



WEATHER FORECAST FOR BN

19 TO 22 AUG- 2022



WEATHER FORECAST – DHAKA

19.08.2022

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32°C / 25°C	32°C / 26°C	30°C / 24°C	29°C / 24°C
Wind	26 km/h ESE	24 km/h ESE	19 km/h SE	18 km/h ESE
Humidity	64%	68%	74%	76%
Chance of Precip	15%	33%	19%	21%
Cloud Cover	67%	66%	69%	79%
Conditions	Mostly Cloudy	Cloudy/ Light Rain	Mostly Cloudy	Mostly Cloudy
Sunrise / Sunset	0535 / 1828			

Conditions

Pressure : 1001 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

19.08.2022

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C / 26°C	30°C / 26°C	28°C / 25°C	28°C / 25°C
Wind	24 km/h SSE	23 km/h SSE	20 km/h SE	16 km/h SE
Humidity	77%	78%	84%	84%
Chance of Precip.	12%	23%	16%	13%
Cloud Cover	70%	64%	70%	75%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise / Sunset	0531 / 1821			

Conditions

Pressure : 1001 hpa

Visibility : 11.27 Km

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



WEATHER FORECAST – KHULNA

19.08.2022

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29°C / 26°C	29°C / 26°C	28°C / 25°C	28°C / 25°C
Wind	30 km/h N	28 km/h N	23 km/h WNW	29 km/h ESE
Humidity	84%	84%	87%	87%
Chance of Precip.	83%	50%	24%	55%
Cloud Cover	88%	87%	82%	89%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy	Cloudy/ Light Rain
Sunrise/ Sunset	0539 / 1830			

Conditions

Pressure : 999 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	20 Aug 2022	21 Aug 2022	22 Aug 2022
Temperature (C)	33 °C / 27 °C	34 °C / 27 °C	34 °C / 27 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h35m18s/18h27m36s	5h35m42s/18h26m48s	5h36m00s/18h25m54s
Day Length	12h52m18s	12h51m06s	12h49m54s
Moon Rise/ Set	1:29 PM / -	12:09 AM / 2:13 PM	12:55 AM / 3:06 PM
Moon Phase/ illu	Waning Crescent, 37%	Waning Crescent, 27%	Waning Crescent, 19%
Nautical Twilight	04:44, 19:18	04:45, 19:17	04:45, 19:16
Civil Twilight	05:12, 18:51	05:12, 18:50	05:13, 18:49
Humidity	D : 73% N : 81%	D : 69% N : 80%	D : 69% N : 80%
Barometer (mb)	1001	1001	1001
Visibility	Hazy	Hazy	Hazy
Precip Chance	60%	35%	51%
Wind (km/hr)	23 Km/h, SE	12 Km/h, SSE	9 Km/h, SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	20 Aug 2022	21 Aug 2022	22 Aug 2022
Temperature (C)	31°C/ 26°C	31°C/ 26°C	30°C/ 26°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h31m12s/ 18h20m12s	5h31m36s/ 18h19m30s	5h31m48s/ 18h18m36s
Day Length	12h49m00s	12h47m54s	12h46m48s
Moon Rise/ Set	1:10PM / -	12:06 AM / 2:04 PM	12:53 AM / 2:56 PM
Moon Phase/ illu	Waning Crescent, 37%	Waning Crescent, 27%	Waning Crescent, 19%
Nautical Twilight	04:41, 19:10	04:41, 19:09	04:42, 19:08
Civil Twilight	05:08, 18:43	05:08, 18:42	05:09, 18:41
Humidity	D : 82% N : 90%	D : 83% N : 91%	D : 83% N : 91%
Barometer (mb)	1001	1001	1001
Visibility	Hazy	Hazy	Hazy
Precip Chance	66%	48%	63%
Wind (km/hr)	19 Km/h, S	13 Km/h, SSW	10 Km/h, SSW

