



WEATHER FORECAST FOR BN

19 - 22 JUN 2021



WEATHER FORECAST – DHAKA

19.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28°C / 24°C	28°C / 24°C	27°C / 24°C	26°C / 24°C
Wind	15 km/h SSW	16 km/h S	10 km/h S	10 km/h SSE
Humidity	81%	81%	84%	86%
Chance of Precip	71%	59%	78%	73%
Cloud Cover	95%	95%	90%	91%
Conditions	Rain	Rain	Rain	Rain
Sunrise / Sunset	0512 / 1849			

Conditions

Pressure : 1004 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

19.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27°C / 26°C	27°C / 25°C	26°C / 26°C	26°C / 25°C
Wind	15 km/h SSW	14 km/h SSW	12 km/h S	12 km/h S
Humidity	90%	91%	98%	95%
Chance of Precip.	23%	24%	91%	92%
Cloud Cover	97%	97%	97%	95%
Conditions	Rain	Rain	Rain	Rain
Sunrise / Sunset	0510 / 1840			

Conditions

Pressure : 1005 hpa

Visibility : 6.44 Km

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



WEATHER FORECAST – KHULNA

19.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28°C / 26°C	28°C / 26°C	27°C / 26°C	26°C / 25°C
Wind	11 km/h SSW	13 km/h SSW	9 km/h SSW	8 m/h SSW
Humidity	87%	87%	94%	96%
Chance of Precip.	69%	17%	64%	73%
Cloud Cover	93%	92%	90%	84%
Conditions	Rain	Rain	Rain	Rain
Sunrise/ Sunset	0517 / 1849			

Conditions

Pressure : 1004 hpa

Visibility : 11.27 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	20 Jun 2021	21 Jun 2021	22 Jun 2021
Temperature (C)	29°C / 25°C	31°C / 26°C	32°C / 26°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h11m42s/18h48m18s	5h12m00s/18h48m36s	5h12m12s/18h48m48s
Day Length	13h36m36s	13h36m36s	13h36m36s
Moon Rise/ Set	2:05PM/ 1:18AM	3:09PM/ 1:57AM	4:15PM/ 2:40AM
Moon Phase/ illu	Waxing Gibbous, 70%	Waxing Gibbous, 81%	Waxing Gibbous, 89%
Nautical Twilight	04:15, 19:44	04:16, 19:44	04:16, 19:44
Civil Twilight	04:46, 19:13	04:46, 19:13	04:46, 19:14
Humidity	D : 86% N : 89%	D : 81% N : 87%	D : 78% N : 76%
Barometer (mb)	1003	1003	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	97%	76%	88%
Wind (km/hr)	12 Km/h, SSE	11 Km/h, S	12 Km/h, S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	20 Jun 2021	21 Jun 2021	22 Jun 2021
Temperature (C)	27°C/ 25°C	29°C/ 25°C	30°C/ 26°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h09m12s/ 18h39m12s	5h09m30s/ 18h39m30s	5h09m42s/ 18h39m42s
Day Length	13h30m00s	13h30m00s	13h30m00s
Moon Rise/ Set	1:58PM/ 1:13AM	3:01PM/ 1:53AM	4:07PM/ 2:36AM
Moon Phase/ illu	Waxing Gibbous, 70%	Waxing Gibbous, 81%	Waxing Gibbous, 89%
NauticalTwilight	04:14, 19:34	04:14, 19:34	04:14, 19:34
Civil Twilight	04:44, 19:04	04:44, 19:04	04:44, 19:04
Humidity	D : 93% N : 96%	D : 89% N : 94%	D : 85% N : 93%
Barometer (mb)	1004	1004	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	81%	60%
Wind (km/hr)	14 Km/h, S	13 Km/h, S	13 Km/h, S

