



WEATHER FORECAST FOR BN

28 SEP- 01 OCT 2020





WEATHER FORECAST – DHAKA

28.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 25	32 / 25	29 / 25	29 / 26
Wind	8 km/h SSE	7 km/h SSE	5 km/h SSE	5 km/h SSE
Humidity	68%	68%	78%	84%
Chance of Precip	16%	11%	18%	4%
Cloud Cover	63%	59%	56%	72%
Conditions	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sunrise Sunset	5: 50 AM 17: 50 PM			

Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

28.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 27	29 / 27	28 / 27
Wind	9 km/h SW	8 km/h SW	4 km/h SSW	4 km/h SE
Humidity	78%	83%	90%	91%
Chance of Precip.	11%	7%	30%	40%
Cloud Cover	50%	71%	85%	83%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 44 AM 17: 44 PM			

Conditions

Pressure : 1006 hpa

Visibility : 11.27 Km

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



WEATHER FORECAST – KHULNA

28.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 27	32 / 27	29 / 27	28 / 27
Wind	4 km/h E	5 km/h E	5 km/h SSE	3 km/h S
Humidity	69%	75%	89%	94%
Chance of Precip.	34%	24%	7%	12%
Cloud Cover	68%	72%	64%	71%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 53 AM 17: 53 PM			

Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	29 Sep 2020	30 Sep 2020	01 Oct 2020
Temperature (C)	33°C/ 27°C	32°C/ 27°C	31°C/ 27°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h49m12s/17h47m18s	5h49m42s/17h46m18s	5h50m06s/17h45m18s
Day Length	11h58m06s	11h56m36s	11h55m12s
Moon Rise/ Set	4:39 PM 3:36 AM	5:13 PM 4:18 AM	5:46 PM 5:09 AM
Moon Phase/ illu	Waxing Gibbous, 93%	Waxing Gibbous, 97%	Full Moon, 99%
NauticalTwilight	05:00, 18:36	05:01, 18:35	05:01, 18:34
Civil Twilight	05:26, 18:10	05:27, 18:09	05:27, 18:08
Humidity	D : 74% N : 85%	D : 76% N : 85%	D : 76% N : 84%
Barometer (mb)	1005	1003	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	20%	40%	30%
Wind (mph)	6 Km/h SSE	5 Km/h SE	7 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	29 Sep 2020	30 Sep 2020	01 Oct 2020
Temperature (C)	31°C/ 26°C	31°C/ 26°C	31°C/ 25°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h43m12s/17h42m00s	5h43m36s/17h41m00s	5h43m54s/17h40m00s
Day Length	11h58m48s	11h57m24s	11h56m06s
Moon Rise/ Set	4:32 PM 3:22 AM	5:06 PM 4:13 AM	5:39 PM 5:04 AM
Moon Phase/ illu	Waxing Gibbous, 93%	Waxing Gibbous, 97%	Full Moon, 99%
NauticalTwilight	04:55, 18:30	04:55, 18:29	04:55, 18:28
Civil Twilight	05:21, 18:04	05:21, 18:03	05:21, 18:02
Humidity	D : 83% N : 92%	D : 83% N : 92%	D : 81% N : 92%
Barometer (mb)	1006	1004	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	70%	70%
Wind (mph)	5 Km/h NNW	6 Km/h WNW	10 Km/h S

