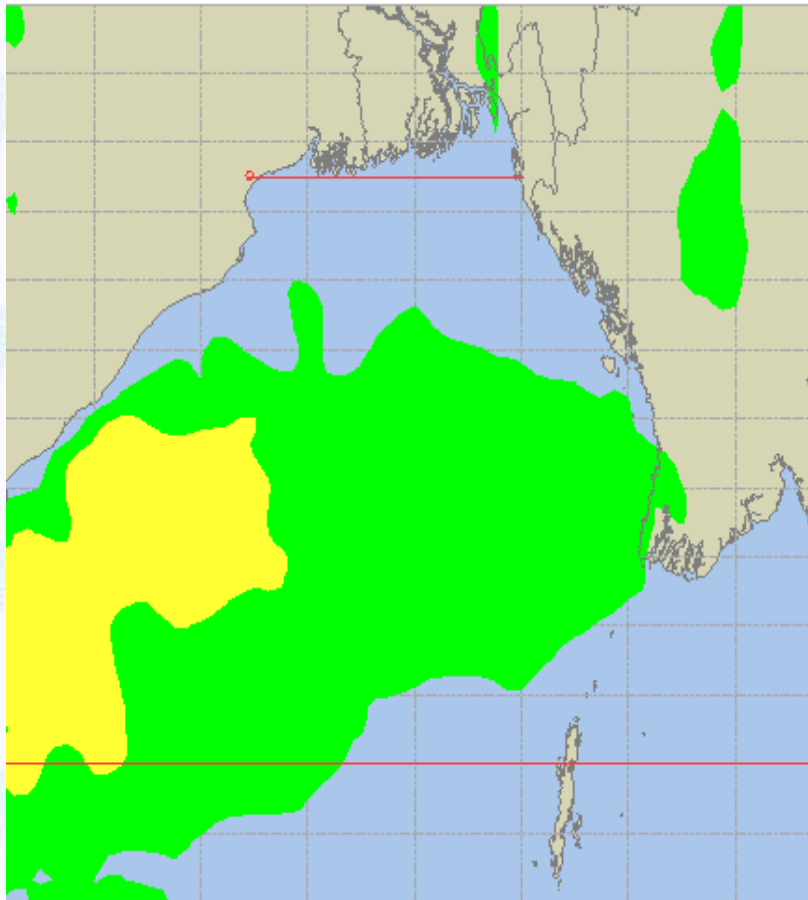
23 Jun 21 Wednesday



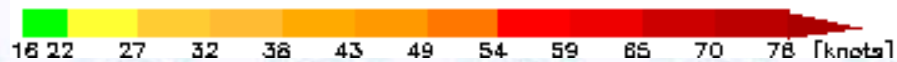
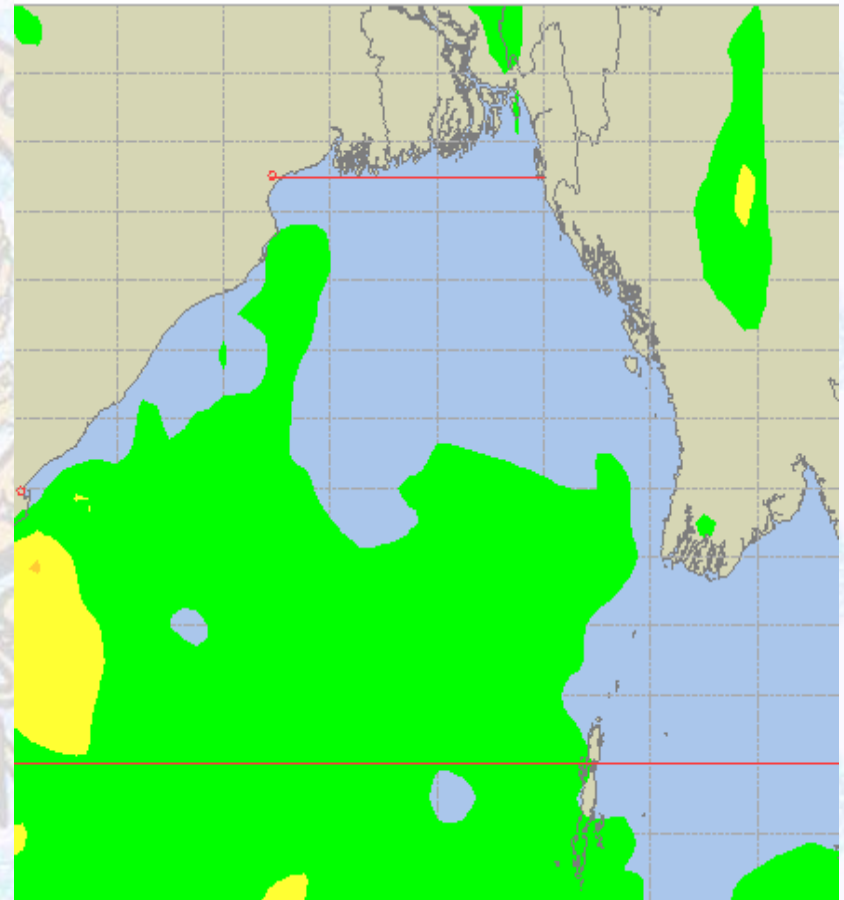


