



WEATHER FORECAST FOR BN

19 SEP- 22 SEP 2020





WEATHER FORECAST – DHAKA

19.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 26	34 / 26	32 / 26	31 / 26
Wind	8 km/h N	6 km/h N	3 km/h NW	3 km/h NW
Humidity	60%	63%	73%	77%
Chance of Precip	15%	7%	5%	13%
Cloud Cover	45%	43%	40%	46%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 47 AM 17: 59 PM			

Conditions

Pressure : 1001 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

19.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 28	32 / 28	30 / 28	30 / 28
Wind	8 km/h WNW	8 km/h WNW	4 km/h WNW	3 km/h NW
Humidity	74%	78%	87%	90%
Chance of Precip.	9%	11%	56%	48%
Cloud Cover	30%	41%	69%	64%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy / Light Rain	Partly Cloudy / Light Rain
Sunrise Sunset	5: 41 AM 17: 53 PM			

Conditions

Pressure : 1001 hpa

Visibility : 14.48 Km

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



WEATHER FORECAST – KHULNA

19.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 28	34 / 28	31 / 28	30 / 28
Wind	5 km/h NNE	4 km/h N	2 km/h NNW	1 km/h NNW
Humidity	68%	72%	84%	88%
Chance of Precip.	14%	24%	13%	18%
Cloud Cover	59%	50%	51%	58%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 51 AM 18: 03 PM			

Conditions

Pressure : 1002 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	20 Sep 2020	21 Sep 2020	22 Sep 2020
Temperature (C)	36 °C/ 28 °C	29 °C/ 27 °C	30 °C/ 27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h46m48s/17h56m30s	5h47m06s/17h55m30s	5h47m30s/17h54m24s
Day Length	12h09m42s	12h08m24s	12h06m54s
Moon Rise/ Set	8:34AM 8:19 PM	9:40AM 9:05 PM	10:44AM 9:54 PM
Moon Phase/ illu	Waxing Crescent 16%	Waxing Crescent 26%	Waxing Crescent 37%
Nautical Twilight	04:57, 18:46	04:57, 18:44	04:58, 18:43
Civil Twilight	05:23, 18:20	05:24, 18:18	05:24, 18:17
Humidity	D : 66% N : 76%	D : 81% N : 84%	D : 81% N : 85%
Barometer (mb)	998	999	1000
Visibility	Moderate	Moderate	Moderate
Precip Chance	20%	50%	80%
Wind (mph)	13 Km/h ENE	22 Km/h ESE	20 Km/h SE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	20 Sep 2020	21 Sep 2020	22 Sep 2020
Temperature (C)	33 °C/ 27 °C	30 °C/ 27 °C	30 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h41m12s/17h50m36s	5h41m30s/17h49m42s	5h41m48s/17h48m42s
Day Length	12h09m24s	12h08m12s	12h06m54s
Moon Rise/ Set	8:27AM 8:15 PM	9:32AM 9:01 PM	10:36AM 9:50 PM
Moon Phase/ illu	Waxing Crescent 16%	Waxing Crescent 26%	Waxing Crescent 37%
NauticalTwilight	04:52, 18:40	04:52, 18:38	04:53, 18:37
Civil Twilight	05:18, 18:14	05:18, 18:12	05:19, 18:11
Humidity	D : 81% N : 86%	D : 86% N : 90%	D : 87% N : 91%
Barometer (mb)	999	1000	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	95%
Wind (mph)	13 Km/h SE	25 Km/h SE	23 Km/h SSE