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



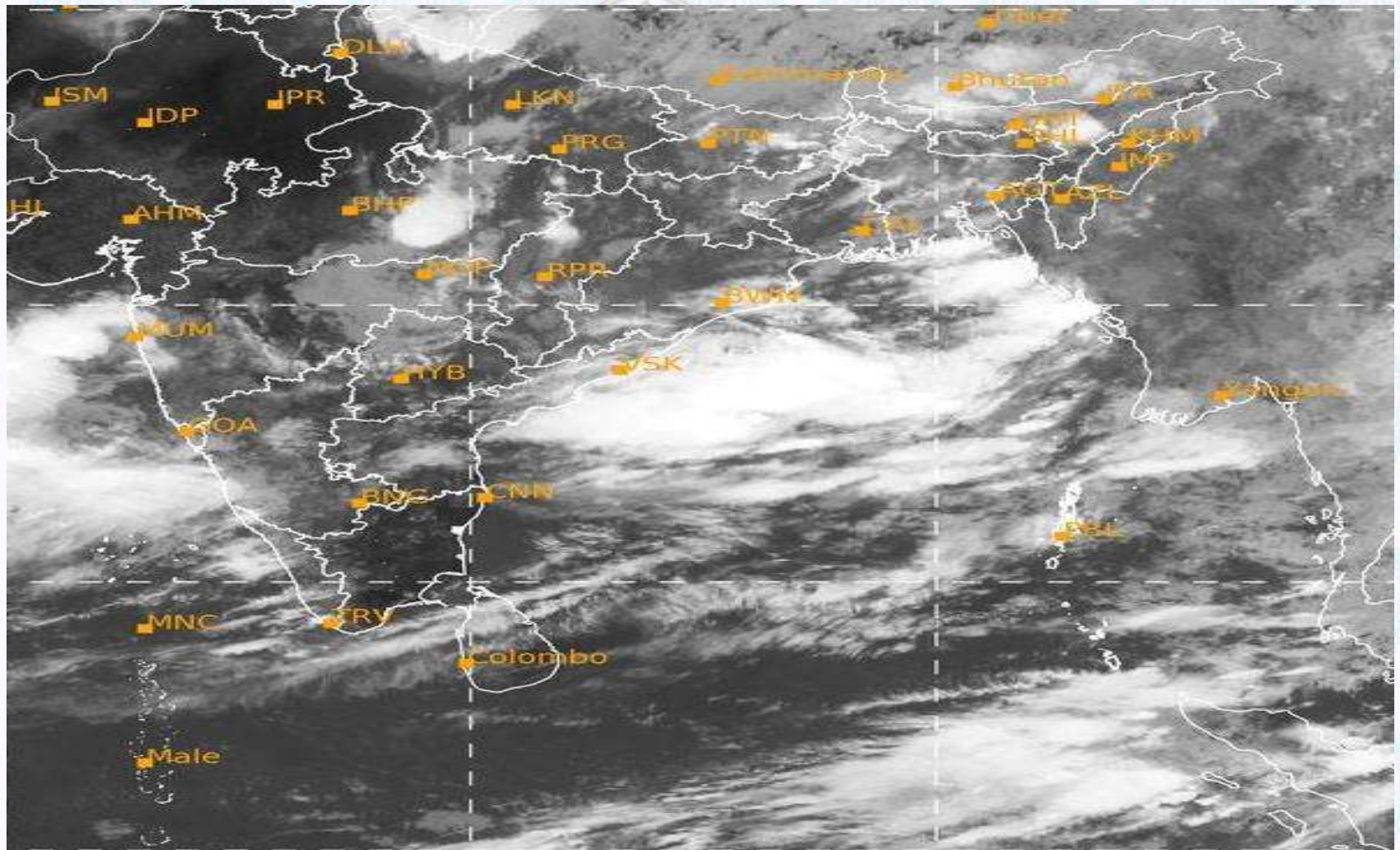
GENERAL WEATHER FORECAST – KHULNA

Description	20 Jun 2021	21 Jun 2021	22 Jun 2021
Temperature(C)	30°C / 26°C	31°C / 27°C	31°C / 27°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h17m06s/ 18h49m18s	5h17m36s/ 18h49m48s	5h17m48s/ 18h50m00s
Day Length	13h 32m 12s	13h 32m 12s	13h 32m 12s
Moon Rise/Set	2:08PM/ 1:22AM	3:11PM/ 2:01AM	4:17PM/ 2:45AM
Moon Phase/illu	Waxing Gibbous, 70%	Waxing Gibbous, 81%	Waxing Gibbous, 89%
Nautical Twilight	04:22, 19:44	04:22, 19:45	04:22, 19:45
Civil Twilight	04:52, 19:14	04:52, 19:14	04:52, 19:15
Humidity	D : 87% N : 94%	D : 85% N : 94%	D : 83% N : 93%
Barometer (mb)	1003	1003	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	75%	79%	77%
Wind (km/hr)	12 Km/h, SW	10 Km/h, SW	11 Km/h, S

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



SATELLITE VIEW OF BAY OF BENGAL

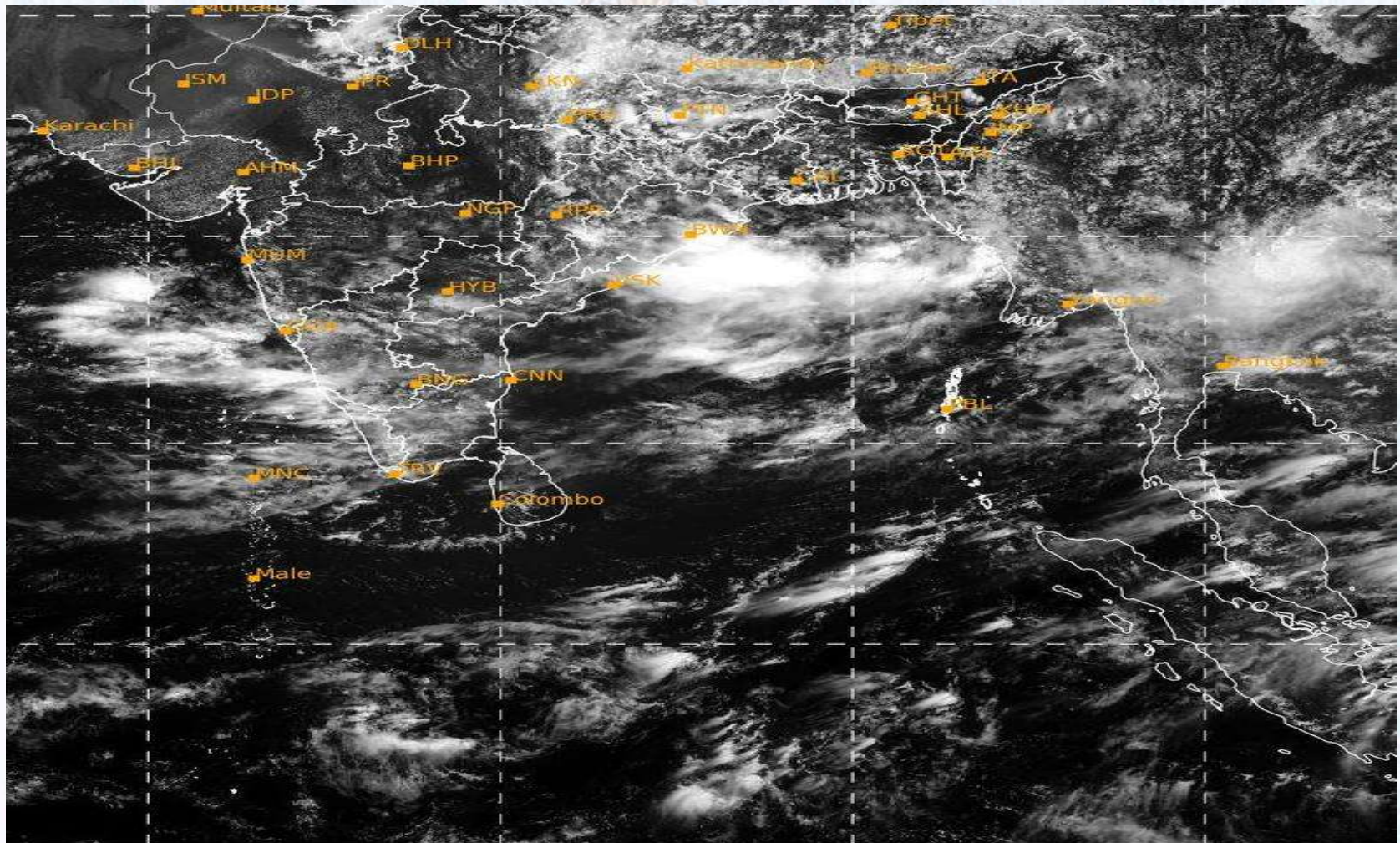


19/06/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



19/06/2021, 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 19.06.2021)

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, 10-15 KTS, TEMPORARY 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 = 19,0000 UTC. CHATTOGRAM =1005 HPA