Peak Gusting Possibilities– 21 & 22 Jun 2021

21 Jun 21 Monday



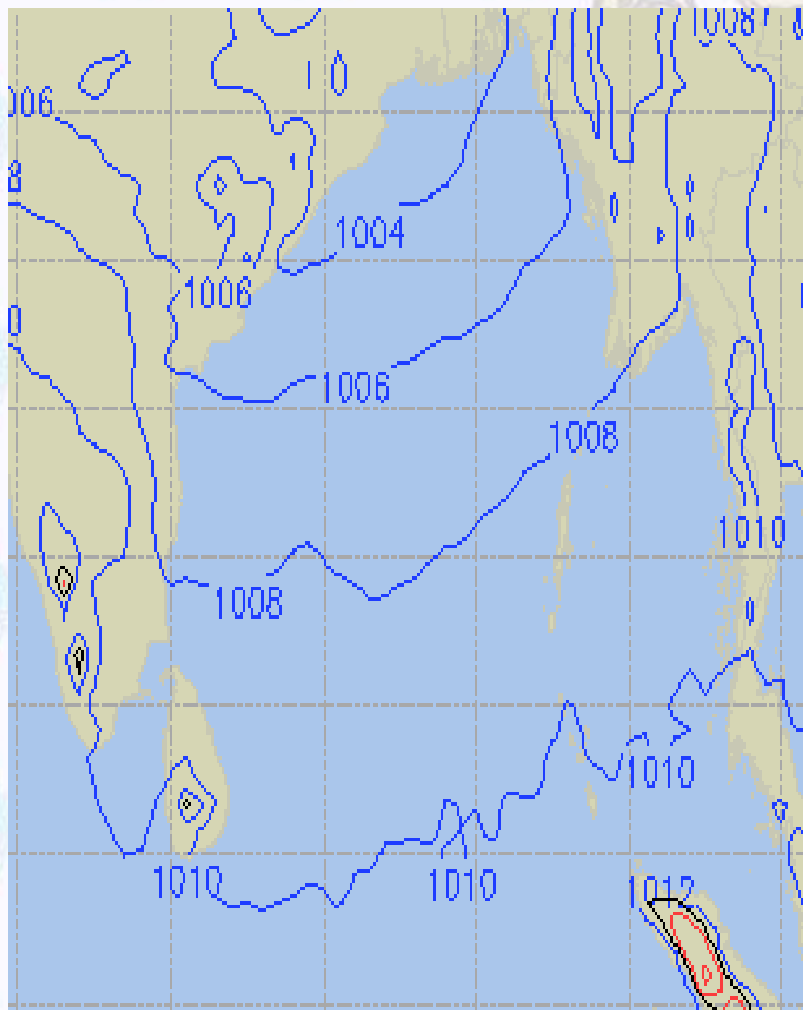
22 Jun 21 Tuesday



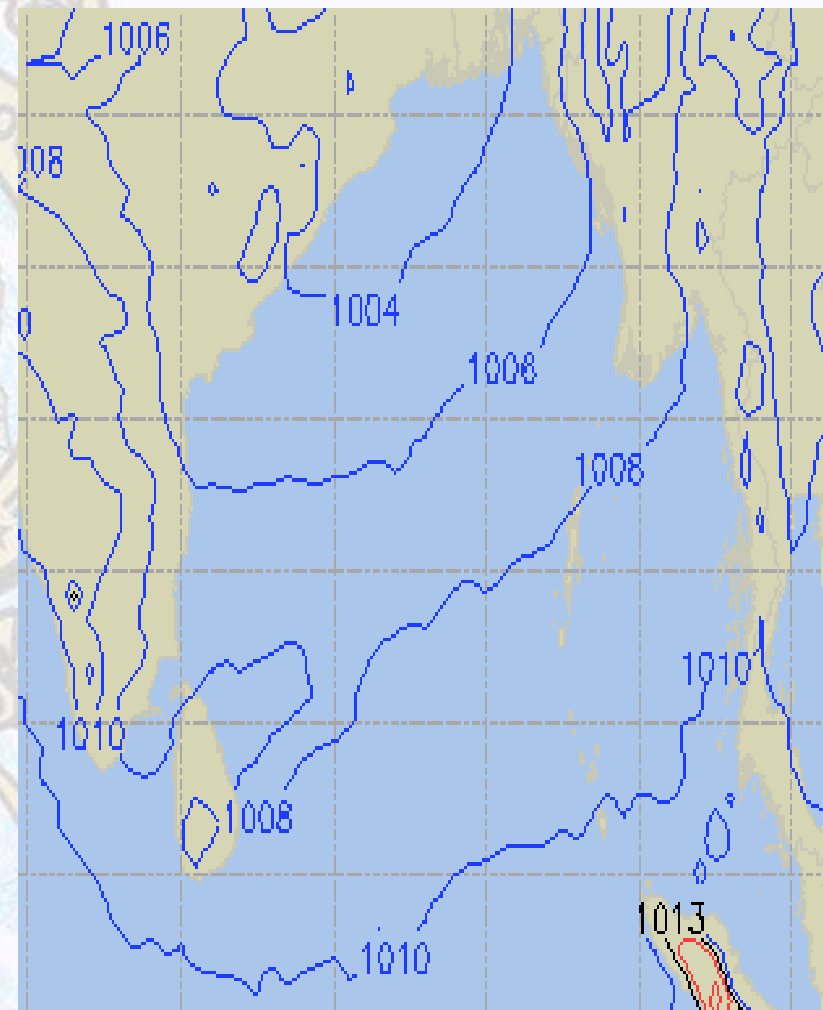


