



WEATHER FORECAST FOR BN

27 SEP-30 SEP 2020





WEATHER FORECAST – DHAKA

27.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 25	30 / 25	28 / 25	28 / 25
Wind	13 km/h S	10 km/h S	8 km/h SSE	7 km/h SSE
Humidity	73%	74%	81%	82%
Chance of Precip	24%	37%	11%	23%
Cloud Cover	79%	75%	85%	83%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 49 AM 17: 51 PM			

Conditions

Pressure : 1005 hpa

Visibility : 9.66 km

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



WEATHER FORECAST – CHATTOGRAM

27.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	29 / 27	28 / 26	28 / 26
Wind	18 km/h SSW	16 km/h S	12 km/h SSE	11 km/h SE
Humidity	84%	87%	90%	90%
Chance of Precip.	79%	39%	50%	38%
Cloud Cover	75%	80%	77%	75%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 44 AM 17: 45 PM			

Conditions

Pressure : 1006 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

27.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	31 / 27	29 / 27	28 / 27
Wind	8 km/h SSW	8 km/h SSW	4 km/h SE	4 km/h SSE
Humidity	79%	82%	91%	93%
Chance of Precip.	59%	61%	20%	13%
Cloud Cover	80%	75%	77%	69%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 53 AM 17: 54 PM			

Conditions

Pressure : 1005 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	28 Sep 2020	29 Sep 2020	30 Sep 2020
Temperature (C)	32 °C/ 27 °C	32 °C/ 27 °C	32 °C/ 27 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h49m00s/17h48m18s	5h49m12s/17h47m18s	5h49m42s/17h46m18s
Day Length	11h59m18s	11h58m06s	11h56m36s
Moon Rise/ Set	4:03 PM 2:31 AM	4:39 PM 3:36 AM	5:13 PM 4:18 AM
Moon Phase/ illu	Waxing Gibbous, 87%	Waxing Gibbous, 93%	Waxing Gibbous, 97%
NauticalTwilight	05:00, 18:37	05:00, 18:36	05:01, 18:35
Civil Twilight	05:26, 18:11	05:26, 18:10	05:27, 18:09
Humidity	D : 77% N : 86%	D : 75% N : 85%	D : 75% N : 85%
Barometer (mb)	1005	1005	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	30%	50%	20%
Wind (mph)	7 Km/h S	6 Km/h SSW	6 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	28 Sep 2020	29 Sep 2020	30 Sep 2020
Temperature (C)	31 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h43m06s/17h43m00s	5h43m12s/17h42m00s	5h43m36s/17h41m00s
Day Length	11h59m54s	11h58m48s	11h57m24s
Moon Rise/ Set	3:55 PM 2:27 AM	4:32 PM 3:22 AM	5:06 PM 4:13 AM
Moon Phase/ illu	Waxing Gibbous, 87%	Waxing Gibbous, 93%	Waxing Gibbous, 97%
NauticalTwilight	04:54, 18:31	04:55, 18:30	04:55, 18:29
Civil Twilight	05:20, 18:05	05:21, 18:04	05:21, 18:03
Humidity	D : 82% N : 92%	D : 82% N : 92%	D : 82% N : 91%
Barometer (mb)	1006	1006	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	40%	50%	60%
Wind (mph)	10 Km/h SSW	9 Km/h SW	7 Km/h SW