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



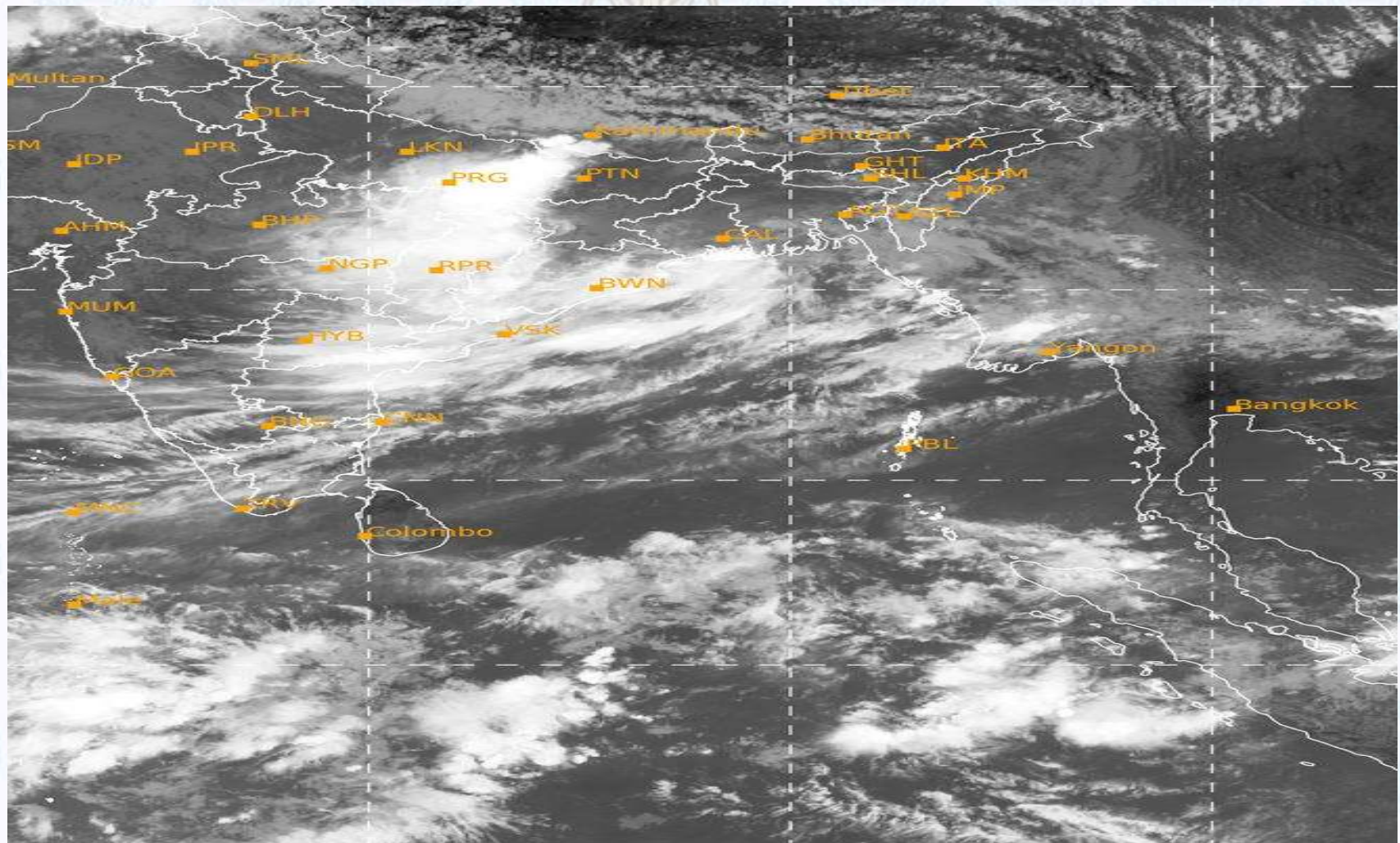
GENERAL WEATHER FORECAST – KHULNA

Description	20 Sep 2020	21 Sep 2020	22 Sep 2020
Temperature(C)	35°C/ 27°C	30°C/ 27°C	31°C/ 27°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h50m18s/17h59m48s	5h50m36s/17h58m54s	5h50m54s/17h57m48s
Day Length	12h09m30s	12h08m18s	12h06m54s
Moon Rise/Set	8:37AM 8:25 PM	9:42AM 9:11 PM	10:47AM 10:00 PM
Moon Phase/illu	Waxing Crescent 16%	Waxing Crescent 26%	Waxing Crescent 37%
Nautical Twilight	05:01, 18:49	05:01, 18:47	05:02, 18:46
Civil Twilight	05:27, 18:23	05:27, 18:21	05:28, 18:20
Humidity	D : 71% N : 82%	D : 86% N : 87%	D : 85% N : 87%
Barometer (mb)	999	998	1000
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	90%	90%
Wind (mph)	12 km/h NE	25 km/h ESE	19 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL



19/09/2020, 11:00 UTC MATSAT-IR

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 19.09.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK OVER NORTH BAY.	
Part Three	Weather	TEMPORARY RAIN /THUNDER SHOWERS OVER AREA C-90.
	Wind	WEST/SOUTH-WESTERLY 08-12 KTS. TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 19,0000 UTC. CHATTOGRAM =1001 HPA



Inland River Port Warning (VALID TILL 06 PM OF 19.09.2020)

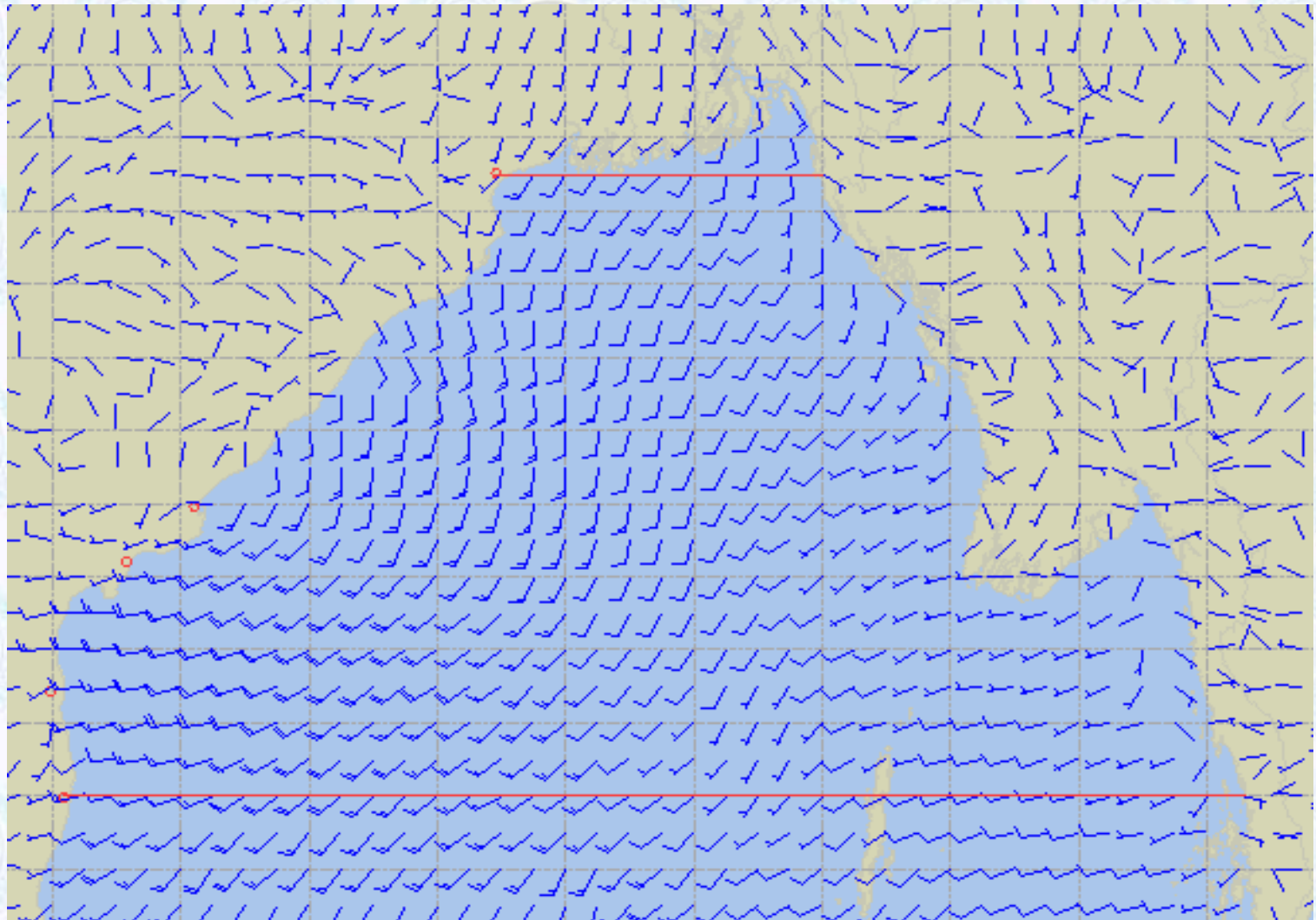
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 20 Sep- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