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



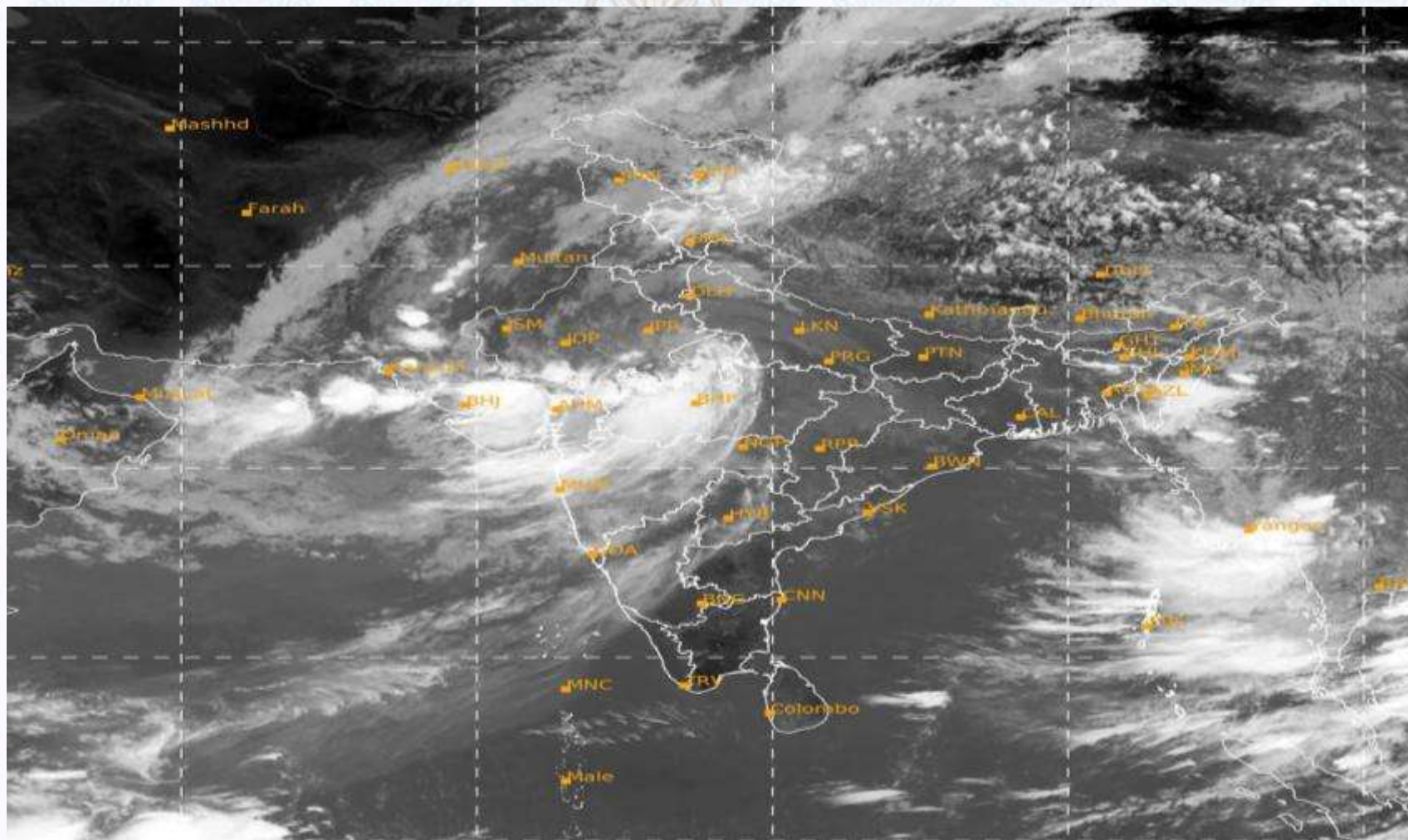
GENERAL WEATHER FORECAST – KHULNA

Description	20 Aug 2022	21 Aug 2022	22 Aug 2022
Temperature(C)	31 °C / 26 °C	33 °C / 27 °C	33 °C / 27 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h39m48s/18h29m54s	5h40m12s/18h29m06s	5h40m30s/18h28m18s
Day Length	12h50m06s	12h48m54s	12h47m48s
Moon Rise/Set	1:20 PM / -	12:15 AM / 2:14 PM	1:01 AM / 3:07 PM
Moon Phase/ illu	Waning Crescent, 37%	Waning Crescent, 27%	Waning Crescent, 19%
Nautical Twilight	04:49, 19:20	04:50, 19:19	04:50, 19:18
Civil Twilight	05:17, 18:53	05:17, 18:52	05:17, 18:51
Humidity	D : 80 % N : 89%	D : 77 % N : 88%	D : 77 % N : 87%
Barometer (mb)	999	999	999
Visibility	Hazy	Hazy	Hazy
Precip Chance	64%	46%	72%
Wind (km/hr)	21 Km/h, SE	13 Km/h, SSE	9 Km/h, S

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



SATELLITE VIEW OF BAY OF BENGAL

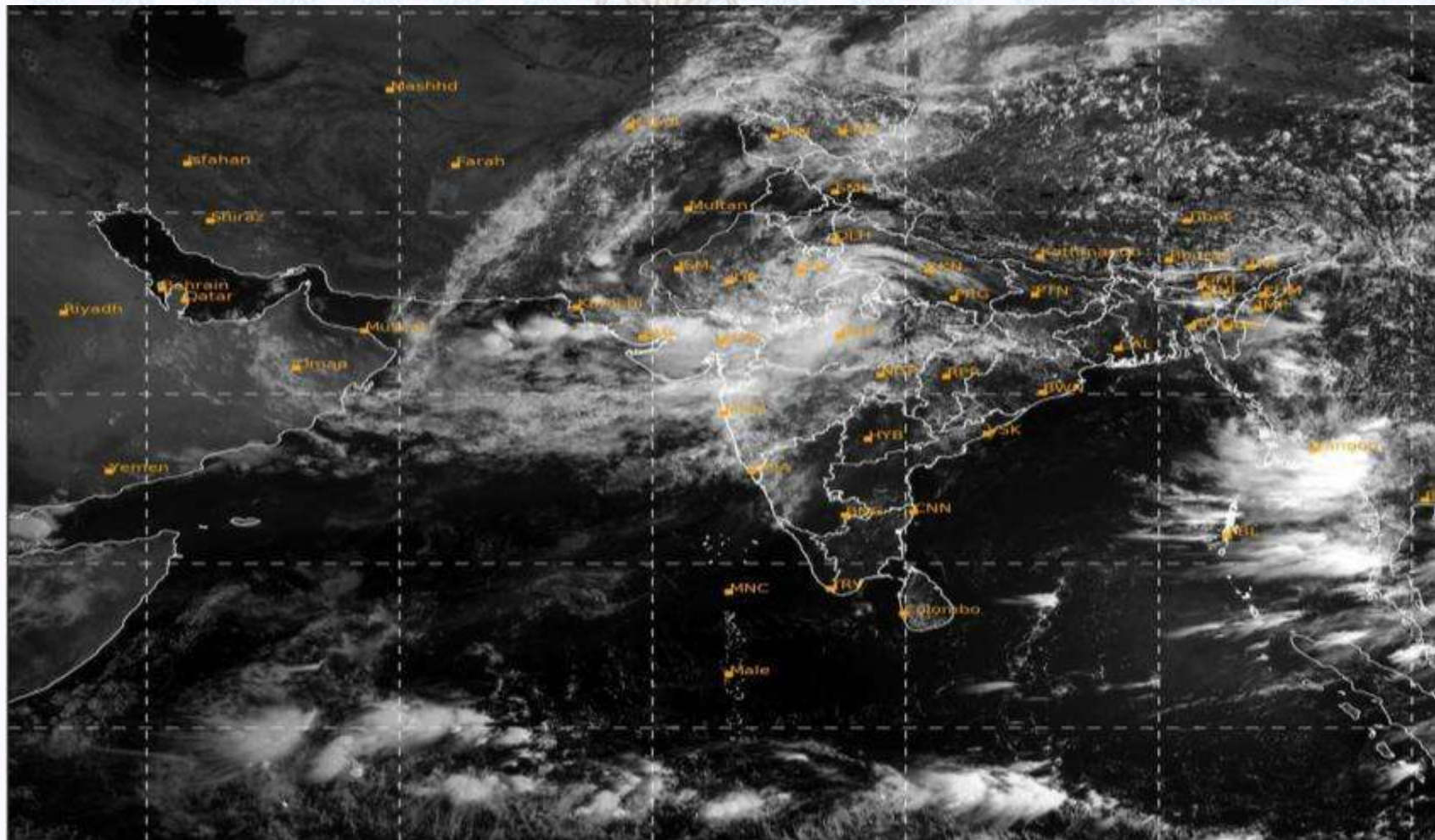


19/08/2022, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



19/08/2022, 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 19.08.2022)