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



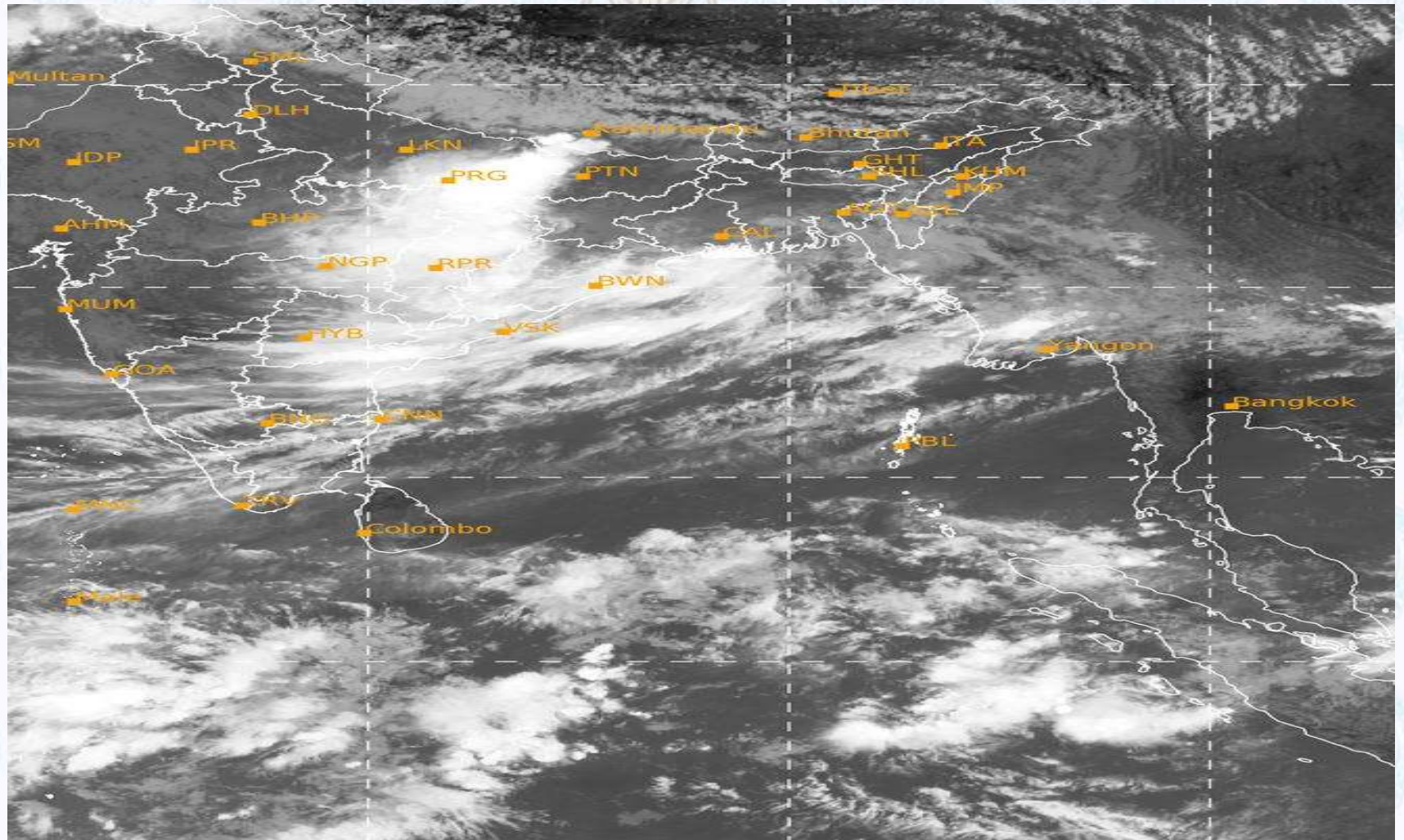
GENERAL WEATHER FORECAST – KHULNA

Description	28 Sep 2020	29 Sep 2020	30 Sep 2020
Temperature(C)	32°C/ 27°C	33°C/ 27°C	32°C/ 27°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h52m18s/17h52m00s	5h52m24s/17h51m00s	5h52m54s/17h50m00s
Day Length	11h59m42s	11h58m36s	11h57m06s
Moon Rise/Set	4:05 PM 2:36 PM	4:42 PM 3:30 PM	5:16 PM 4:22 PM
Moon Phase/illu	Waxing Gibbous, 87%	Waxing Gibbous, 93%	Waxing Gibbous, 97%
Nautical Twilight	05:03, 18:40	05:04, 18:39	05:04, 18:38
Civil Twilight	05:30, 18:14	05:30, 18:13	05:30, 18:12
Humidity	D : 80% N : 89%	D : 79% N : 88%	D : 79% N : 87%
Barometer (mb)	1005	1005	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	70%	50%	50%
Wind (mph)	6 km/h SSW	5 km/h SSE	6 km/h ESE

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



SATELLITE VIEW OF BAY OF BENGAL

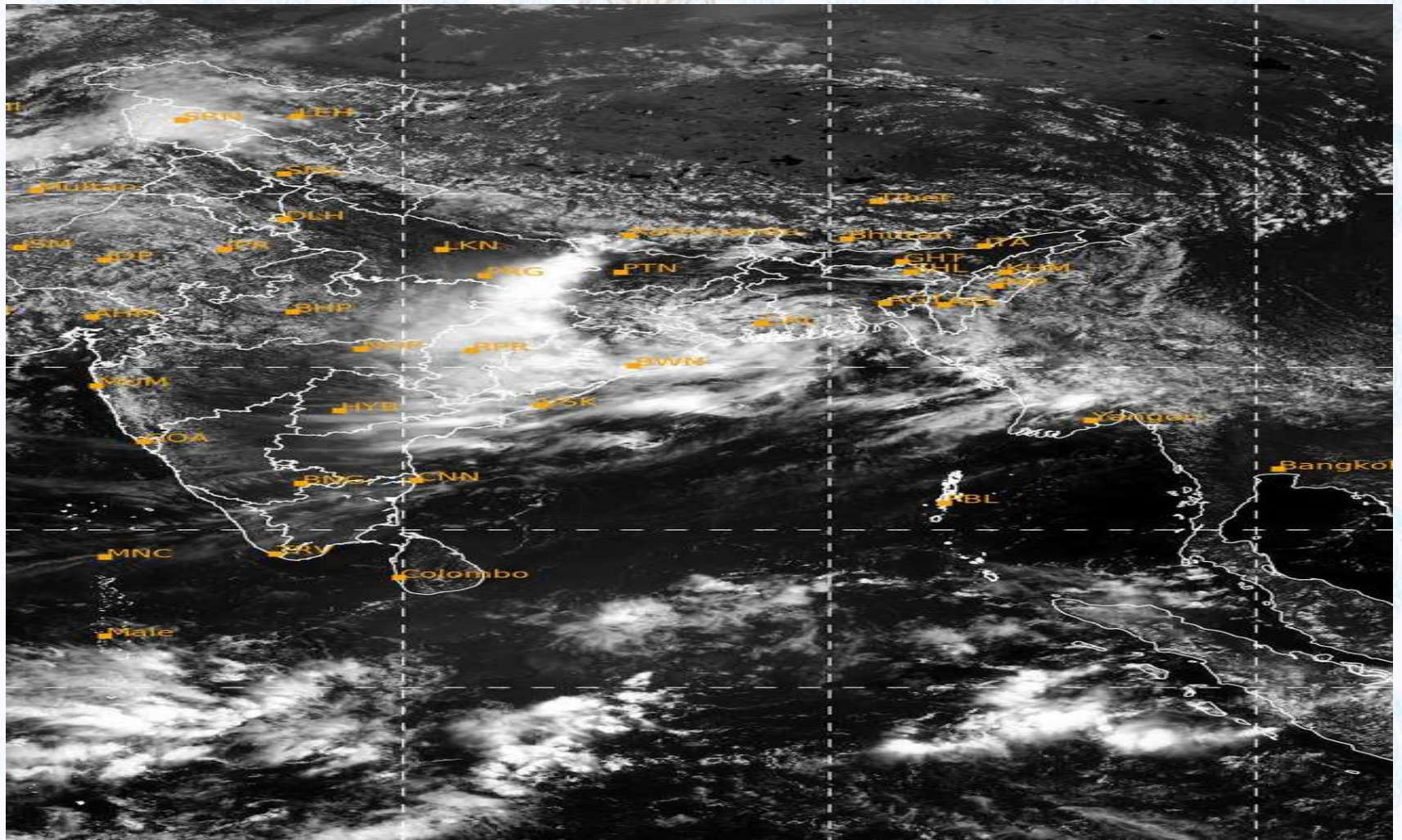


27/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



27/09/2020, 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 27.09.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK TO MODERATE OVER NORTH BAY.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY, 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 = 27,0000 UTC. CHATTOGRAM =1006 HPA