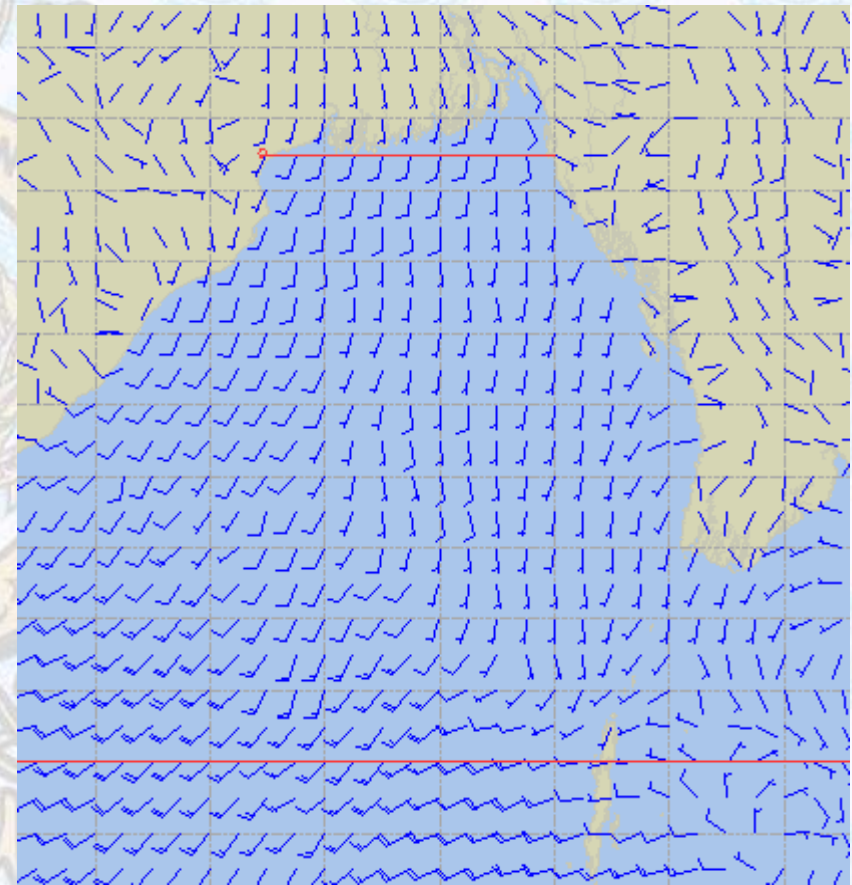
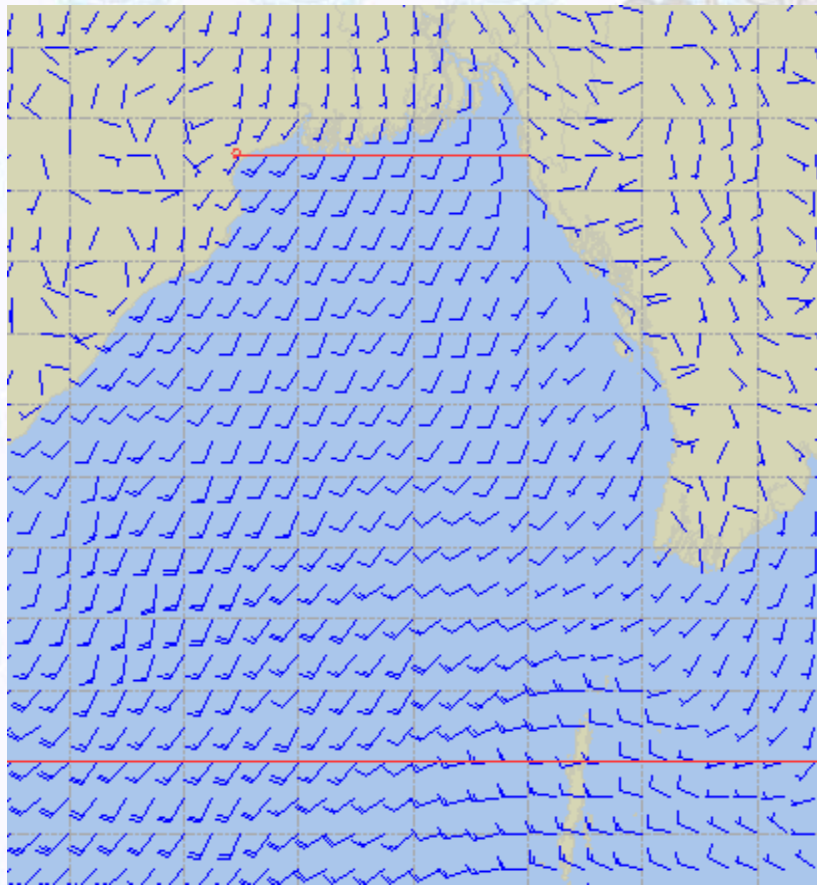
60 Knots



Surface Wind Forecast – 21 & 22 Sep - 2020

21 Sep 20 Monday

22 Sep 20 Tuesday



Legend:



**Calm
Winds**



5 Knots



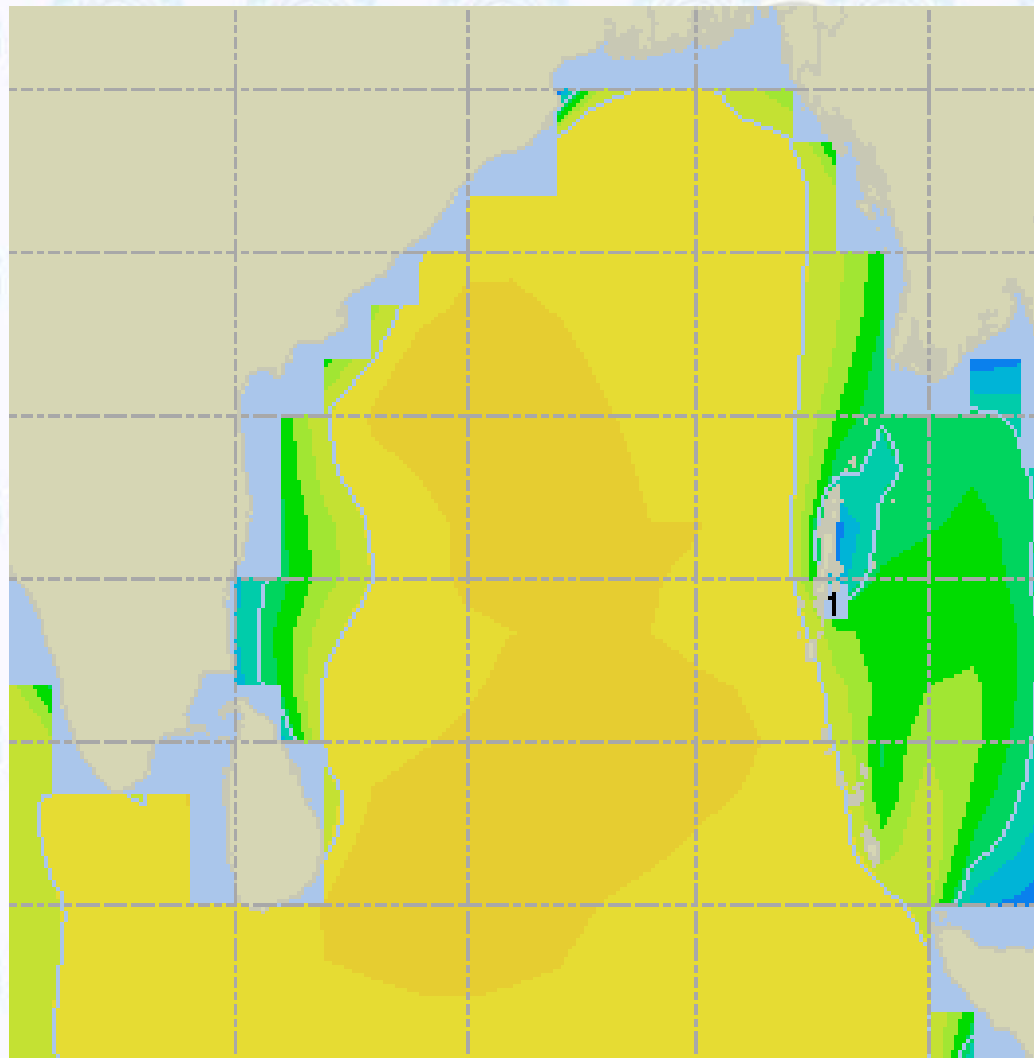
10 Knots



60 Knots



Sea State Forecast – 20 Sep- 2020



Sea State	Ht (m)
0	0-0.1
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

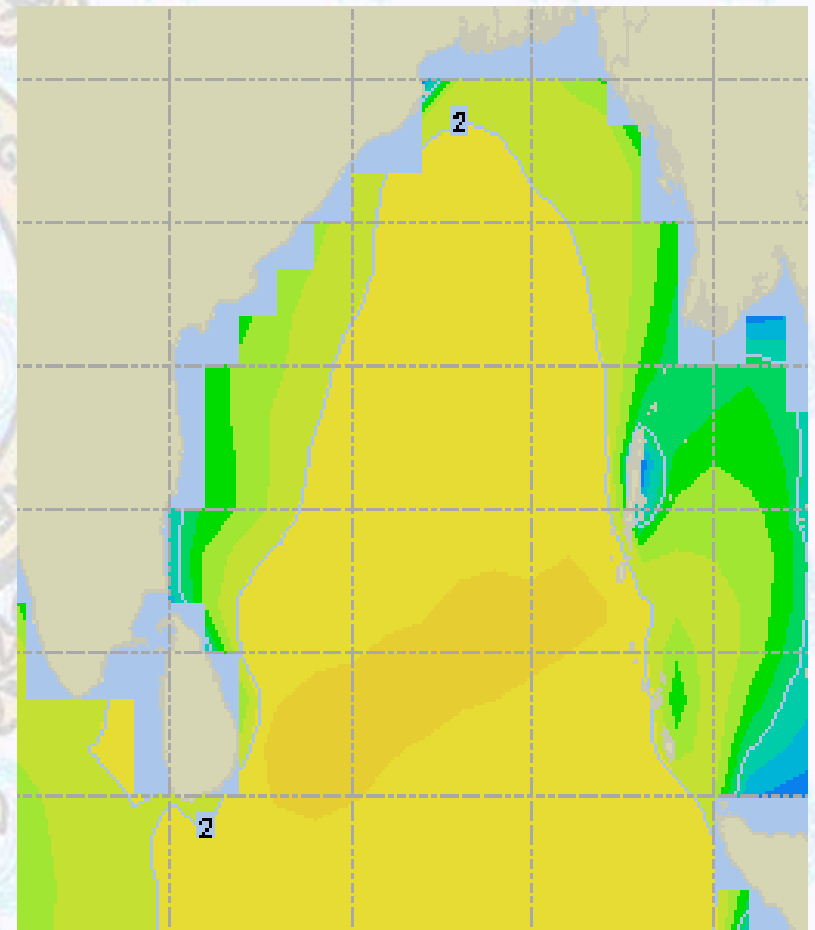
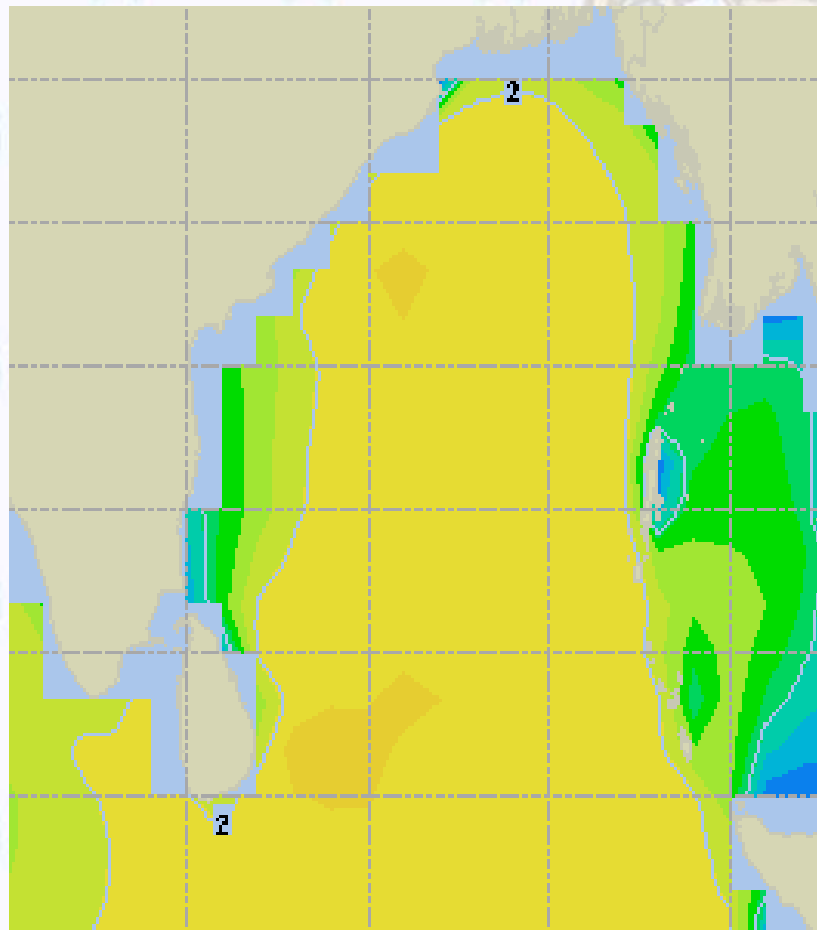