Part One	WARNING BAY OF BENGAL	
Part Two	THE WELL- MARKED LOW OVER NORTHEAST BAY MOVED NORTHWESTWARDS AND INTENSIFIED INTO A DEPRESSION OVER NORTHWEST BAY AND ADJOINING NORTH EAST BAY AND WAS CENTRED NEAR LAT. 20.5°N OF LONG 89.8°E (R) LAT. 20.5°N OF LONG 89.8°E AT 19,0000 UTC. IT IS LIKELY TO INTENSIFY FURTHER AND MOVE NORTHWESTWARDS. UNDER ITS INFLUENCE STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY. MONSOON IS STRONG OVER NORTH BAY.	
Part hree	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	(1) EAST OF 90°E SE/EASTERLY, 20-25 KTS. TEMPORARY GUSTING TO 28 KTS. (2) (2) WEST OF 90°E SW/WESTERLY, 20-25 KTS. TEMPORARY GUSTING TO 28 KTS.
	Visibility	02-04 KM, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 (TWELVE) HOURS: LITTLE CHANGE.
	MSL Pressure	AT =19, 0000 UTC. CHATTOGRAM =1001 HPA



Inland River Port Warning **(VALID TILL 06 PM OF 19.08.2022)**

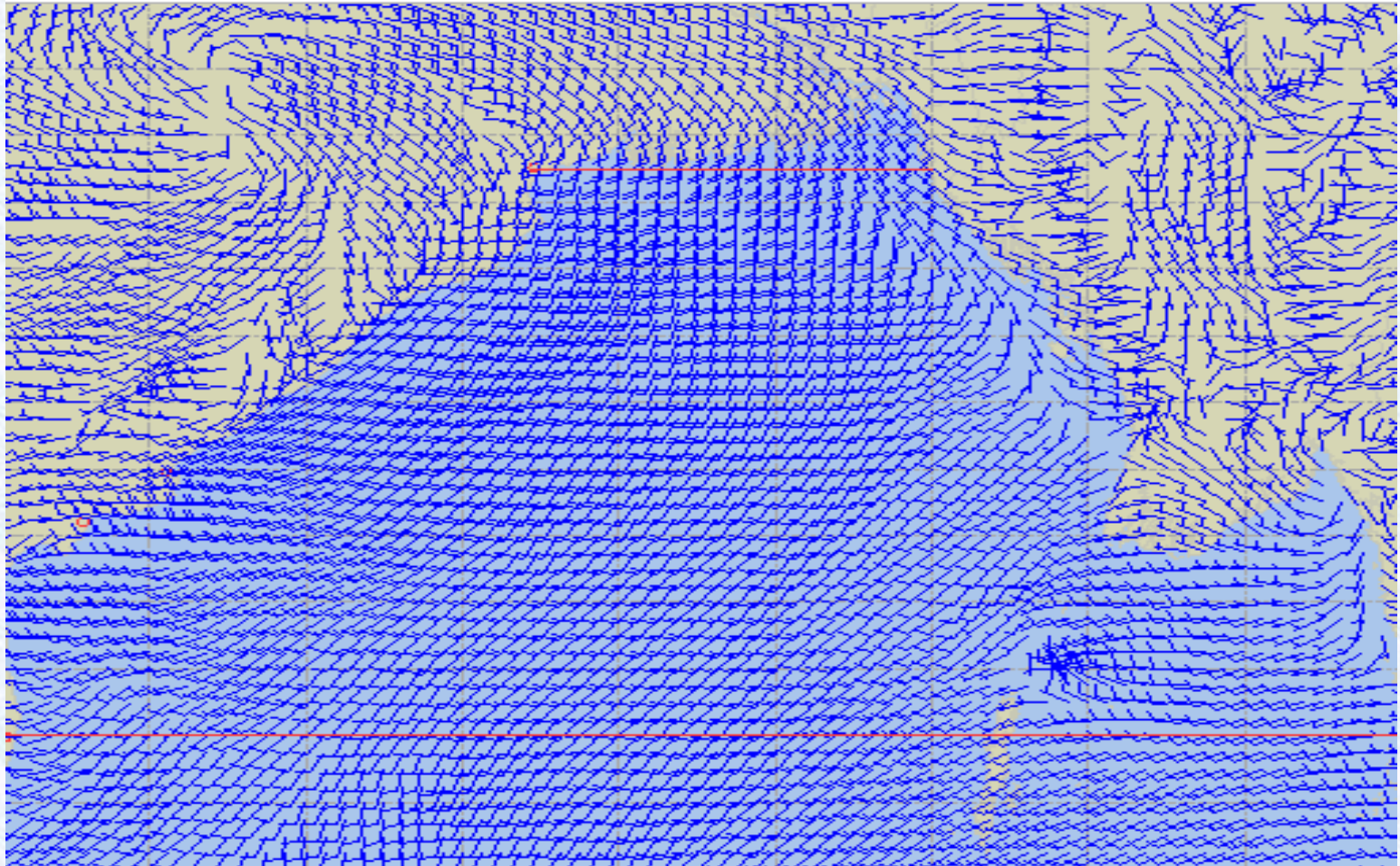
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY, SQUALLS SPEED 60-80 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, CHATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. TWO (R) TWO.

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY, GUSTY/SQUALLY 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- 20 August- 2022



Legend:



Calm
Winds



5 Knots



10 Knots

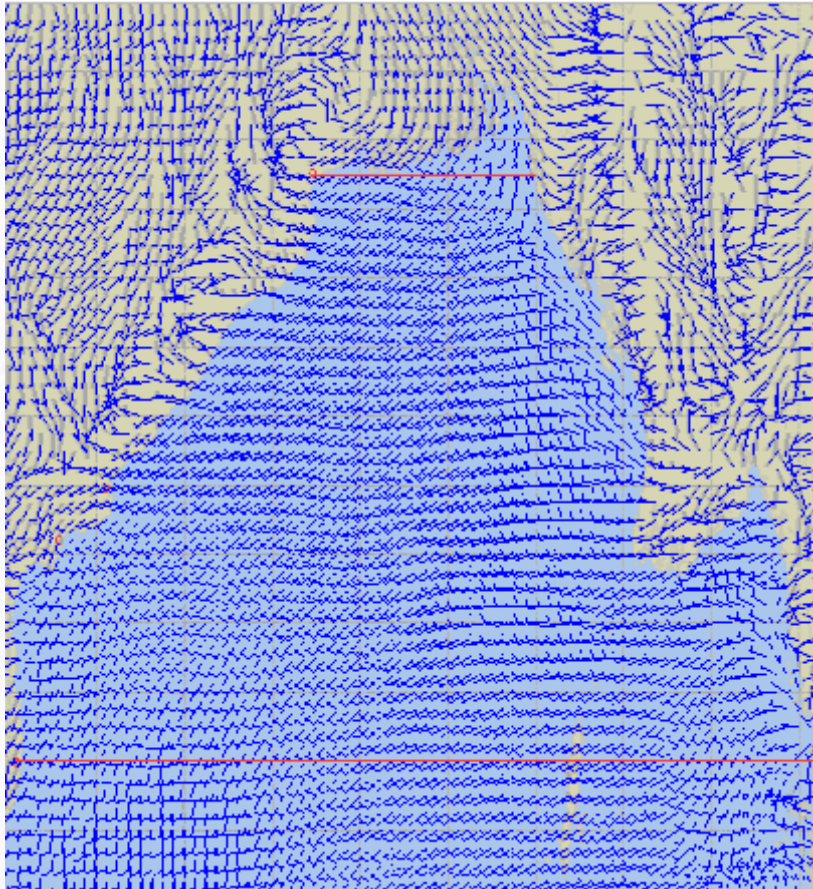


60 Knots

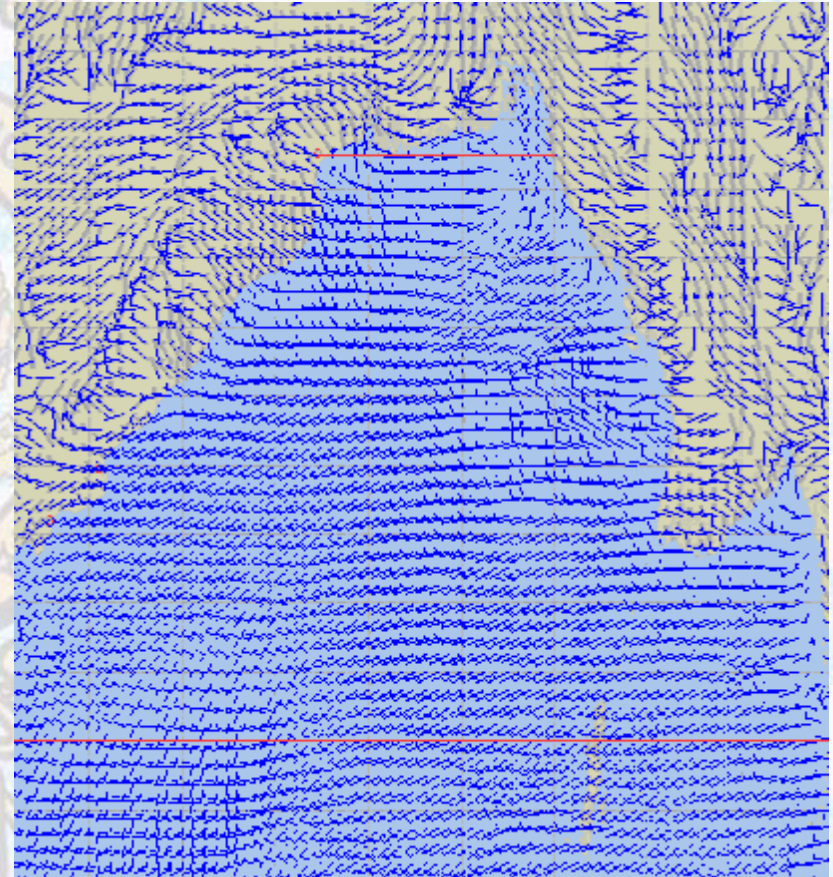


Surface Wind Forecast – 21 to 22 Aug 2022

21 Aug 22 Sunday



22 Aug 22 Monday



Legend:



Calm
Winds



5 Knots



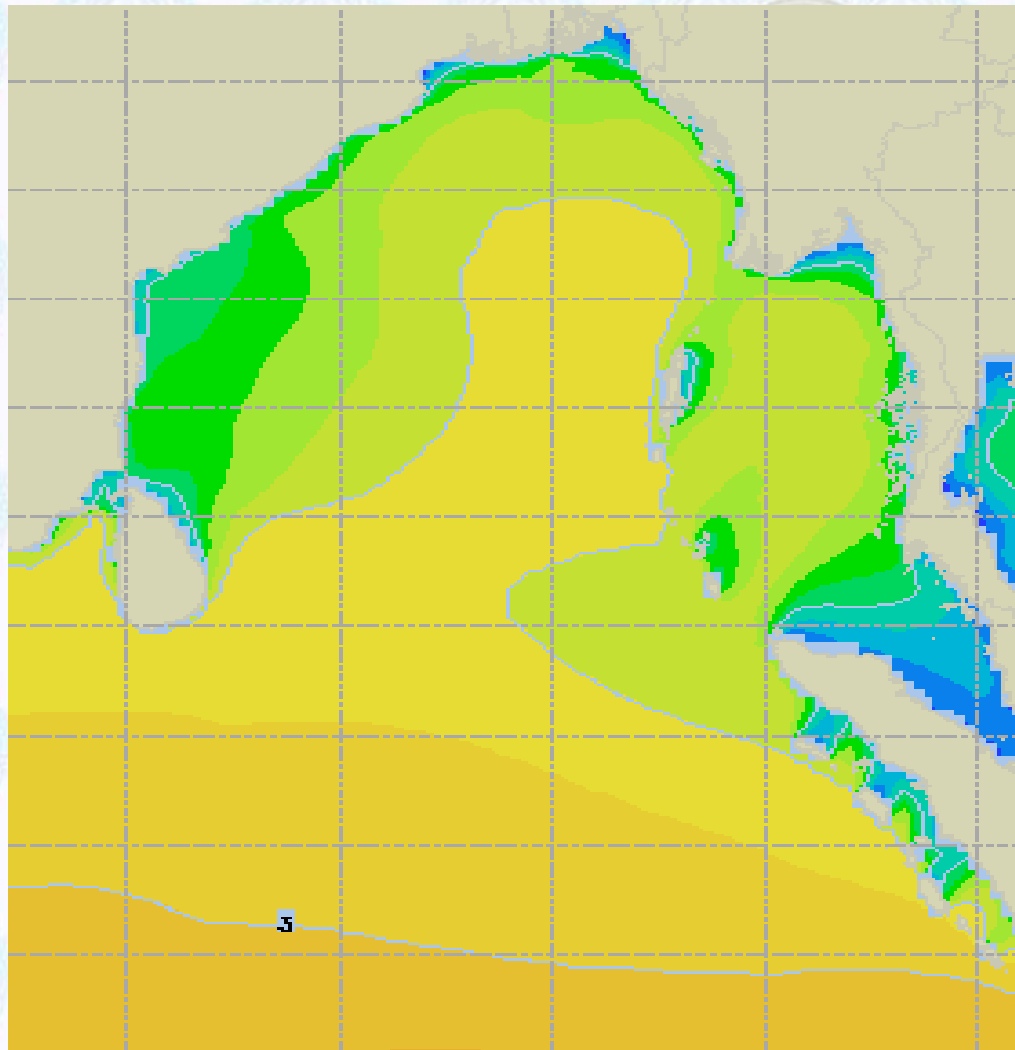
10 Knots



60 Knots



Sea State Forecast – 20 Aug - 2022



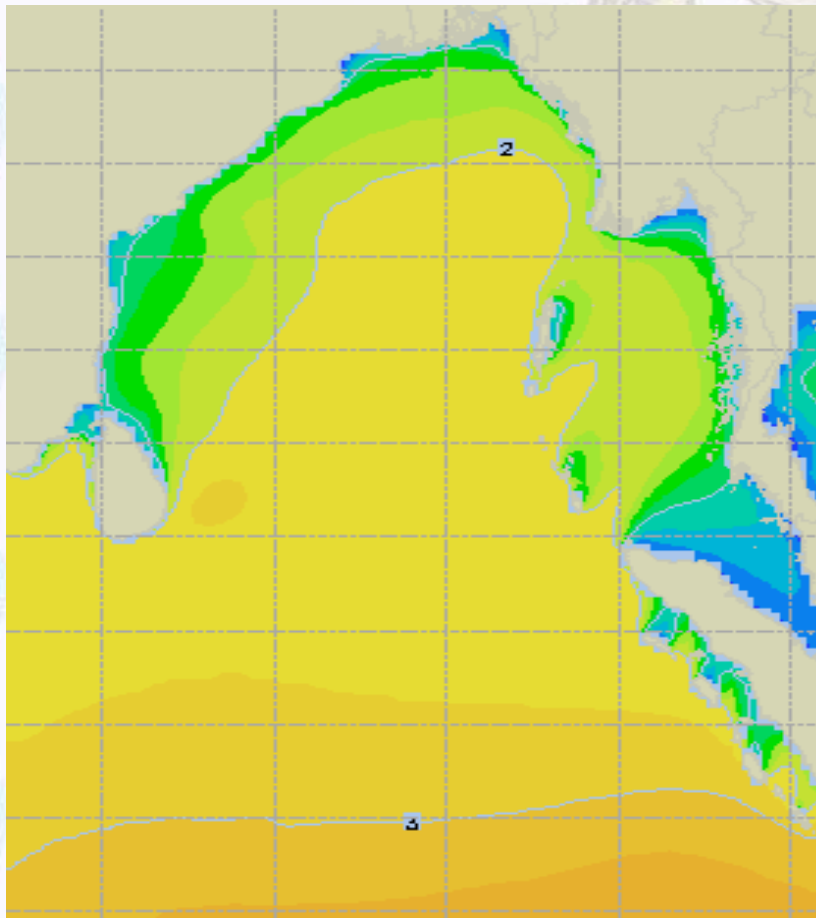
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