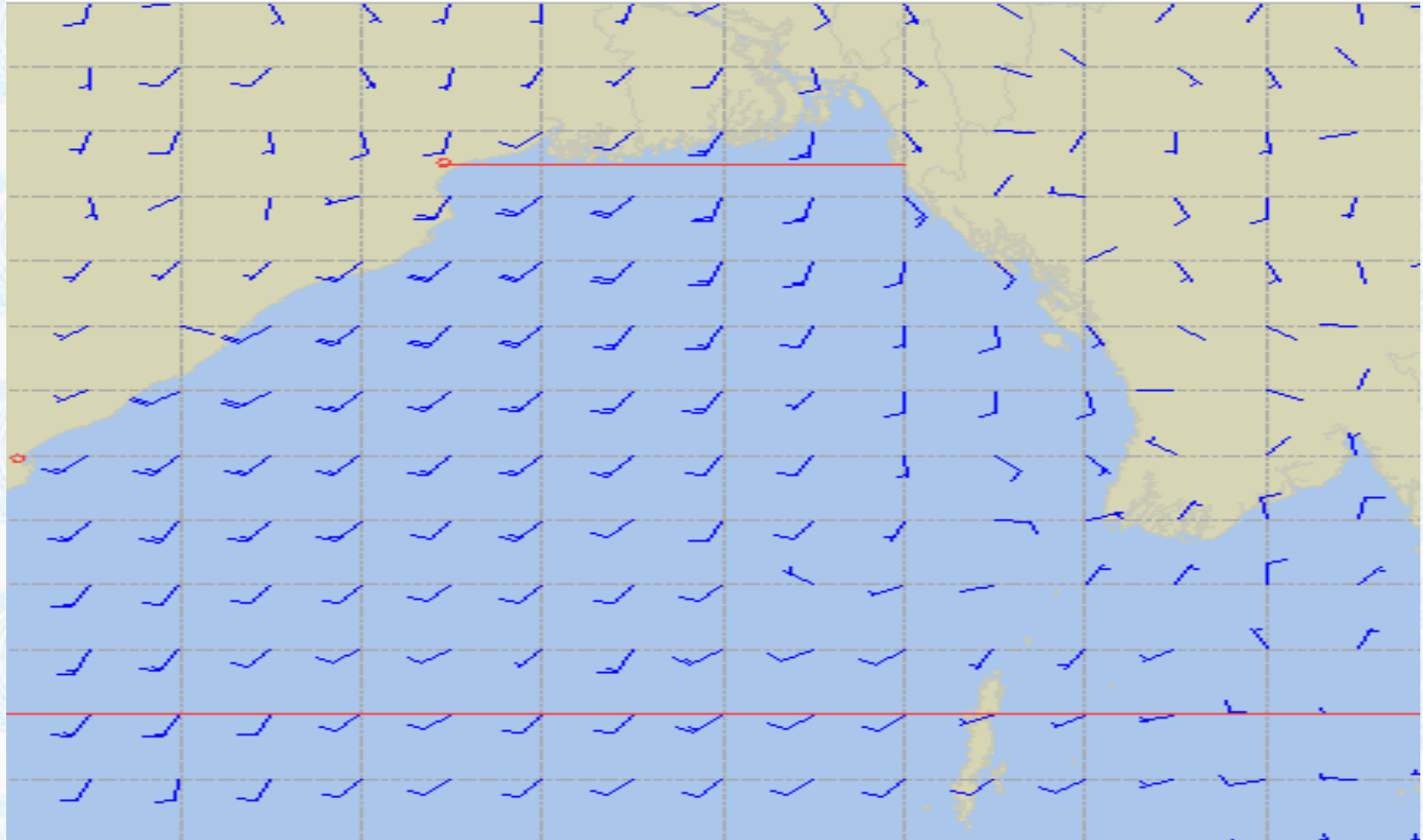
Inland River Port Warning **(VALID TILL 06 PM OF 27.09.2020)**

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, 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- 28 Sep- 2020



Legend:



Calm
Winds



5 Knots



10 Knots



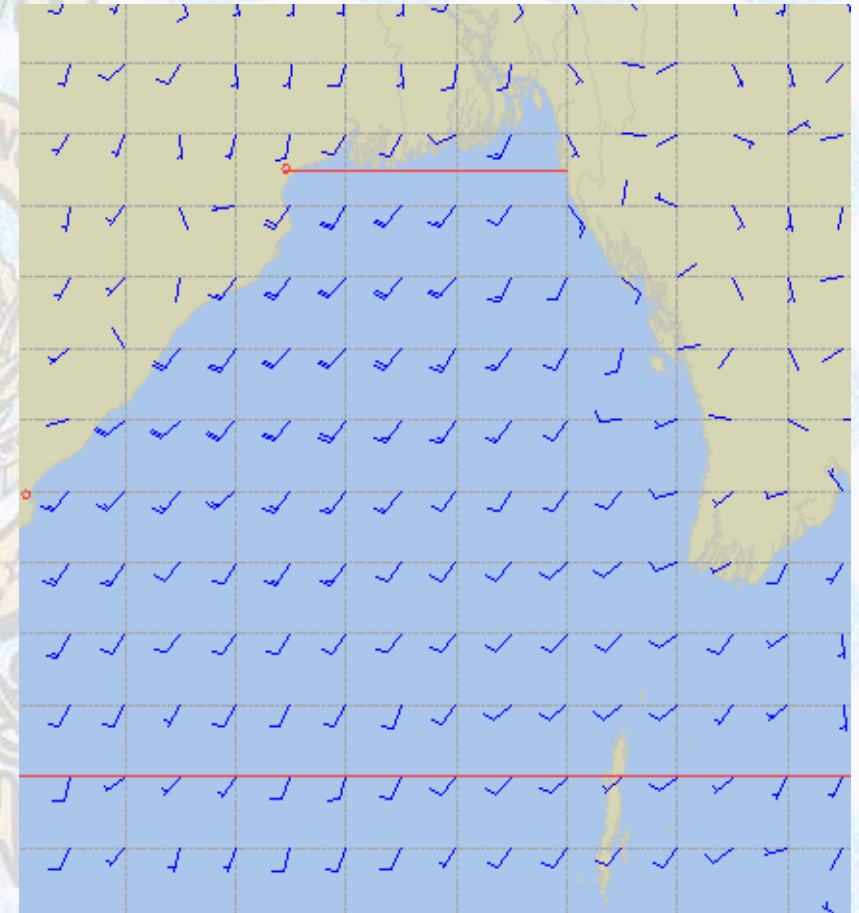
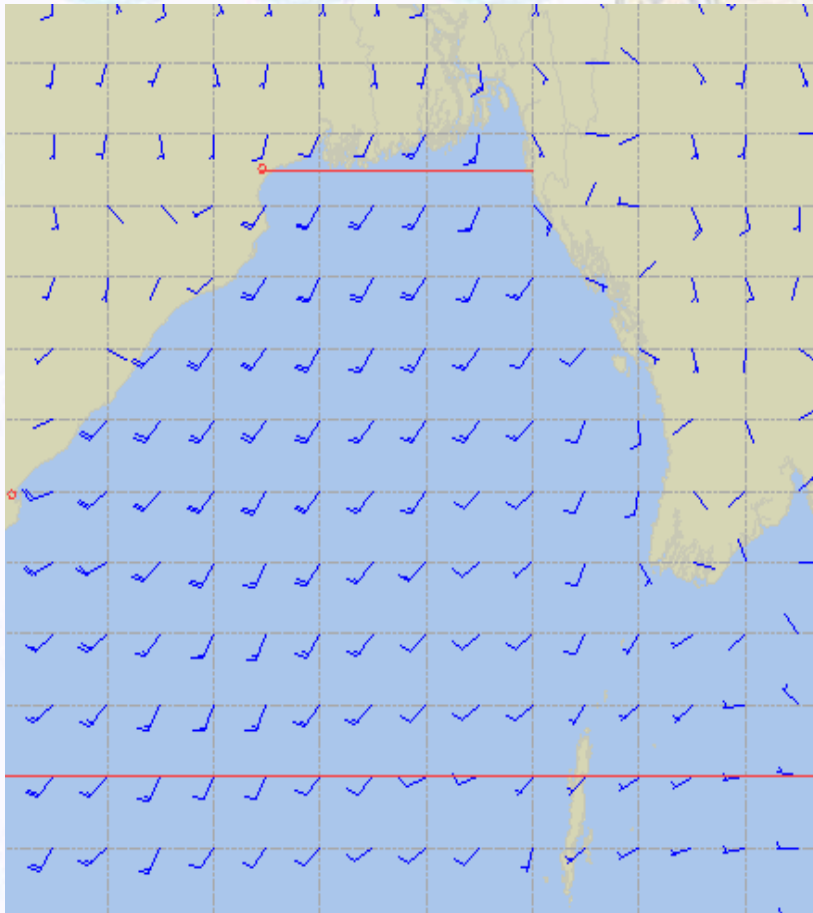
60 Knots