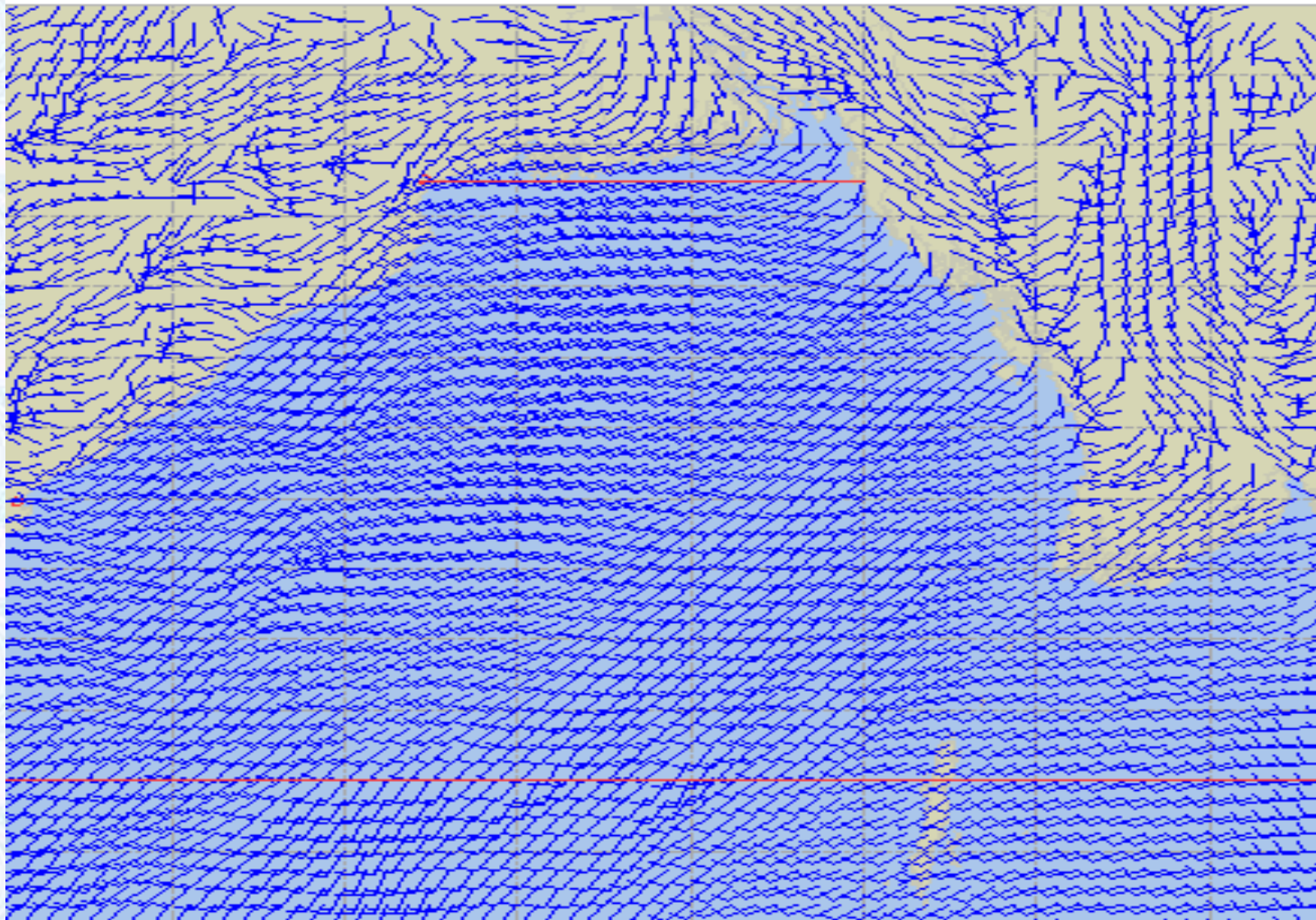
Inland River Port Warning (VALID TILL 06 PM OF 19.06.2020)

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

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



Surface Wind Forecast- 20 Jun - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



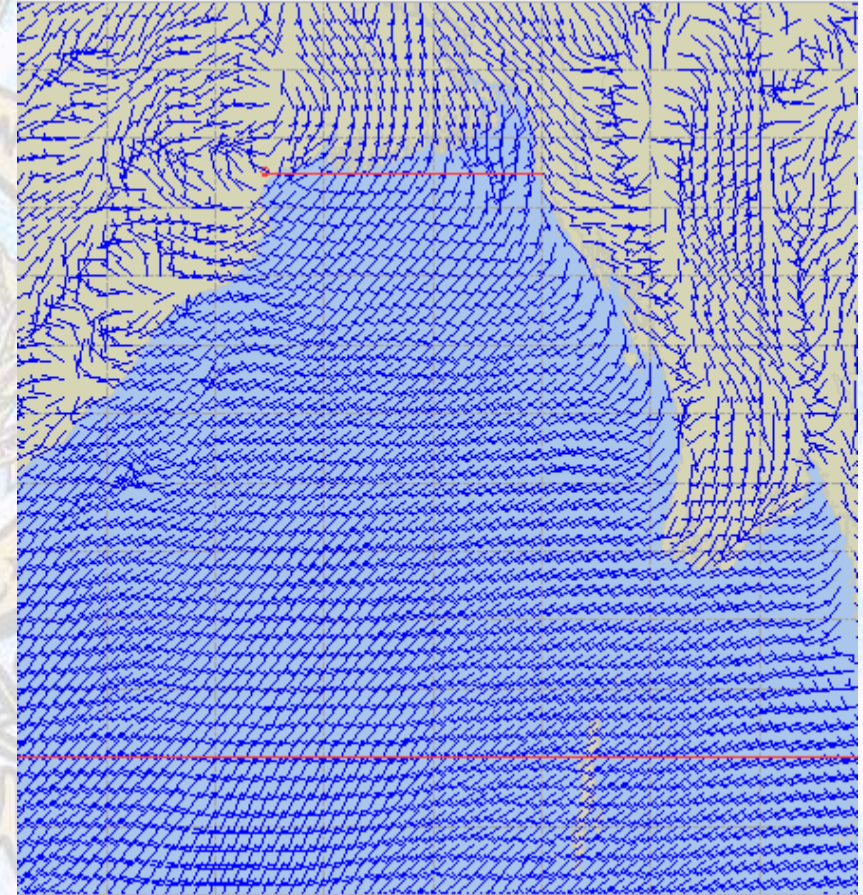
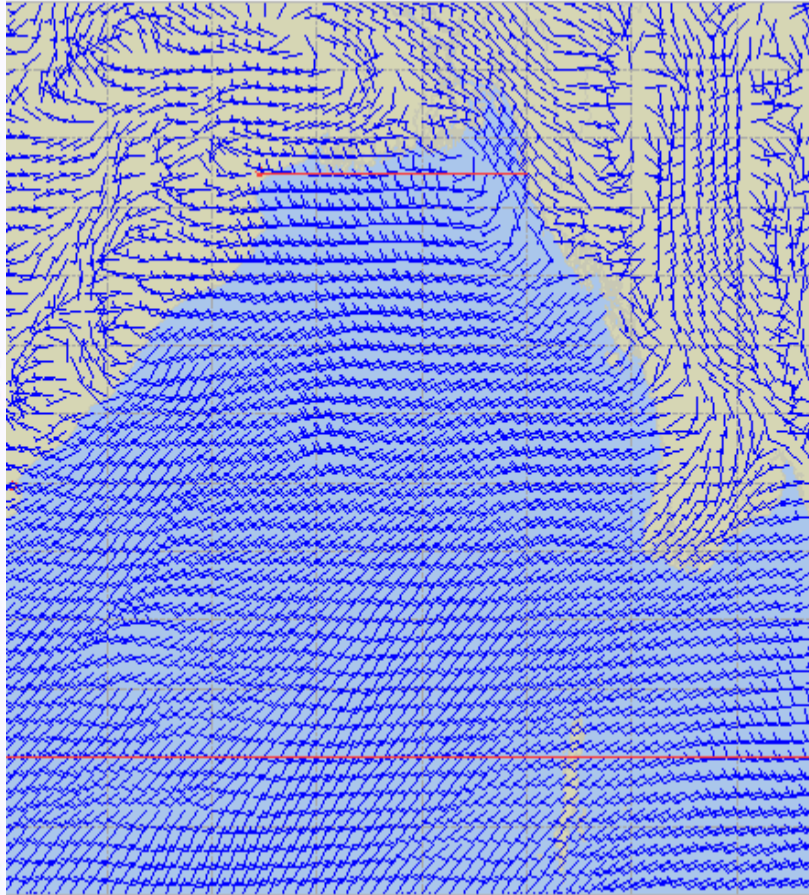
60 Knots