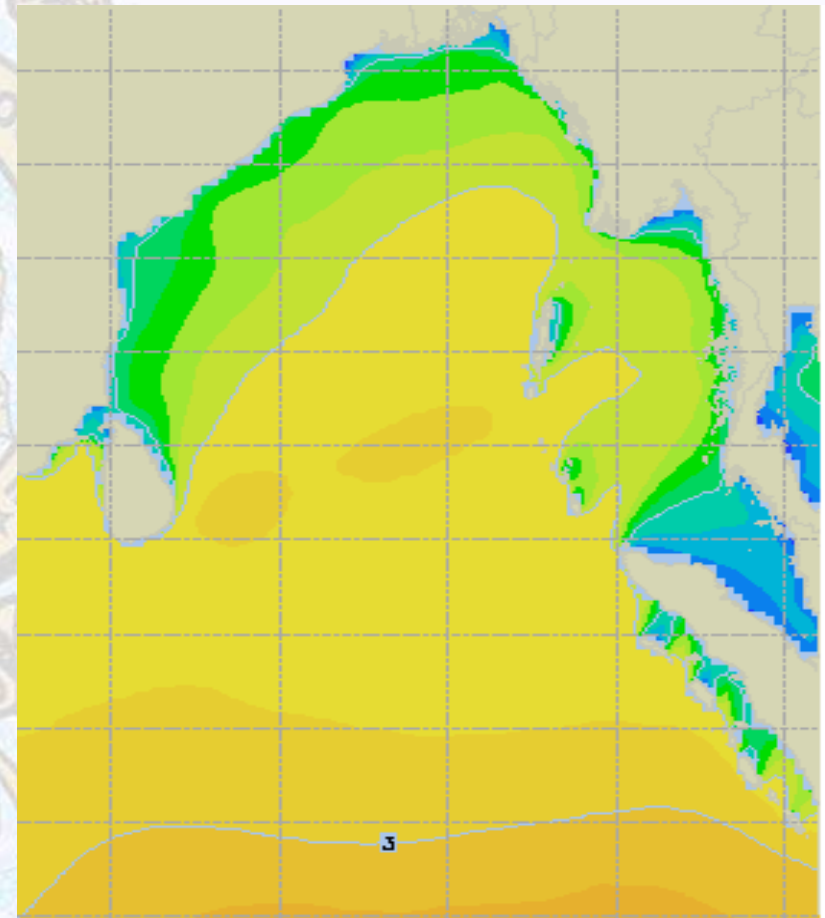


Sea State Forecast – 21 to 22 Aug 2022

21 Aug 22 Sunday



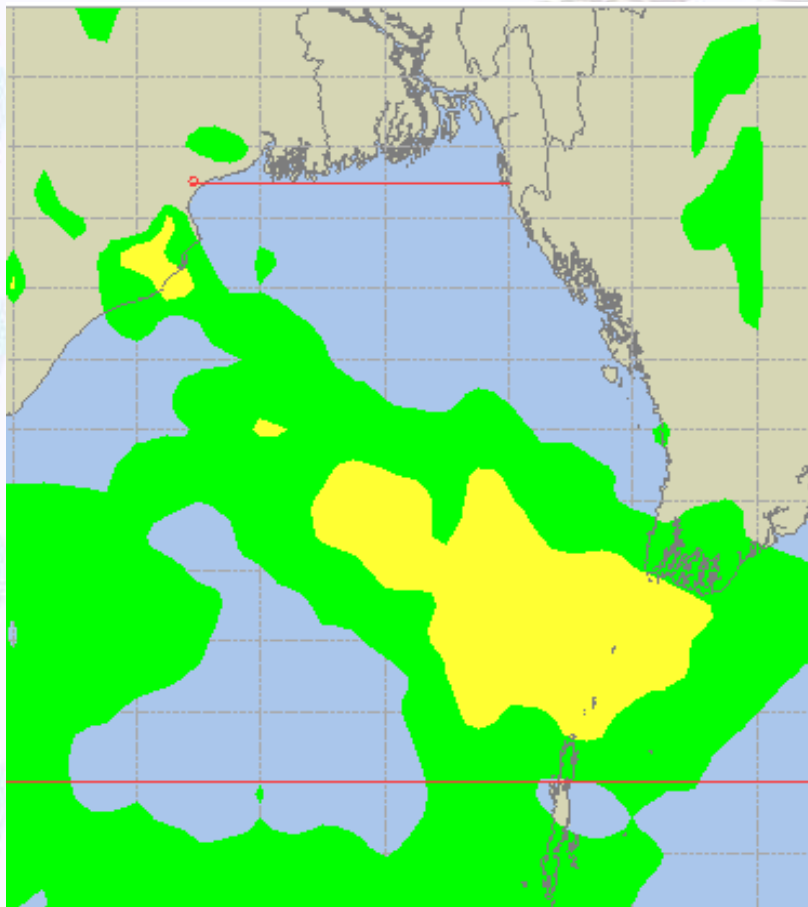
22 Aug 22 Monday





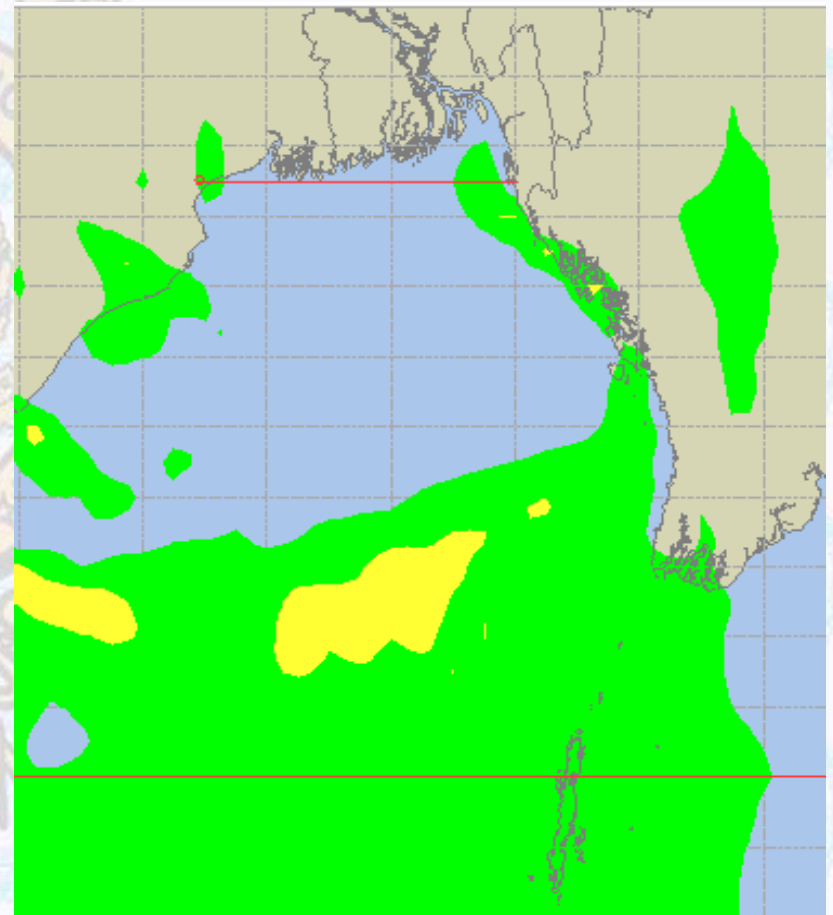
Peak Gusting Possibilities – 20 to 21 Aug 2022

20 Aug 22 Saturday



16 22 27 32 38 43 49 54 59 65 70 78 [knots]