Sea State Forecast – 21 & 22 Sep - 2020

21 Sep 20 Monday

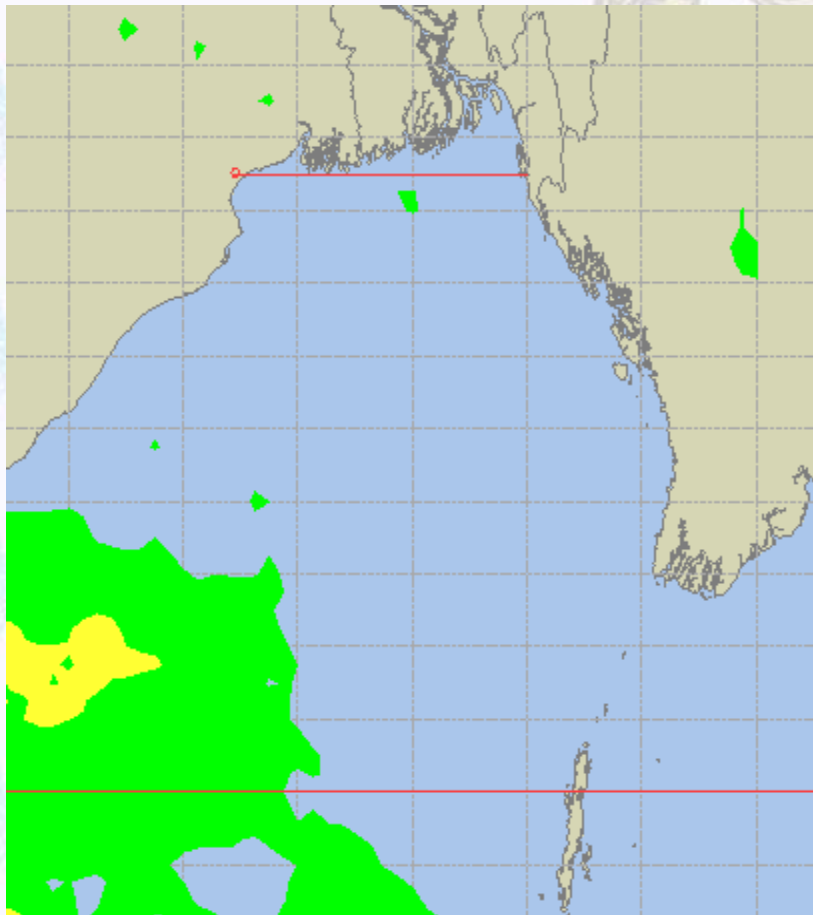
22 Sep 20 Tuesday



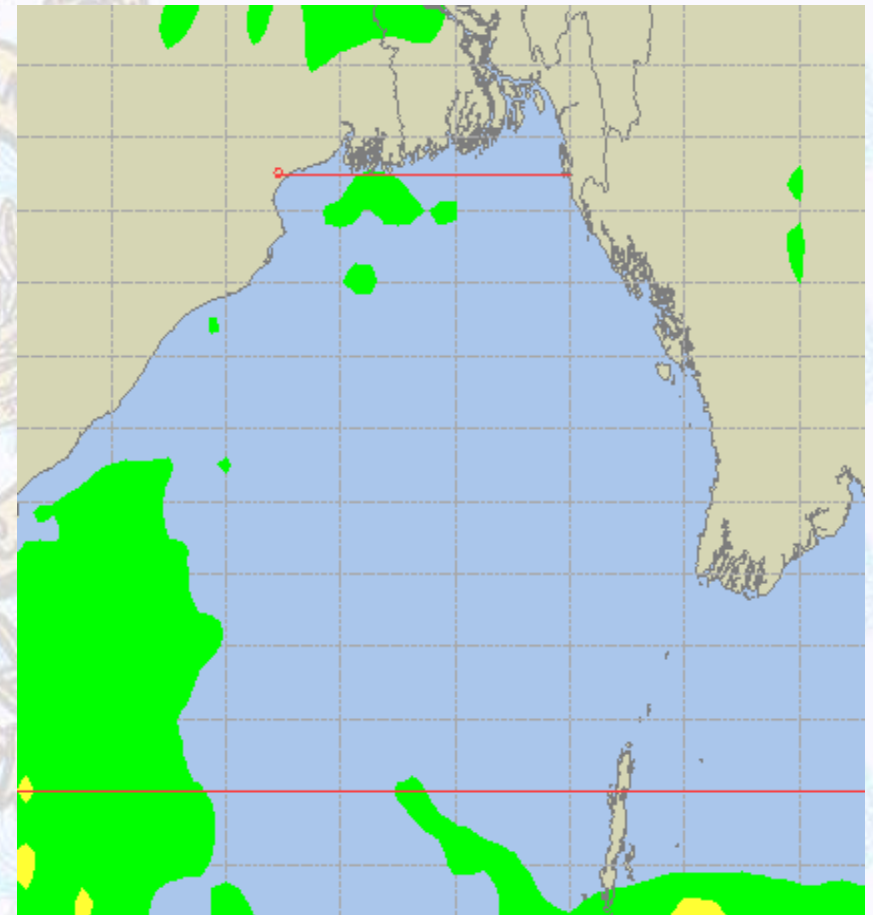


Peak Gusting Possibilities— 20 & 21 Sep 2020