Surface Wind Forecast – 21 & 22 Jun - 2021

21 Jun 21 Monday

22 Jun 21 Tuesday



Legend:



Calm
Winds



5 Knots



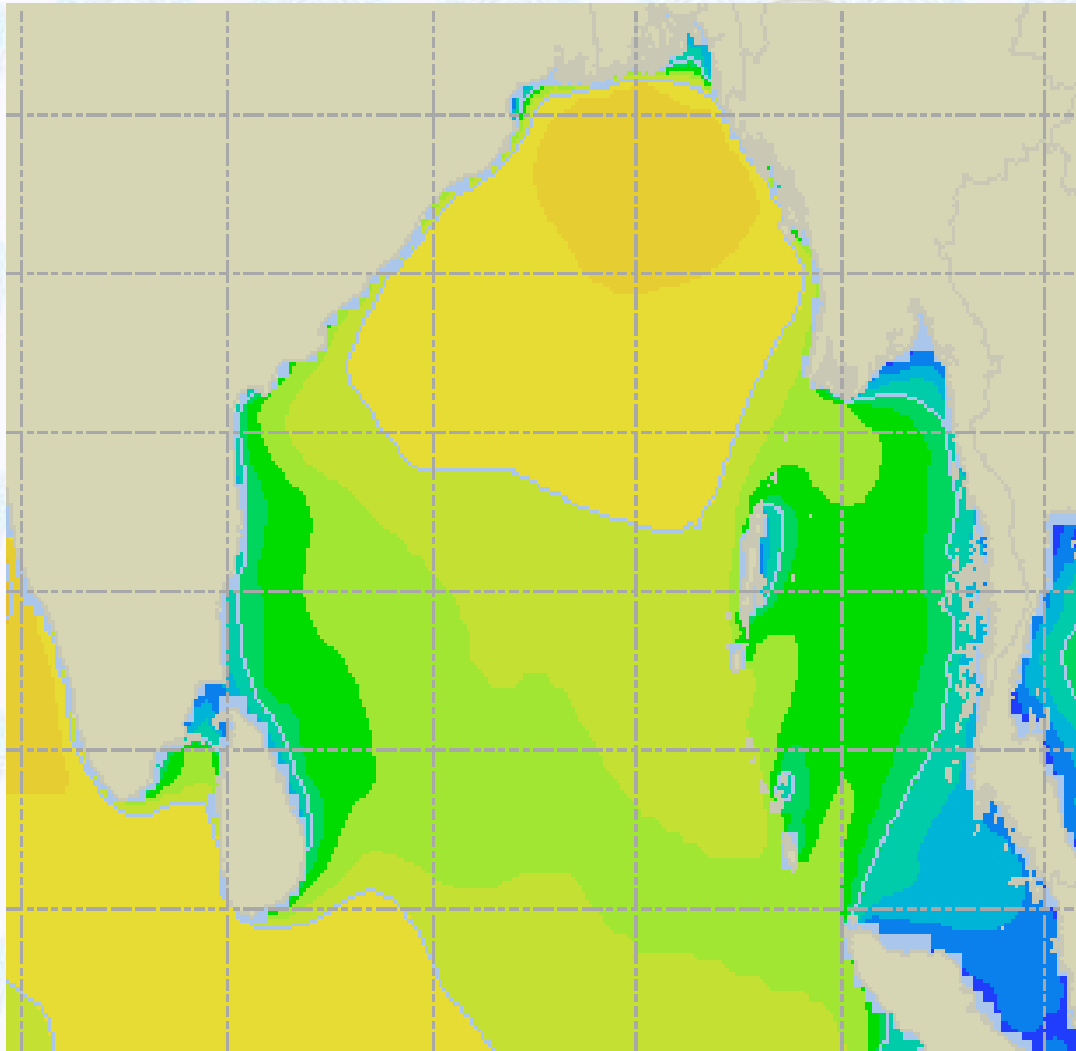
10 Knots



60 Knots



Sea State Forecast – 20 Jun - 2021



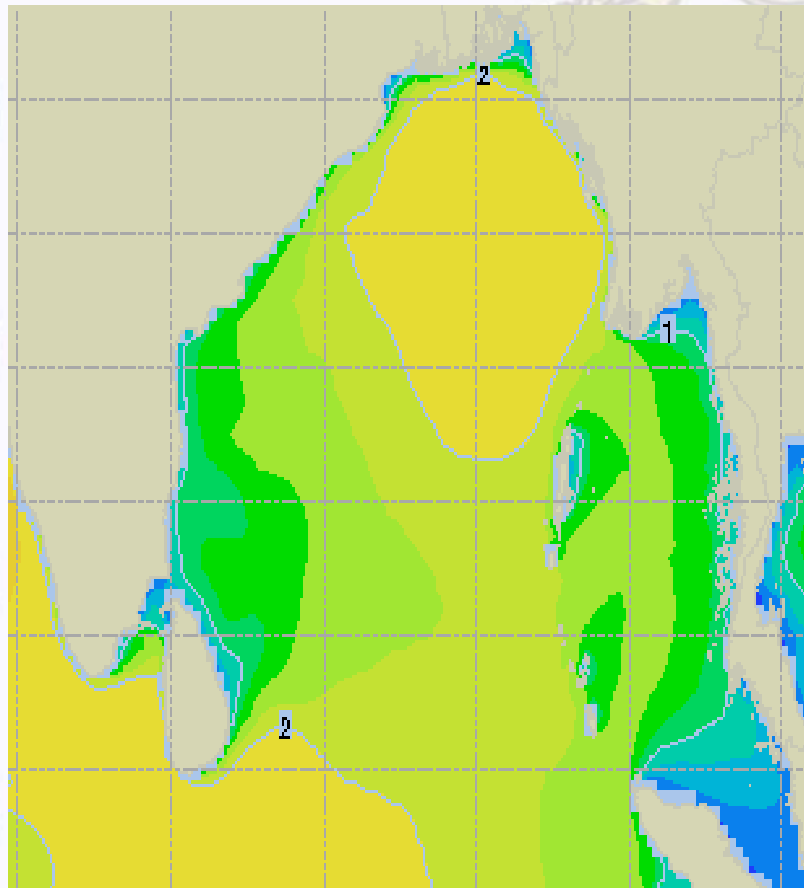
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