Surface Wind Forecast – 29 & 30 Sep - 2020

29 Sep 20 Tuesday

30 Sep 20 Wednesday



Legend:



**Calm
Winds**



5 Knots



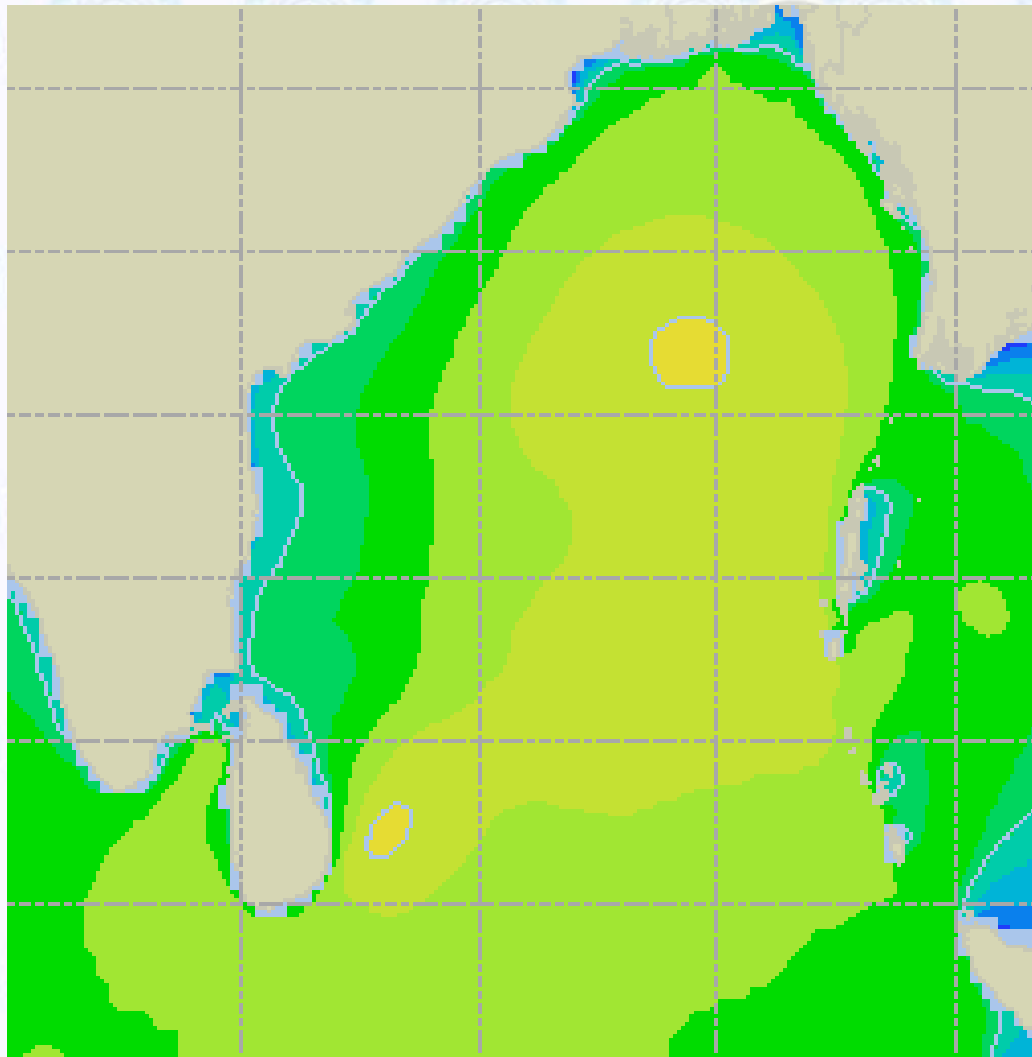
10 Knots



60 Knots



Sea State Forecast – 28 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

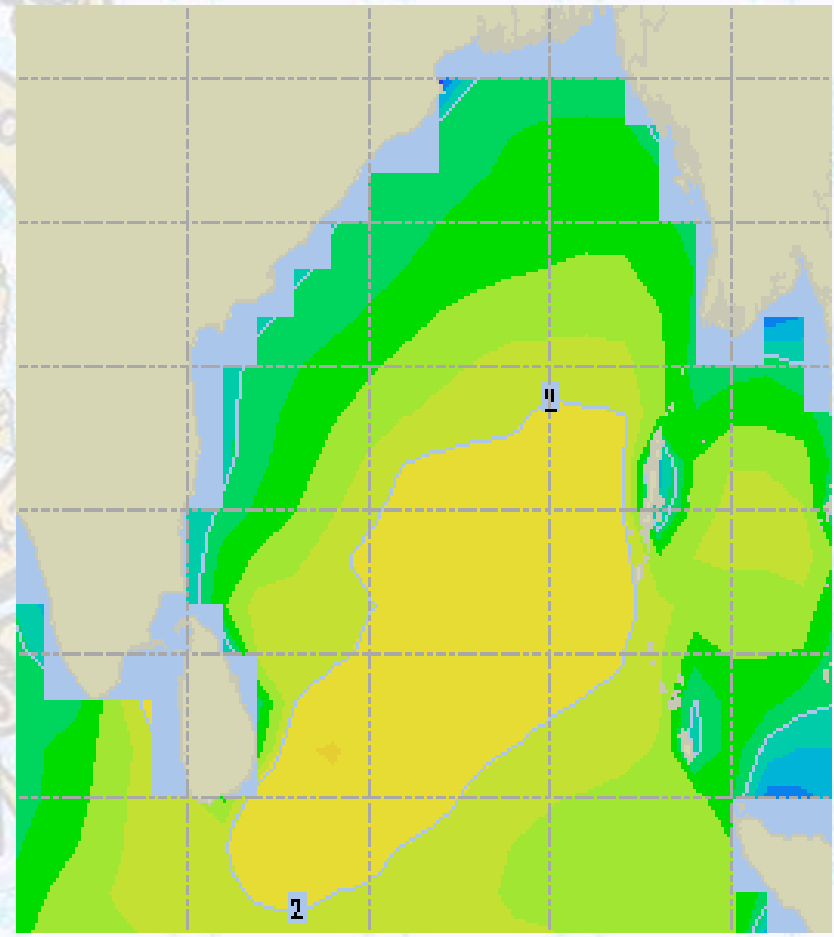
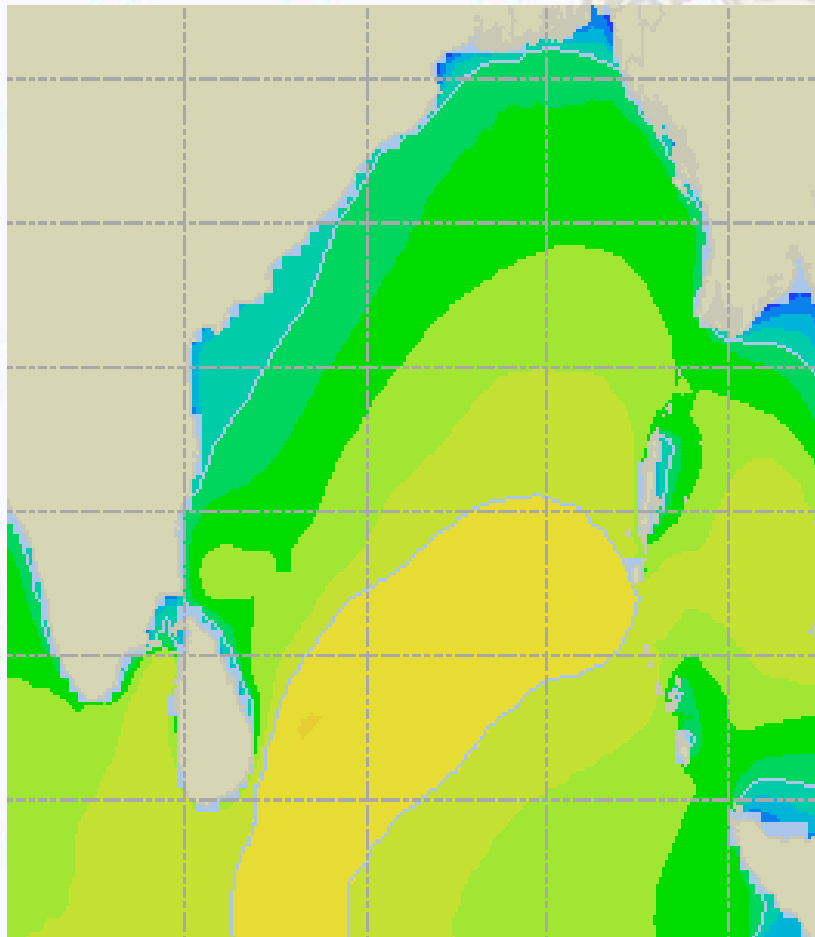