20 Sep 20 Sunday



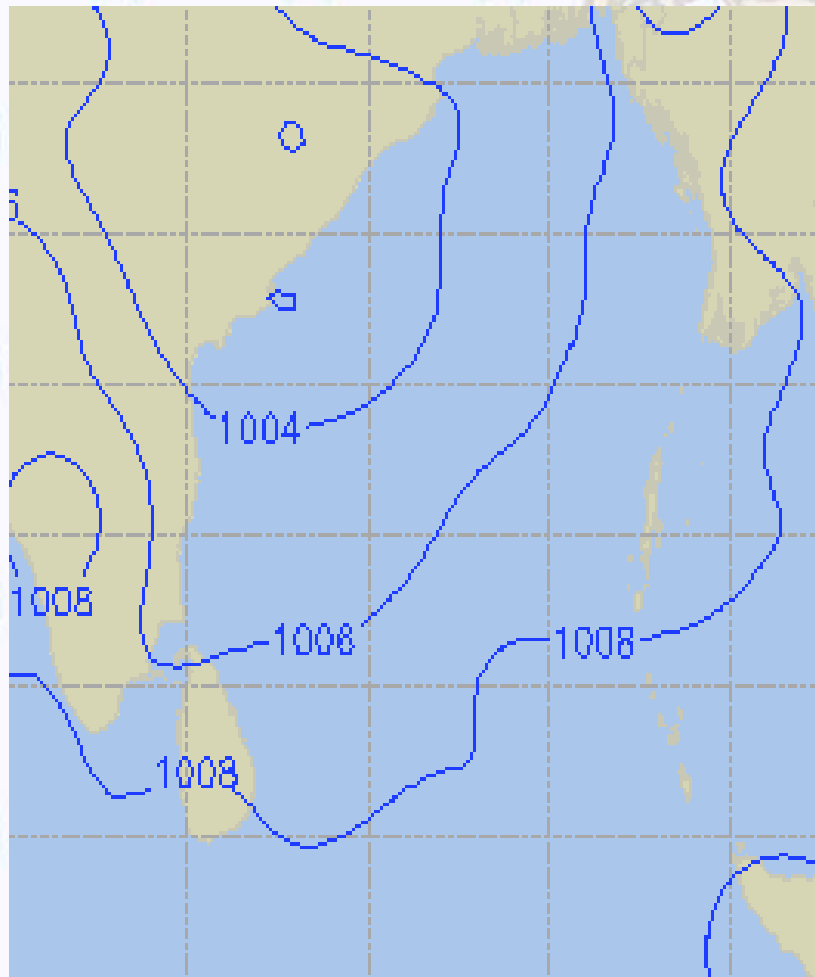
21 Sep 20 Monday



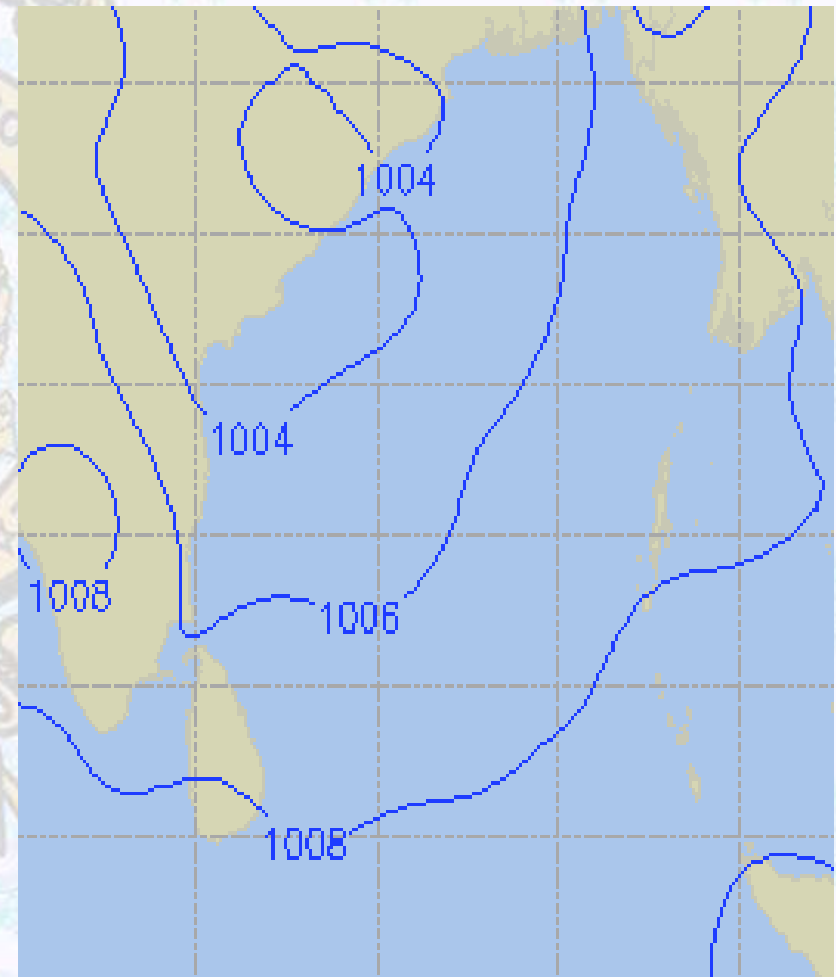


Surface Pressure forecast– 20 & 21 Sep 2020

20 Sep 20 Sunday