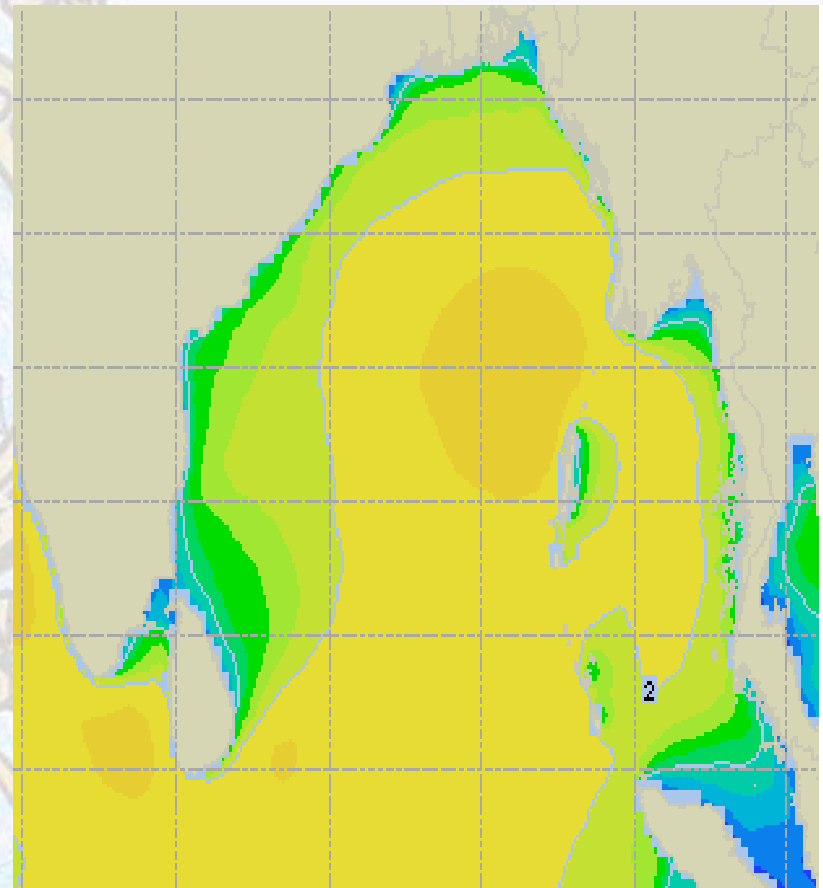


Sea State Forecast – 21 & 22 Jun - 2021

21 Jun 21 Monday



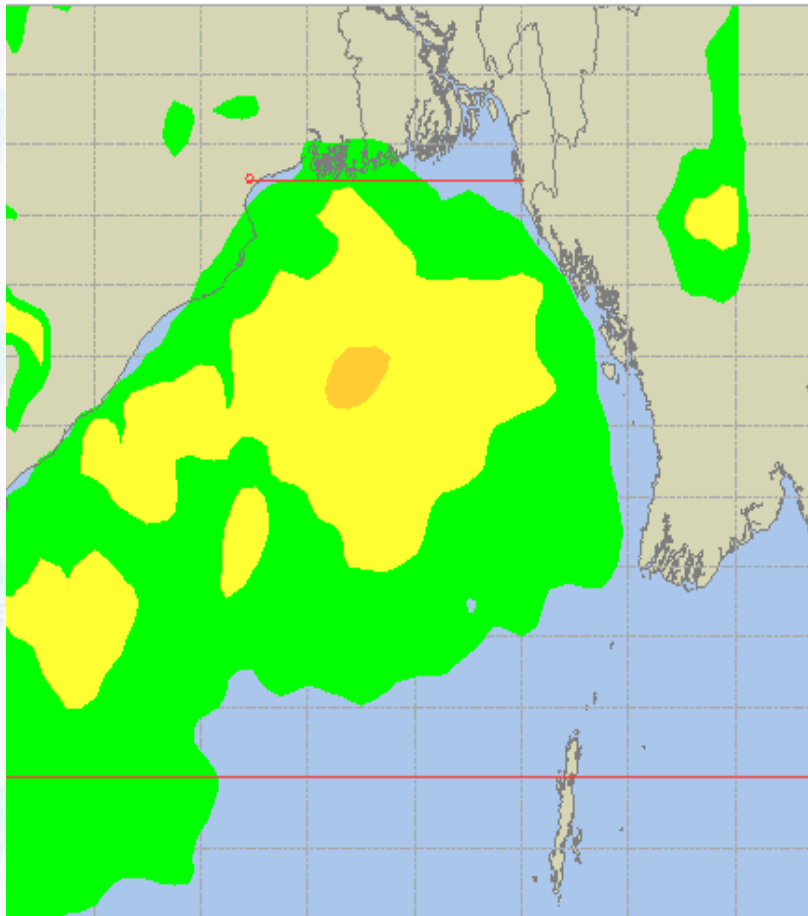
22 Jun 21 Tuesday