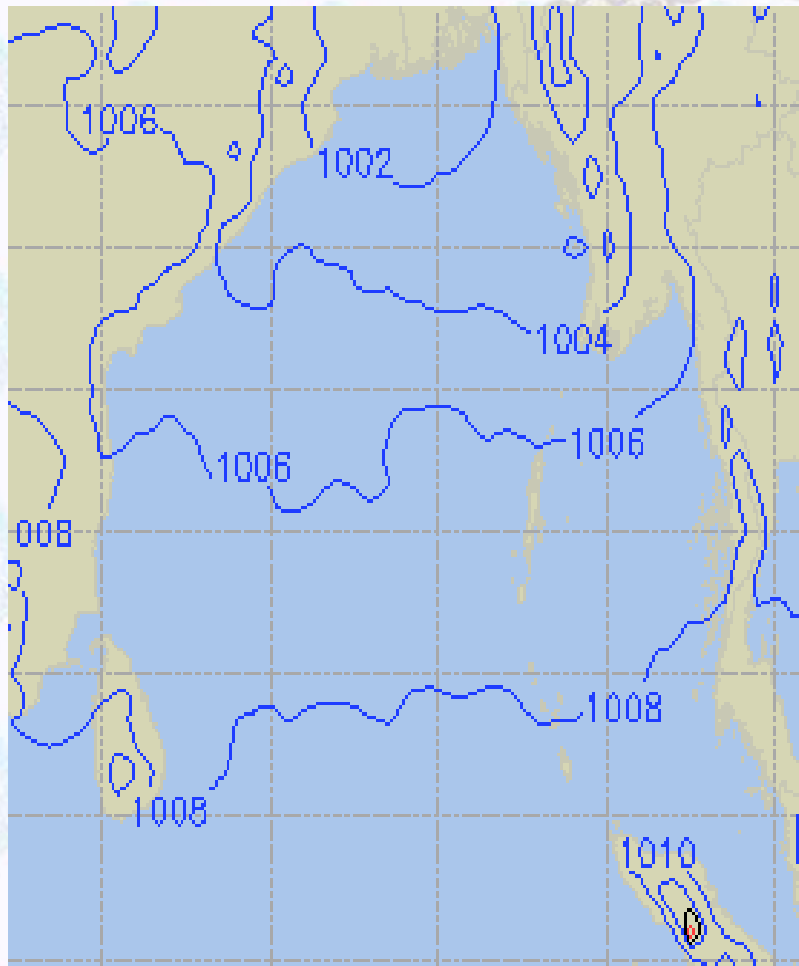
21 Aug 22 Sunday



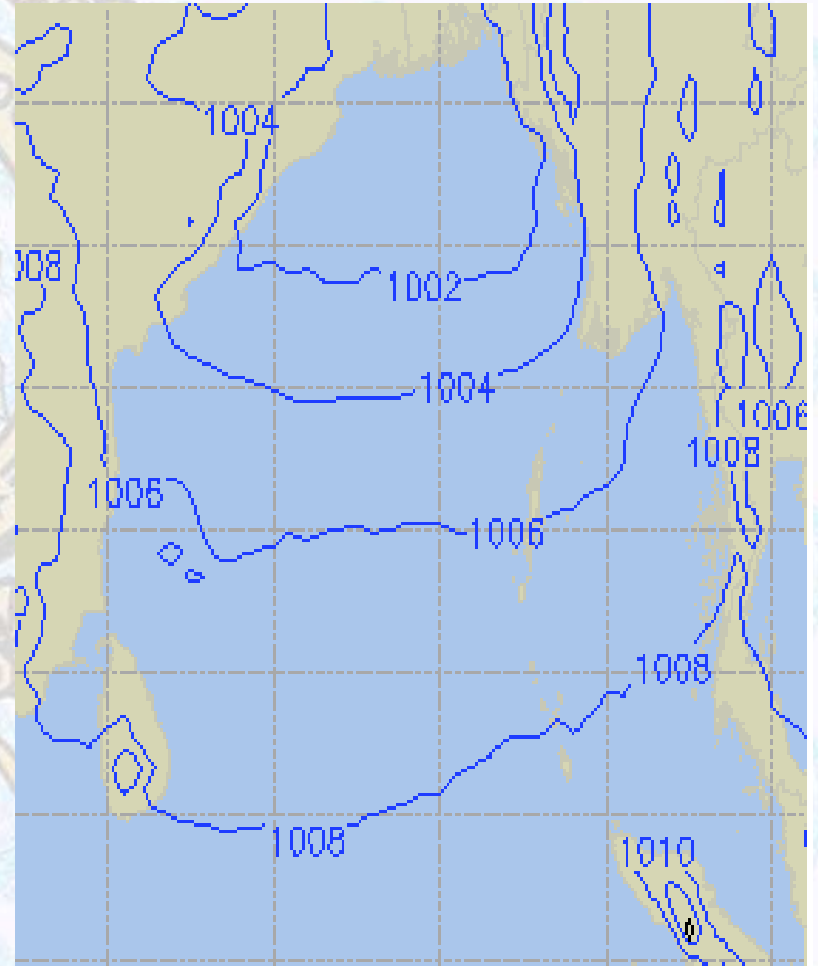


Surface Pressure forecast – 20 to 21 Aug 2022

20 Aug 22 Saturday



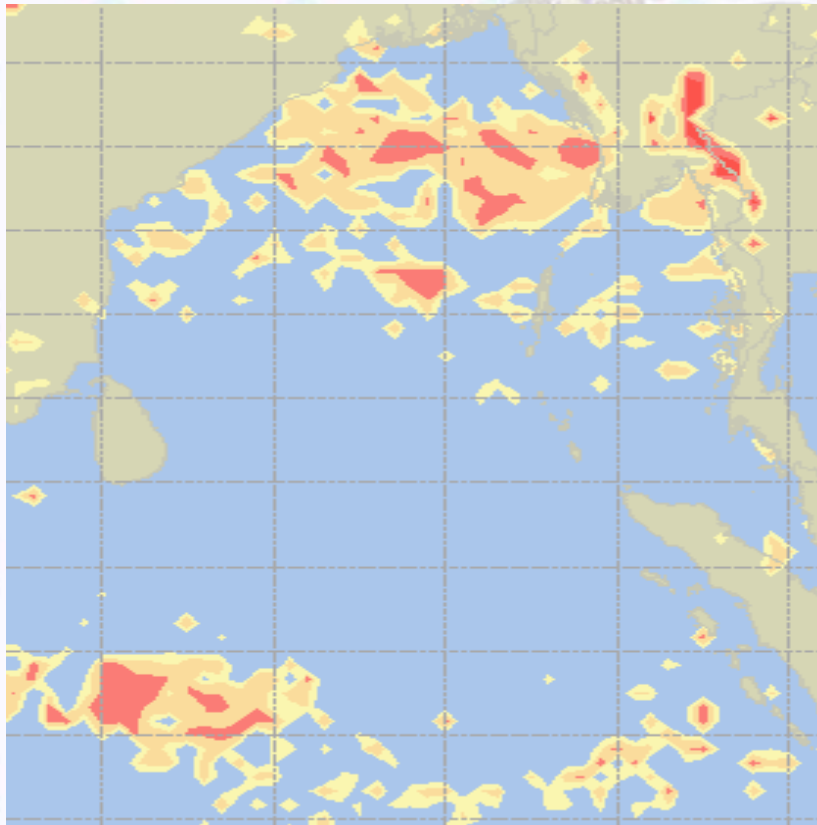
21 Aug 22 Sunday



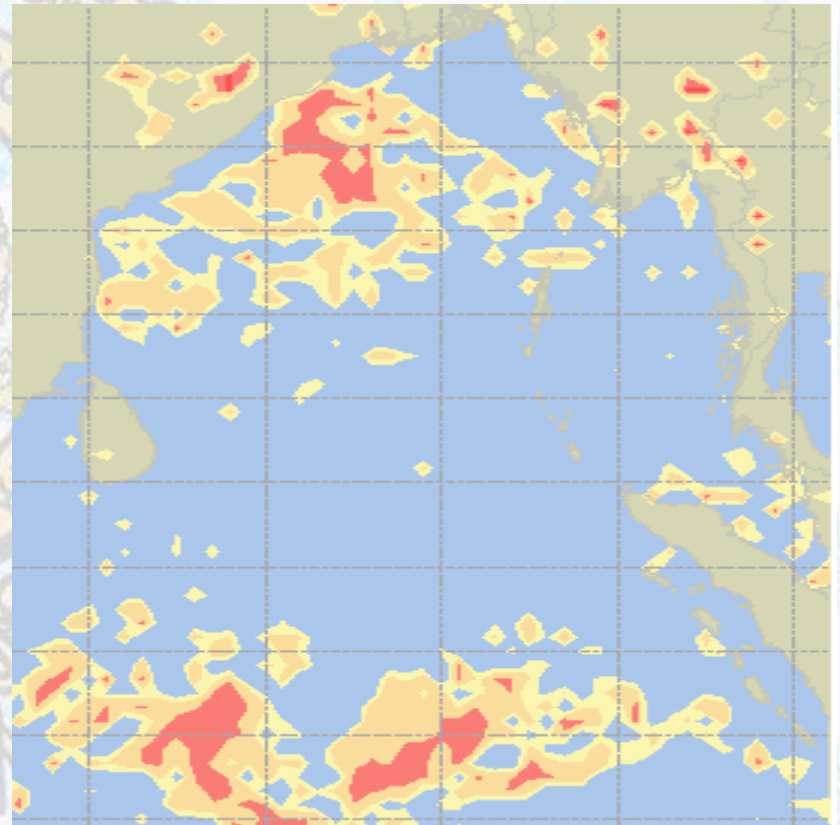


Visibility at Sea Forecast – 20 to 21 Aug 2022

20 Aug 22 Saturday



21 Aug 22 Sunday



Visibility Scale:

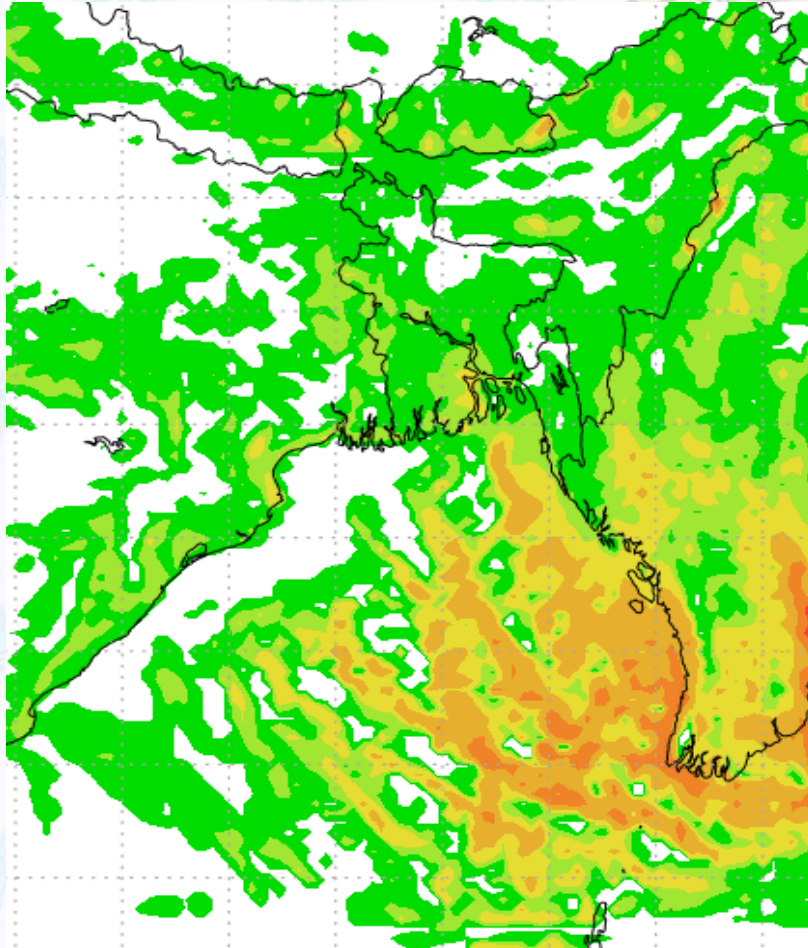


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

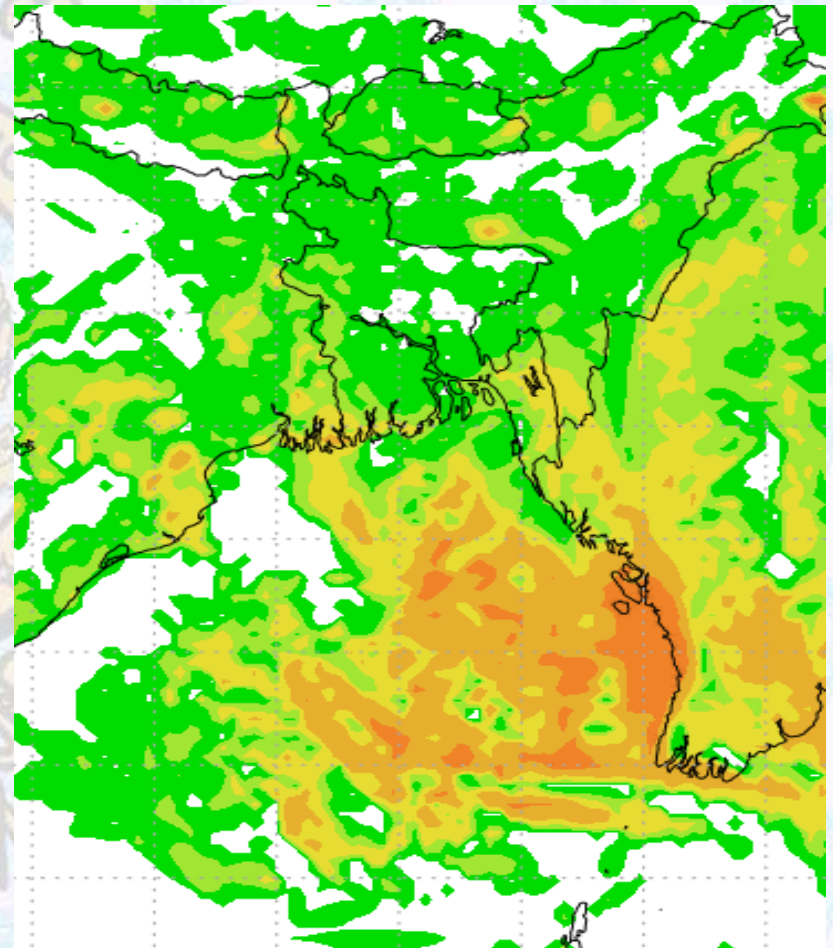


Precipitation

Rain(mm) 20 to 21 Aug 2022



Rain(mm) 21 to 22 Aug 2022



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

20 Aug 2022	Time	Height		Time	Height		Time	Height
	0029	1.50		0417	2.90		0348	2.77
	0651	4.39		1053	1.67		1013	1.80
	1322	1.73		1643	2.68		1557	2.52
	1922	3.93		2317	1.73		2223	1.67
21 Aug 2022	Time	Height		Time	Height		Time	Height
	0137	1.78		0539	2.80		0510	2.66
	0808	4.20		1226	1.73		1212	1.88
	1454	1.82		1810	2.56		1735	2.39
	2054	3.77		**	**		**	**
22 Aug 2022	Time	Height		Time	Height		Time	Height
	0302	1.88		0046	1.74		0005	1.73
	0931	4.21		0715	2.85		0708	2.69
	1618	1.70		1353	1.65		1354	1.77
	2222	3.87		1955	2.63		1947	2.46