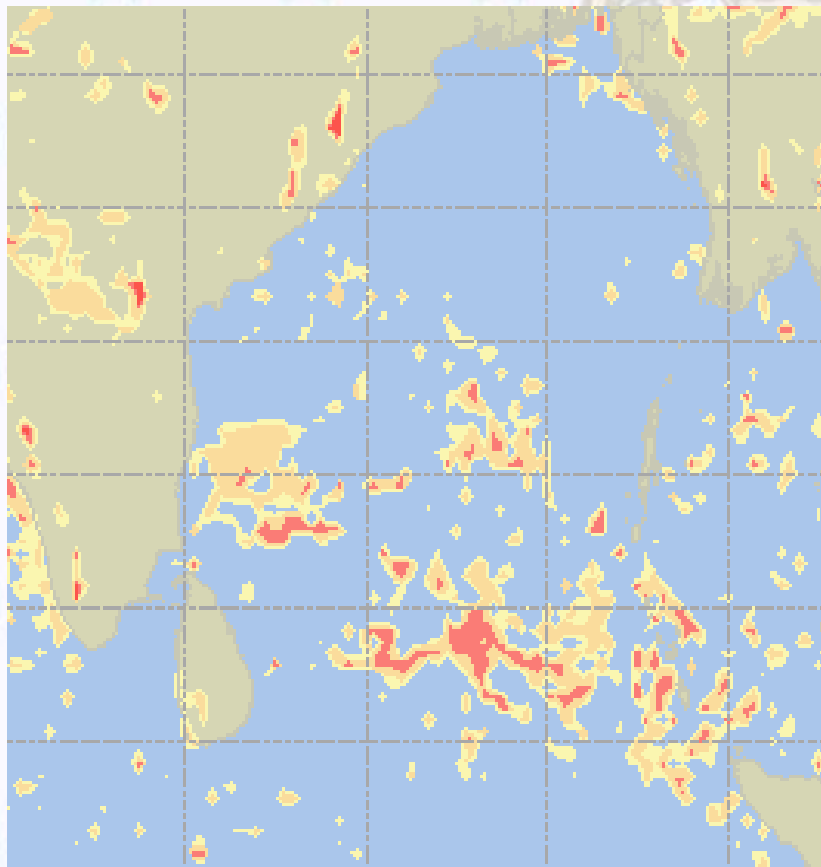
21 Sep 20 Monday



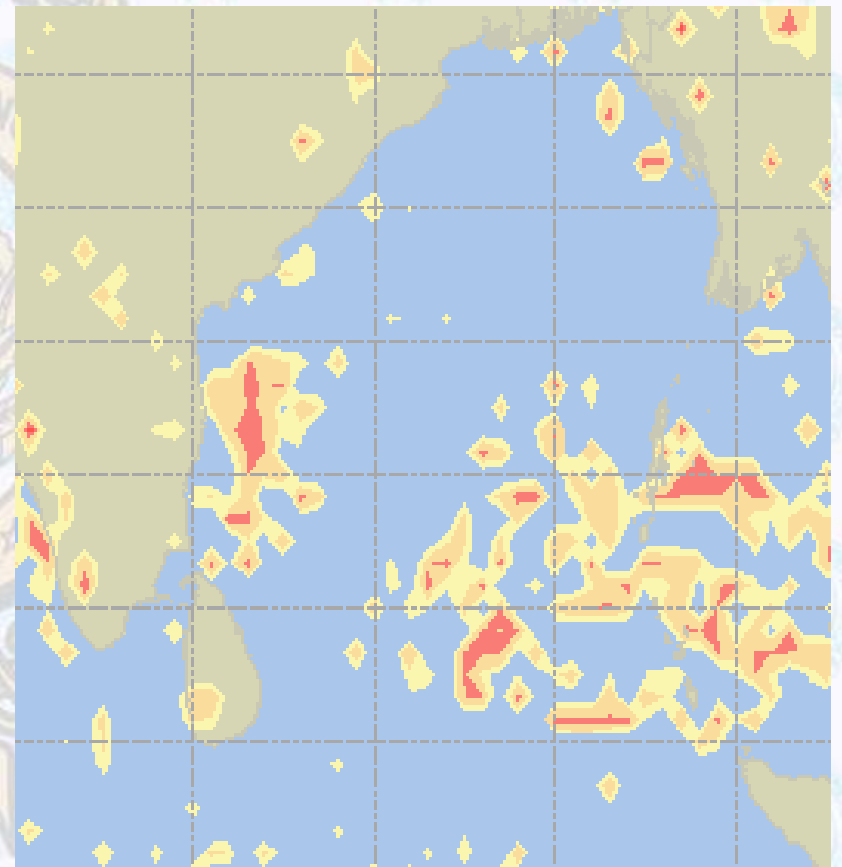


Visibility at Sea Forecast – 20 & 21 Sep 2020

20 Sep 20 Sunday



21 Sep 20 Monday



Visibility Scale:

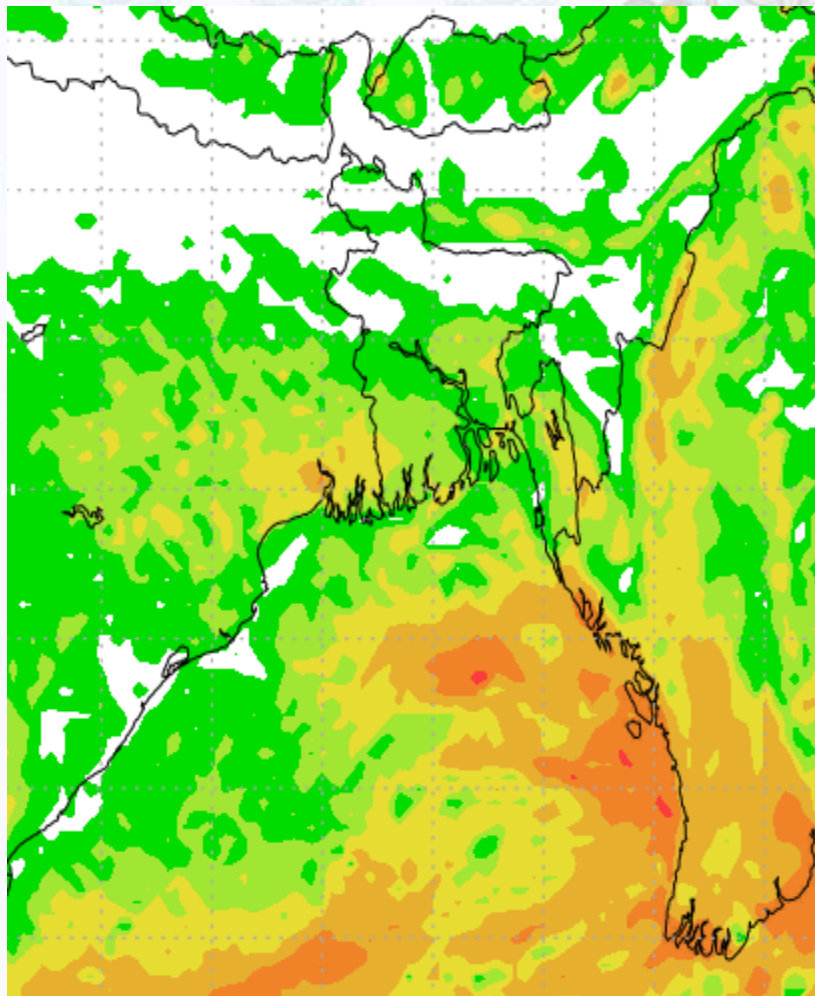


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

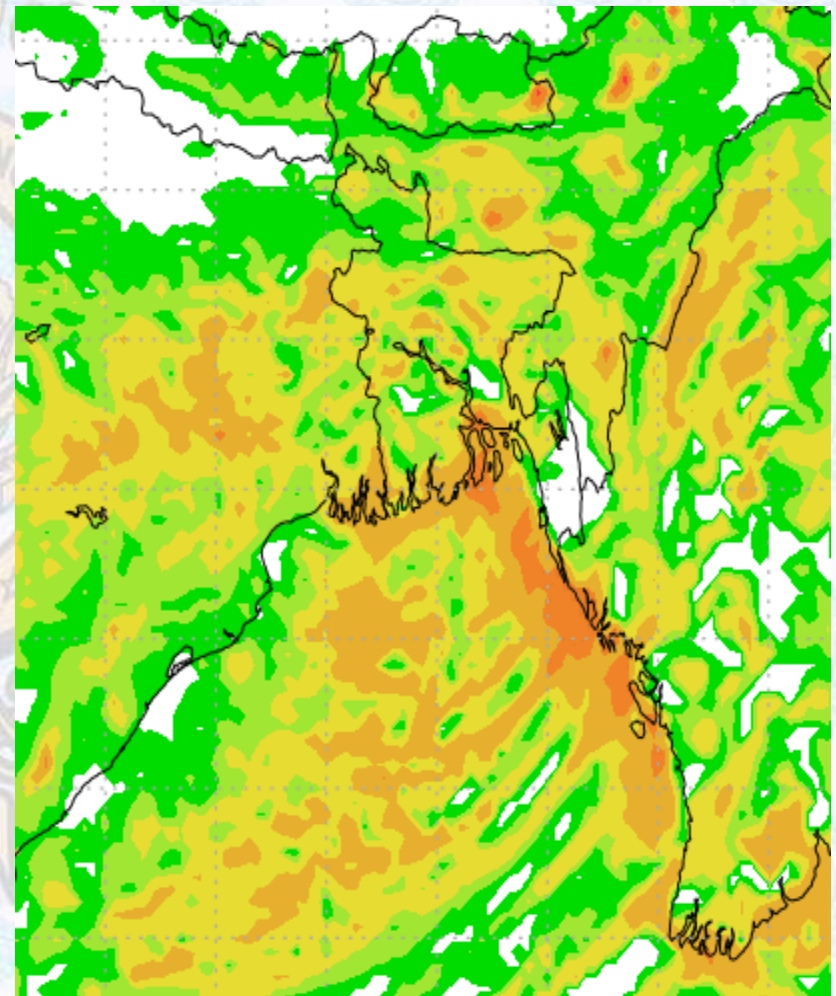


Precipitation

Rain(mm) 20 & 21 Sep 2020



Rain(mm) 21 & 22 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0225		5.50			0003	3.88
20 Sep 2020	0902	0.41		0650	0.70		0622	0.66
	1442	5.40		1224	3.80		1215	3.37
	2121	0.38		1909	0.68		1839	0.59
21 Sep 2020	Time	Height		Time	Height		Time	Height
	0307	5.41		0047	3.75		0040	3.42
	0944	0.50		0731	0.78		0702	0.80
	1528	5.15		1308	3.58		1254	3.20
	2201	0.54		1949	0.79		1916	0.76
22 Sep 2020	Time	Height		Time	Height		Time	Height
	0354	5.19		0133	3.54		0121	3.26
	1029	0.71		0815	0.90		0744	1.01
	1619	4.80		1355	3.29		1336	2.98
	2246	0.82		2033	0.96		1955	0.99