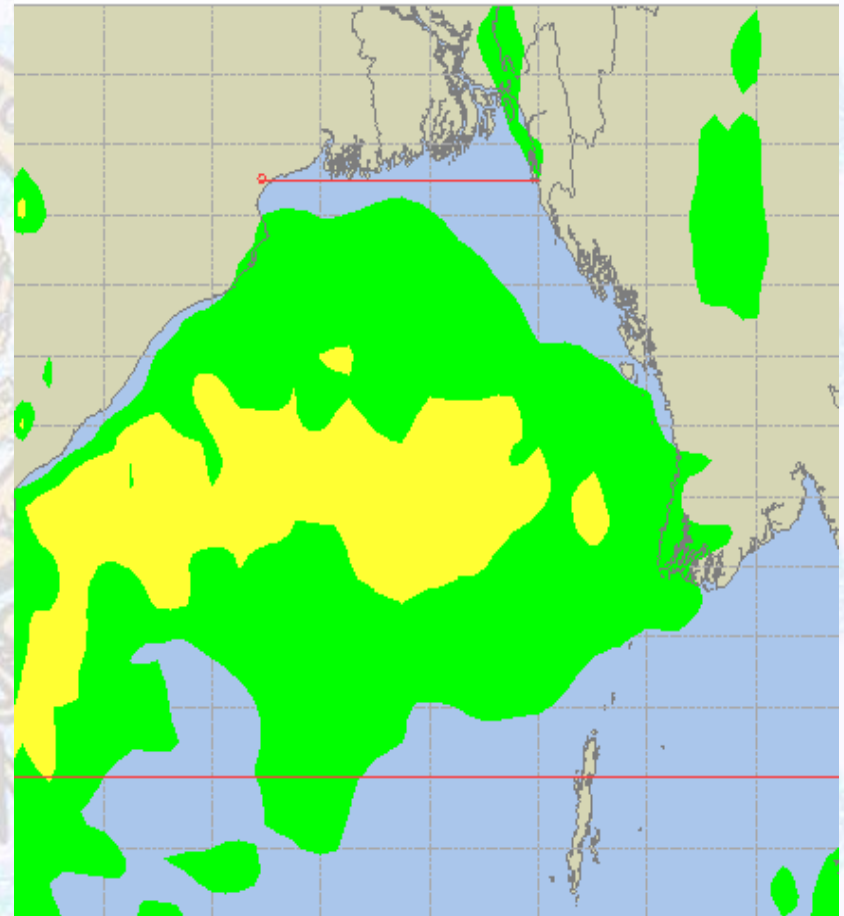


Peak Gusting Possibilities– 20 & 21 Jun 2021

20 Jun 21 Sunday



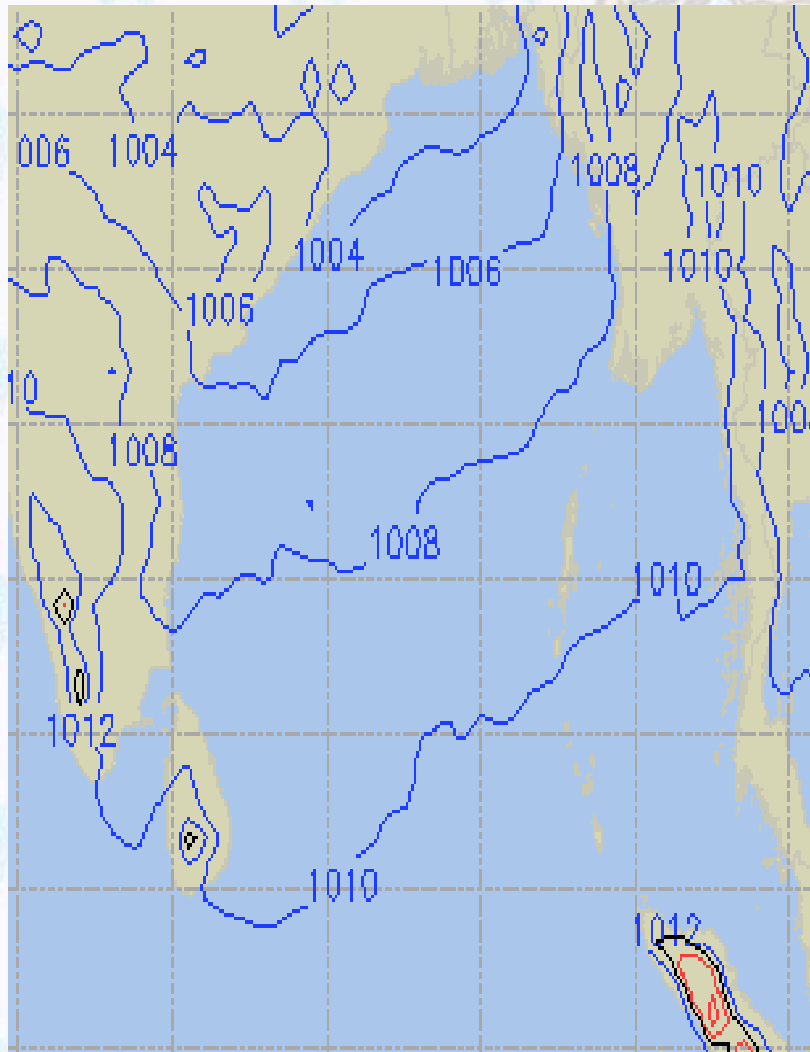
21 Jun 21 Monday



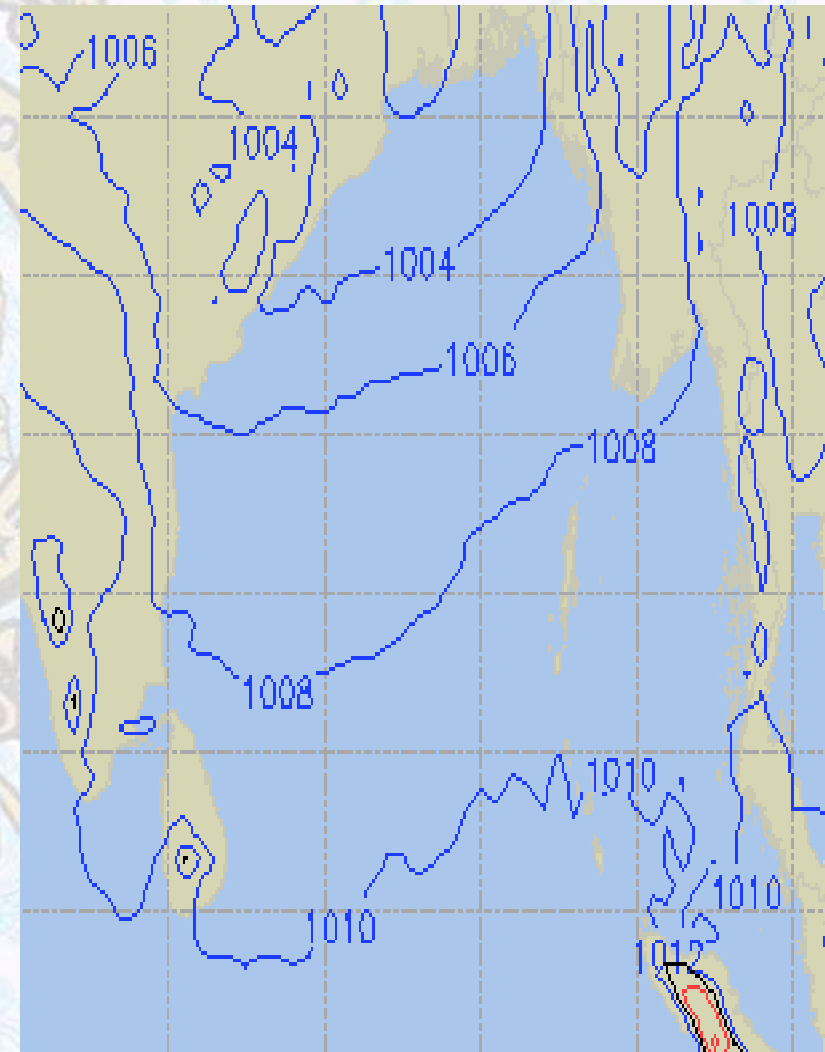