Sea State Forecast – 29 & 30 Sep - 2020

29 Sep 20 Tuesday

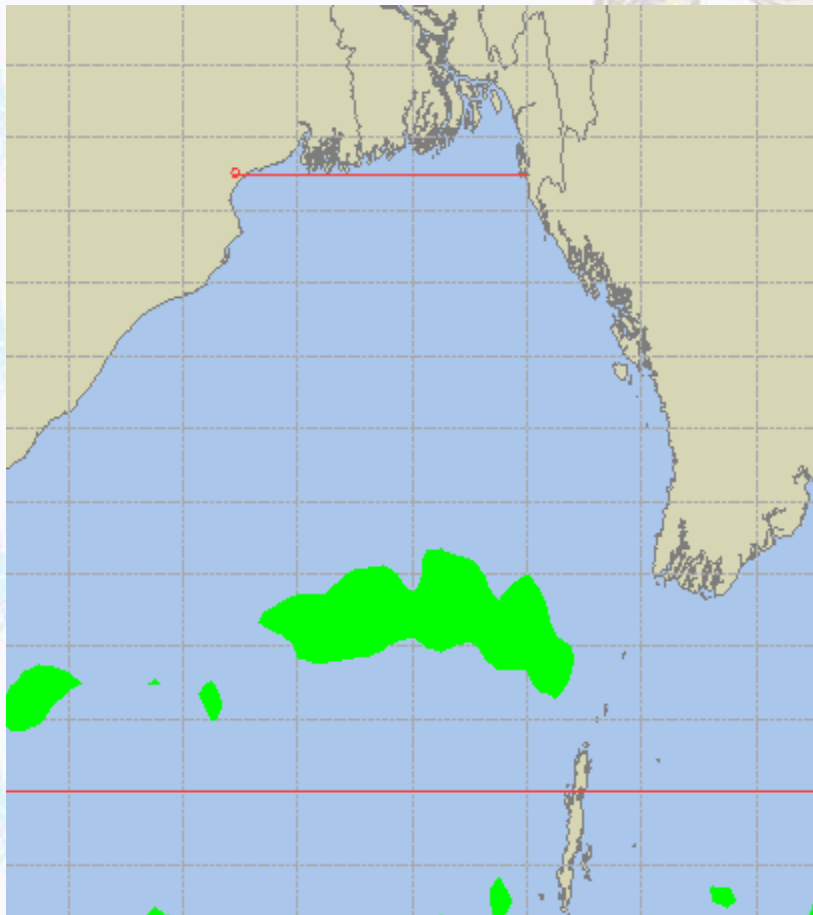
30 Sep 20 Wednesday



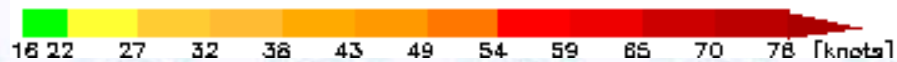
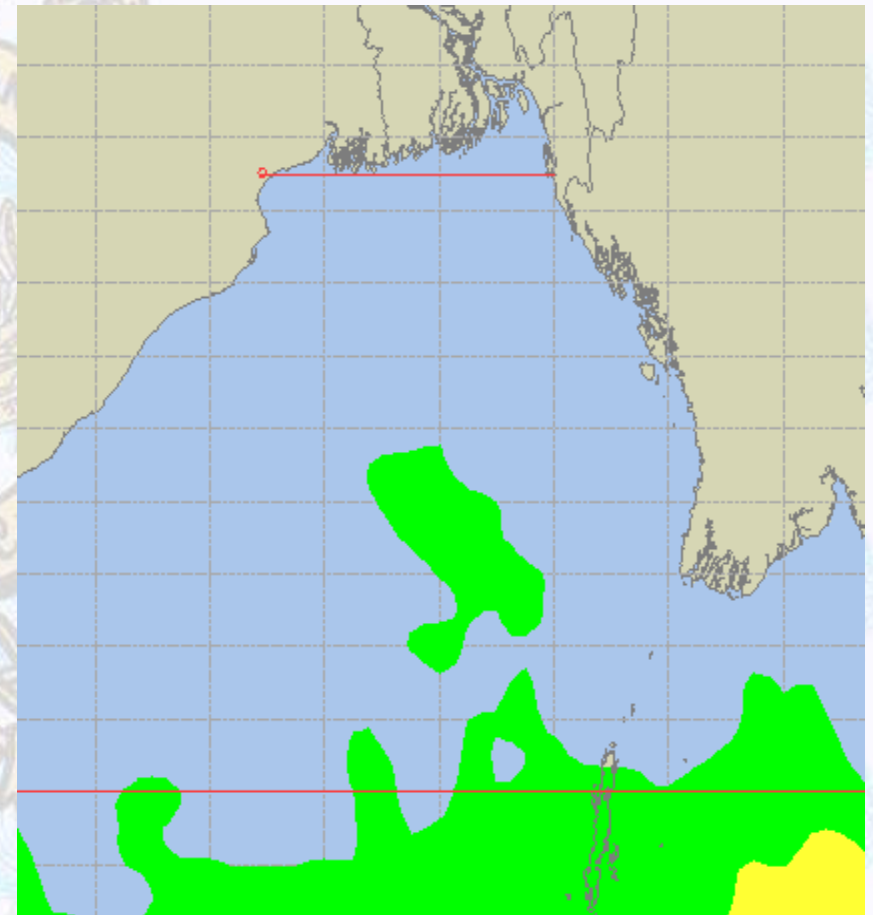