Surface Pressure forecast – 21 & 22 Jun 2021

21 Jun 21 Monday



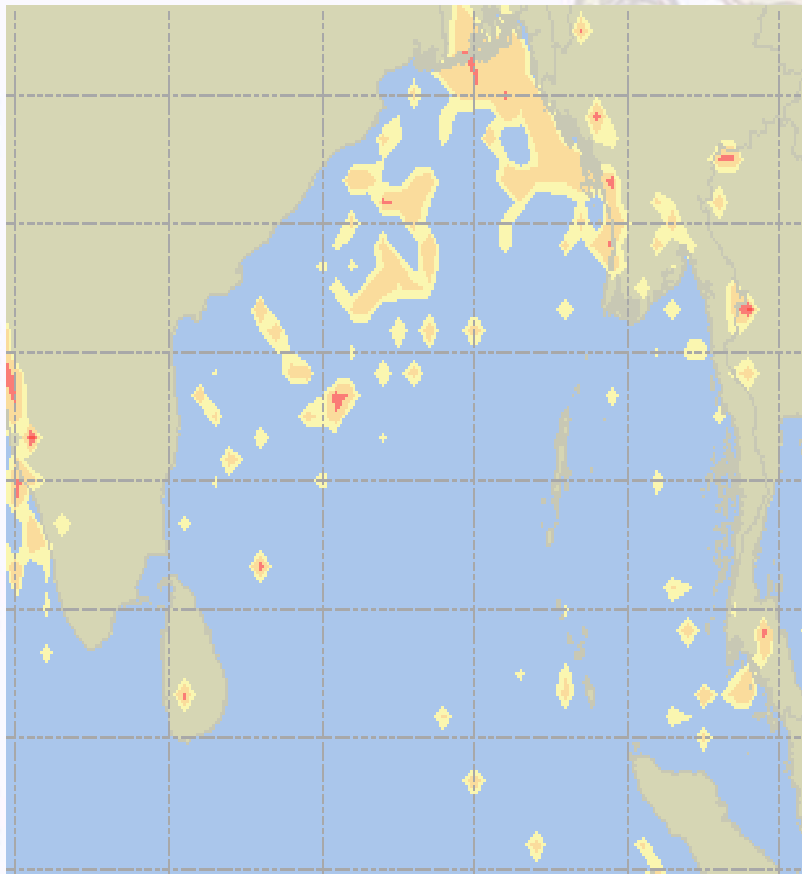
22 Jun 21 Tuesday