Surface Pressure forecast – 20 & 21 Jun 2021

20 Jun 21 Sunday



21 Jun 21 Monday

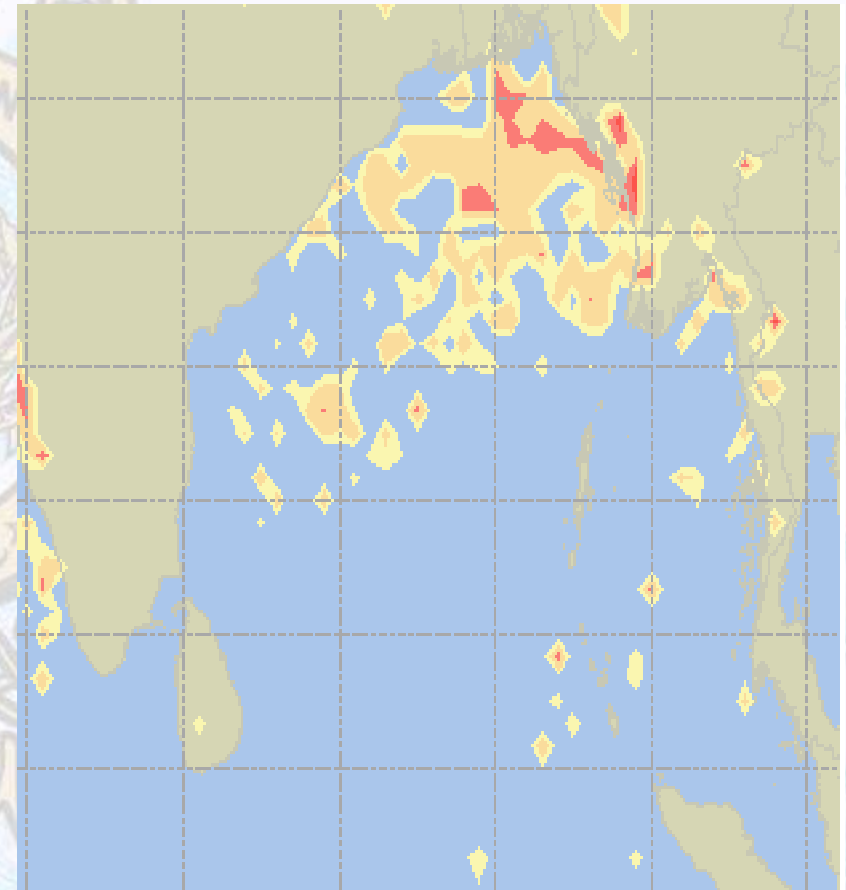
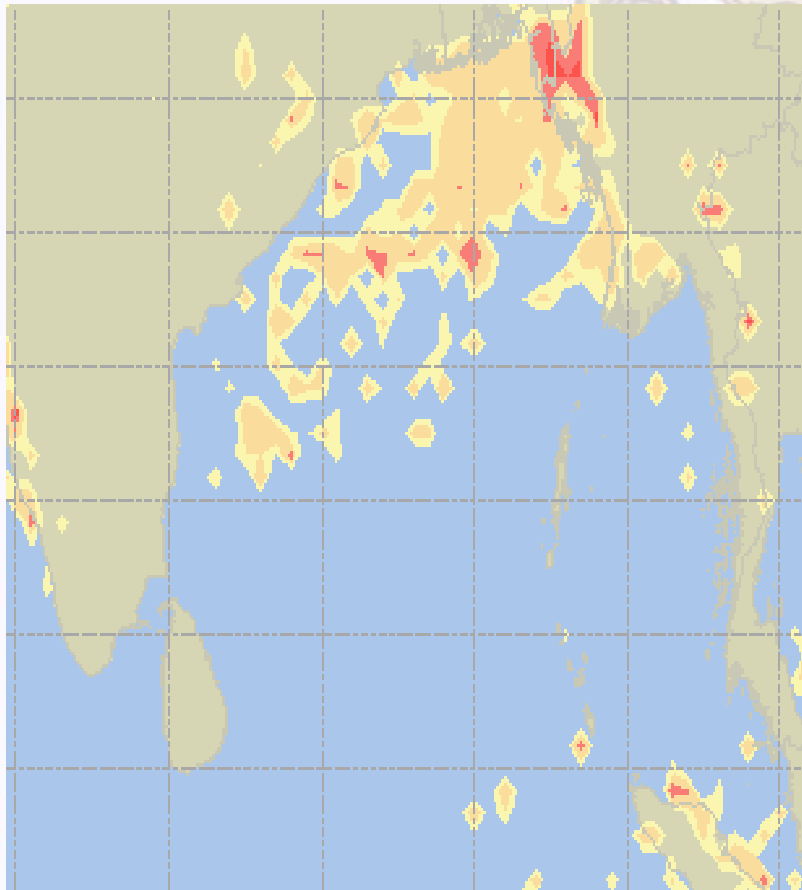