Peak Gusting Possibilities— 28 & 29 Sep 2020

28 Sep 20 Monday



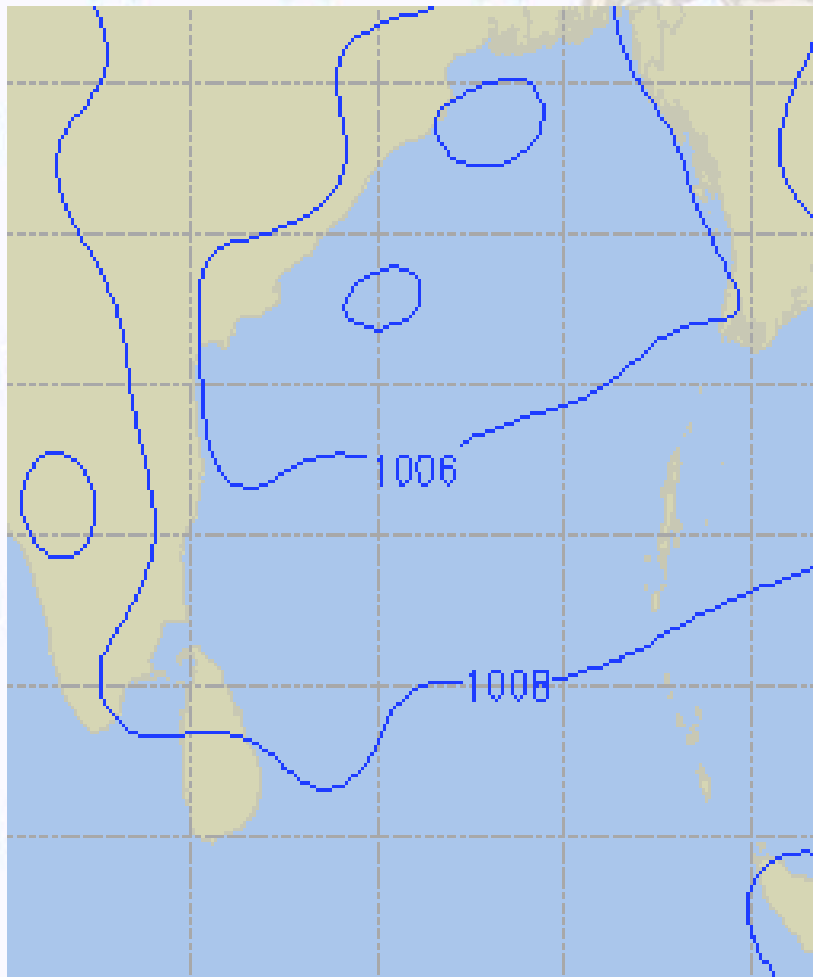
29 Sep 20 Tuesday



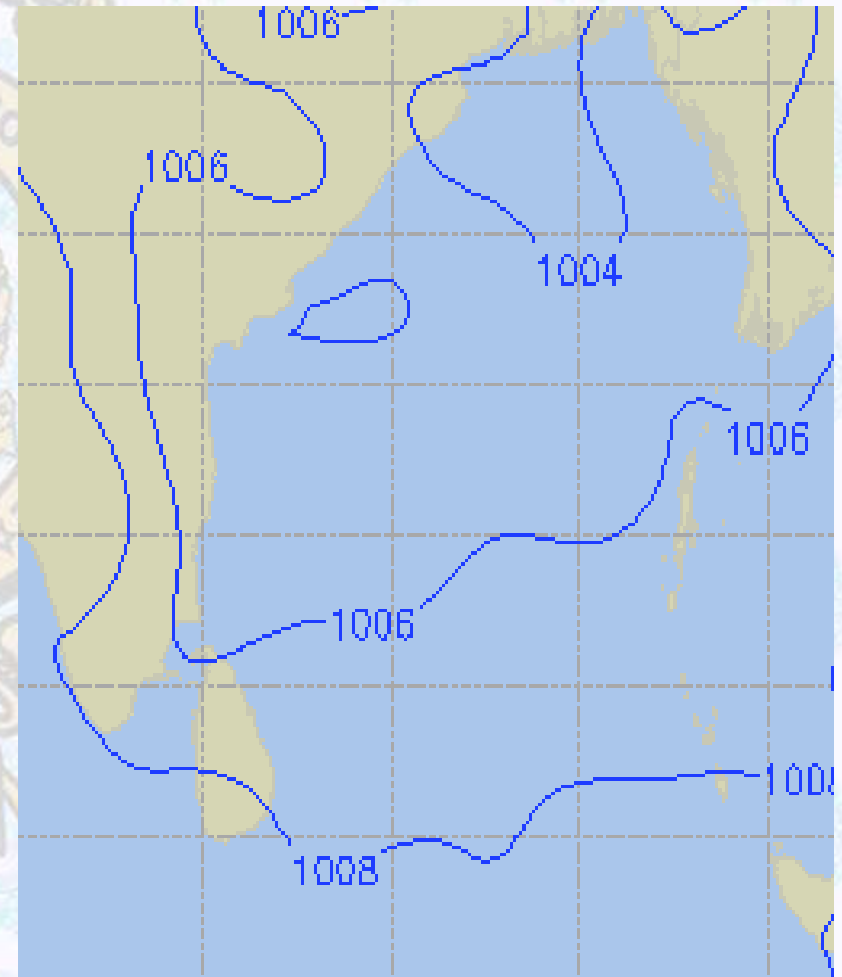


Surface Pressure forecast– 28 & 29 Sep 2020