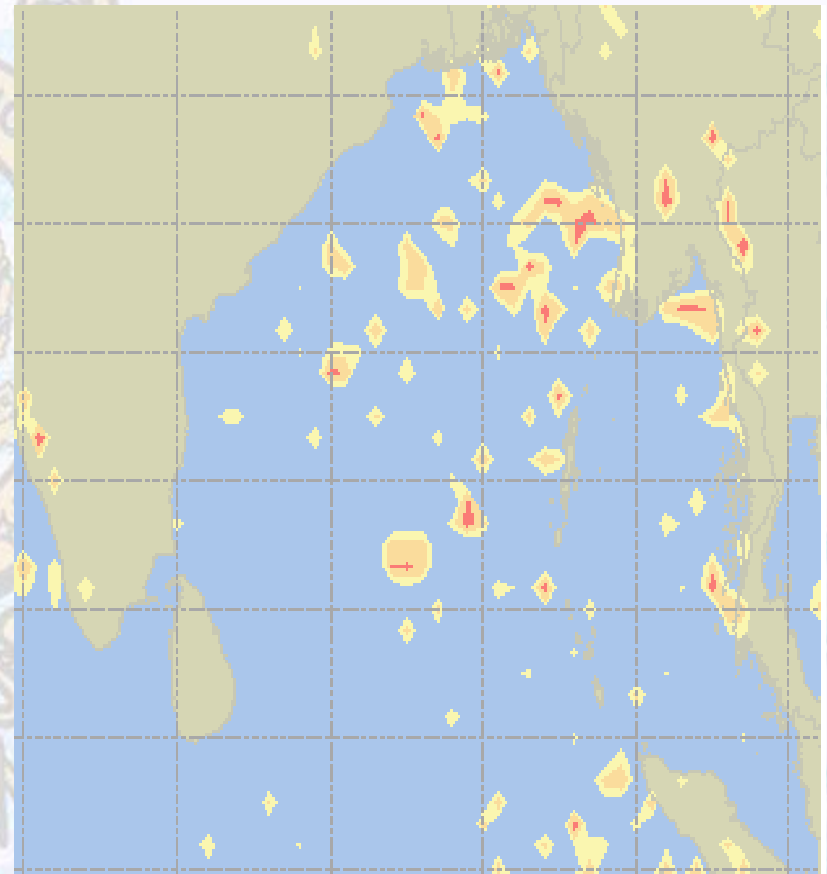


Visibility at Sea Forecast – 21 & 22 Jun 2021

21 Jun 21 Monday



22 Jun 21 Tuesday



Visibility Scale:

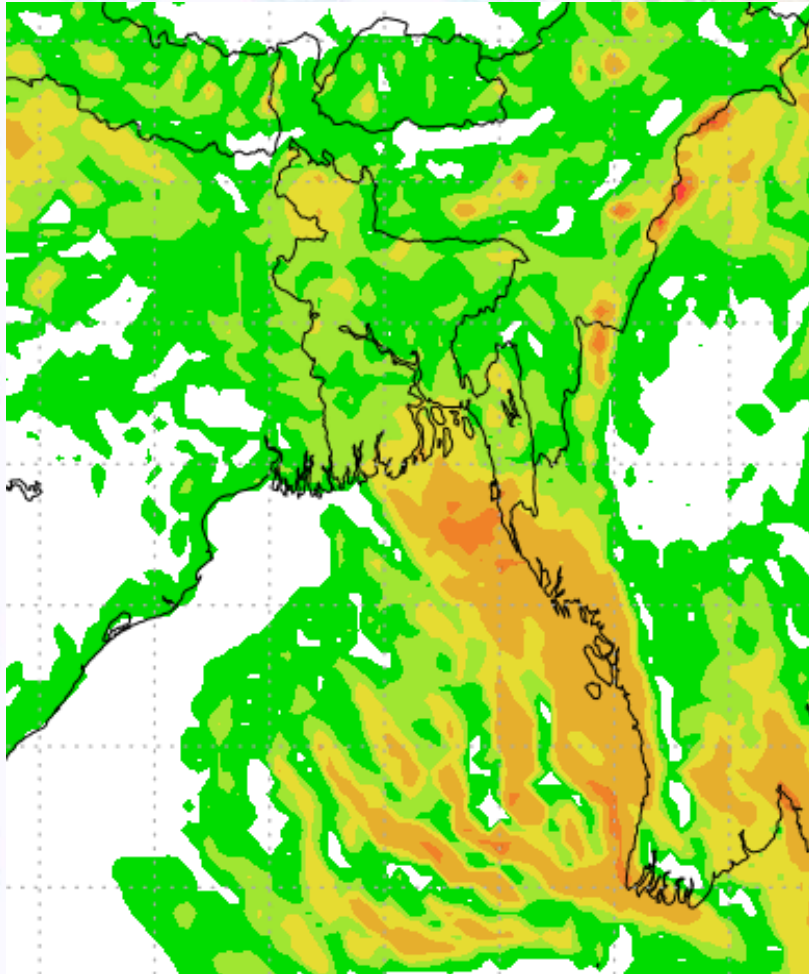


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

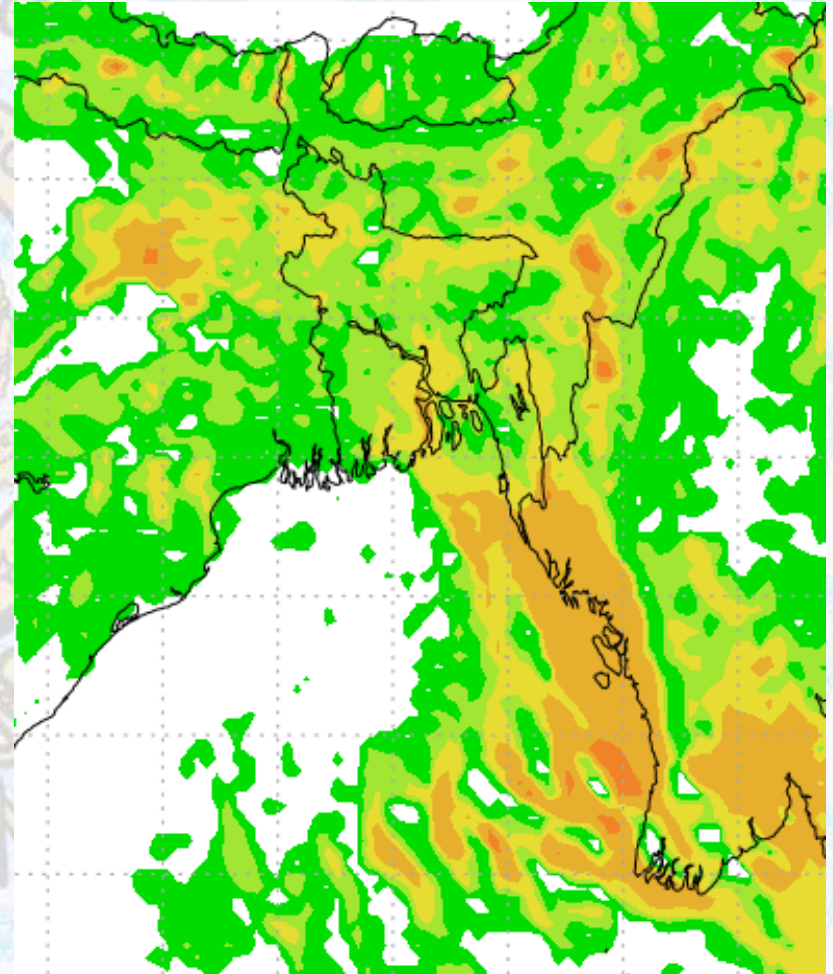


Precipitation

Rain(mm) 21 & 22 Jun 2021



Rain(mm) 22 & 23 Jun 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
21 Jun 2021	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		-	-
22 Jun 2021	0448	0.94		0221	1.05		0156	1.02
	1049	5.15		0822	3.61		0816	3.28
	1729	1.03		1501	1.03		1445	1.22
	2315	4.79		2044	3.35		2035	2.97
23 Jun 2021	0542	0.84		0318	0.92		0255	0.93
	1140	5.32		0913	3.82		0909	3.41
	1822	0.90		1555	0.93		1543	1.10
	-	-		2135	3.47		2132	3.05