Visibility at Sea Forecast – 20 & 21 Jun 2021

20 Jun 21 Sunday

21 Jun 21 Monday



Visibility Scale:



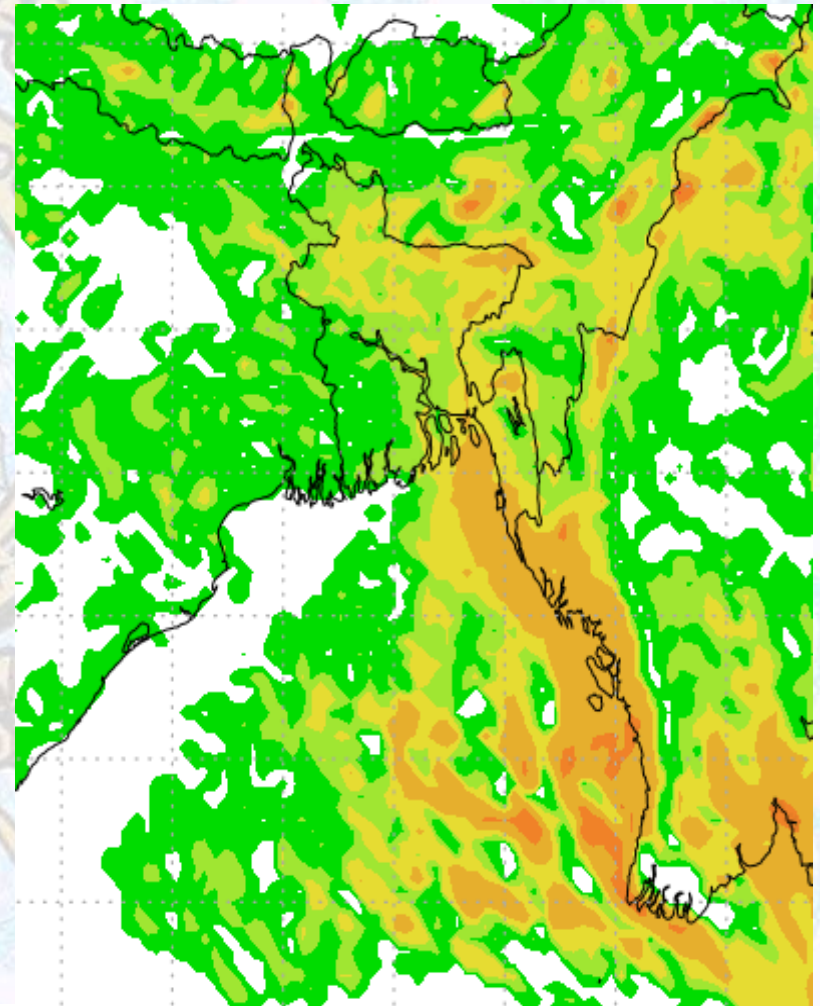
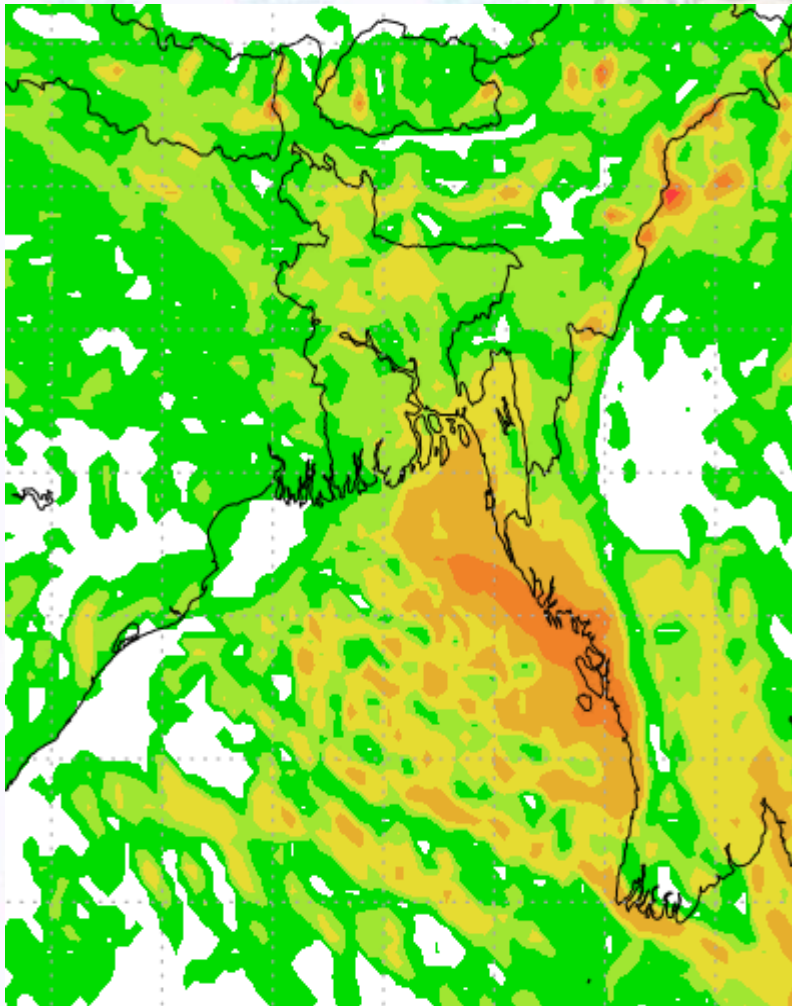
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 20 & 21 Jun 2021

Rain(mm) 21 & 22 Jun 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0240		1.16			0016	1.29
20 Jun 2021	0849	4.71		0623	3.10		1222	1.44
	1520	1.36		1250	1.29		1817	2.85
	2112	4.57		1846	3.09		-	-
	Time	Height		Time	Height		Time	Height
		0347		1.06			0122	1.18
21 Jun 2021	0953	4.94		0727	3.35		1051	1.10
	1629	1.19		1400	1.17		1742	2.06
	2217	4.67		1948	3.22		-	-
	Time	Height		Time	Height		Time	Height
		0448		0.94			0221	1.05
22 Jun 2021	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