28 Sep 20 Monday



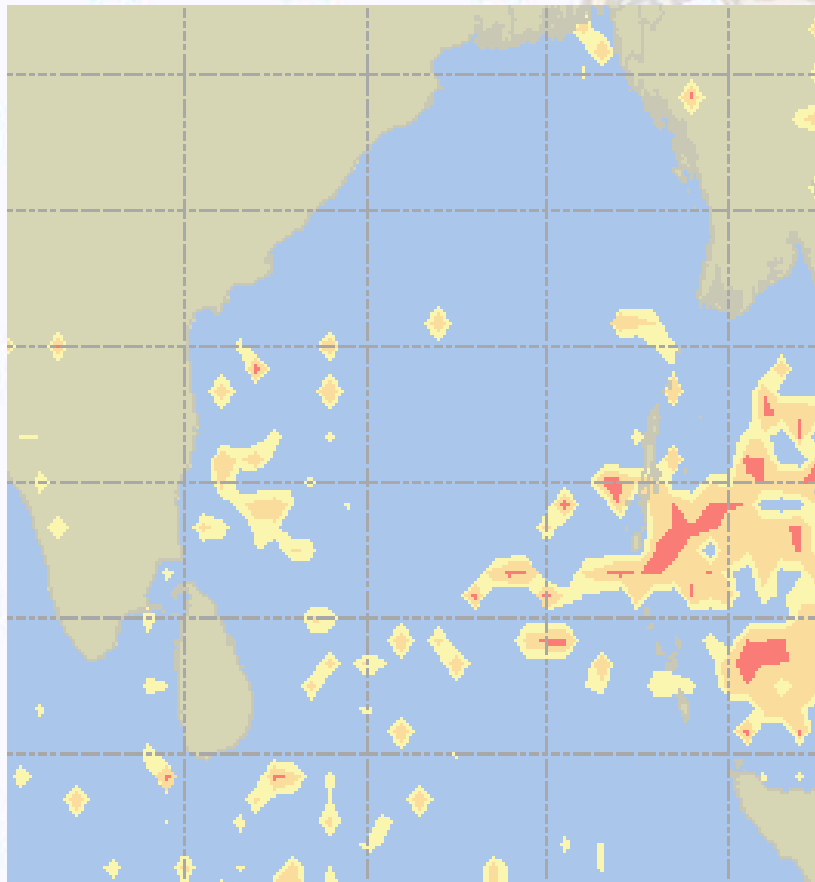
29 Sep 20 Tuesday



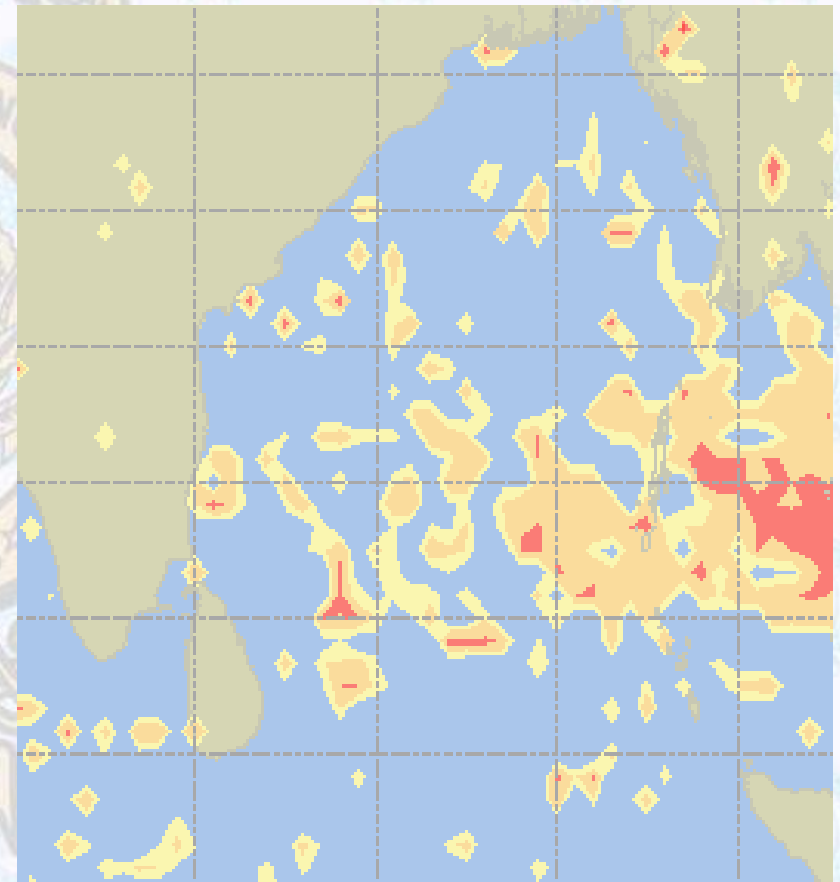


Visibility at Sea Forecast – 28 & 29 Sep 2020

28 Sep 20 Monday



29 Sep 20 Tuesday



Visibility Scale:

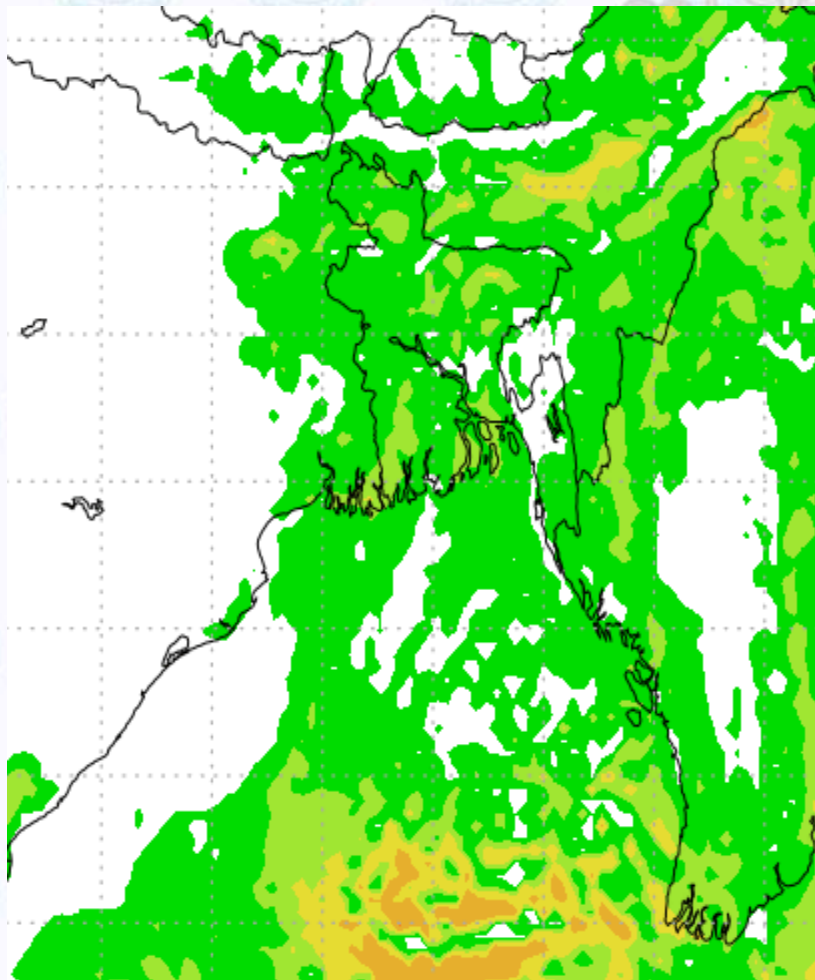


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

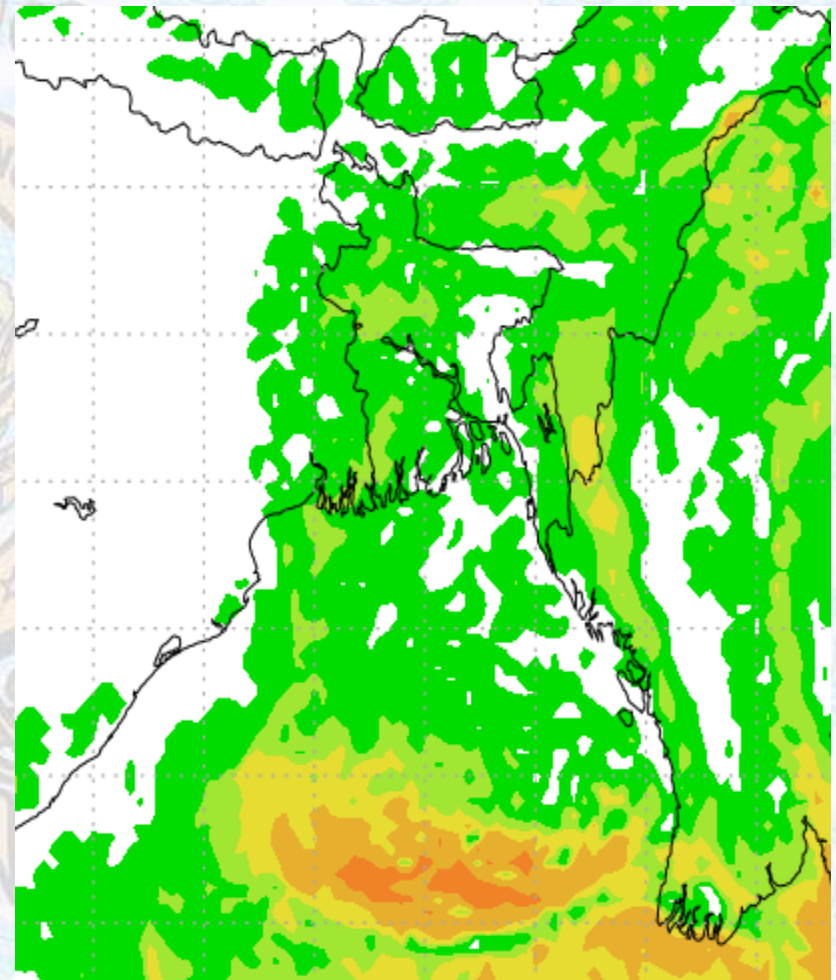


Precipitation

Rain(mm) 28 & 29 Sep 2020



Rain(mm) 29 & 30 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0503		1.20			0234	1.21
28 Sep 2020	1106	4.57		0827	3.02		0840	2.93
	1735	0.87		1506	1.10		1502	1.17
	2340	4.60		2057	3.00		2109	2.87
29 Sep 2020	Time	Height	Time	Height	Time	Height		
	0552	0.96	0328	1.07	0313	1.16		
	1150	4.76	0912	3.20	0920	3.05		
	1817	0.72	1551	0.99	1541	1.02		
	-	-	2136	3.21	2144	3.03		
30 Sep 2020	Time	Height	Time	Height	Time	Height		
	0016	4.82	0412	0.96	0352	1.02		
	0631	0.77	0951	3.36	0954	3.12		
	1224	4.90	1630	0.90	1613	0.91		
	1851	0.63	2210	3.38	2214	3.14		