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



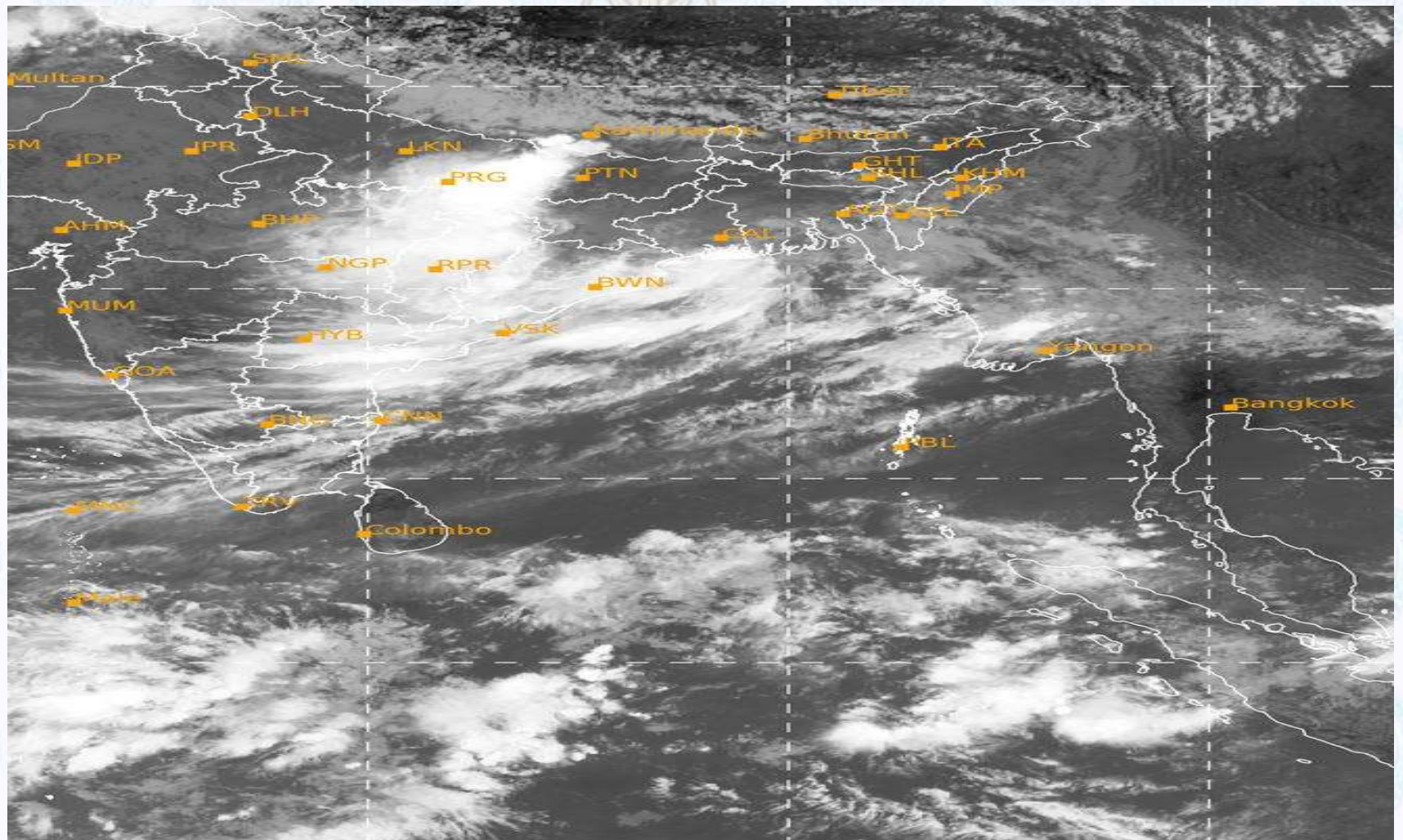
GENERAL WEATHER FORECAST – KHULNA

Description	29 Sep 2020	30 Sep 2020	01 Oct 2020
Temperature(C)	33°C/ 27°C	33°C/ 27°C	31°C/ 26°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h52m24s/17h51m00s	5h52m54s/17h50m00s	5h53m54s/17h49m00s
Day Length	11h58m36s	11h57m06s	11h55m48s
Moon Rise/Set	4:42 PM 3:30 PM	5:16 PM 4:22 PM	5:49 PM 5:13 PM
Moon Phase/illu	Waxing Gibbous, 93%	Waxing Gibbous, 97%	Full Moon, 99%
Nautical Twilight	05:04, 18:39	05:04, 18:38	05:04, 18:37
Civil Twilight	05:30, 18:13	05:30, 18:12	05:30, 18:11
Humidity	D : 79% N : 89%	D : 79% N : 88%	D : 81% N : 88%
Barometer (mb)	1005	1003	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	60%	70%	80%
Wind (mph)	5 km/h E	5 km/h E	9 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

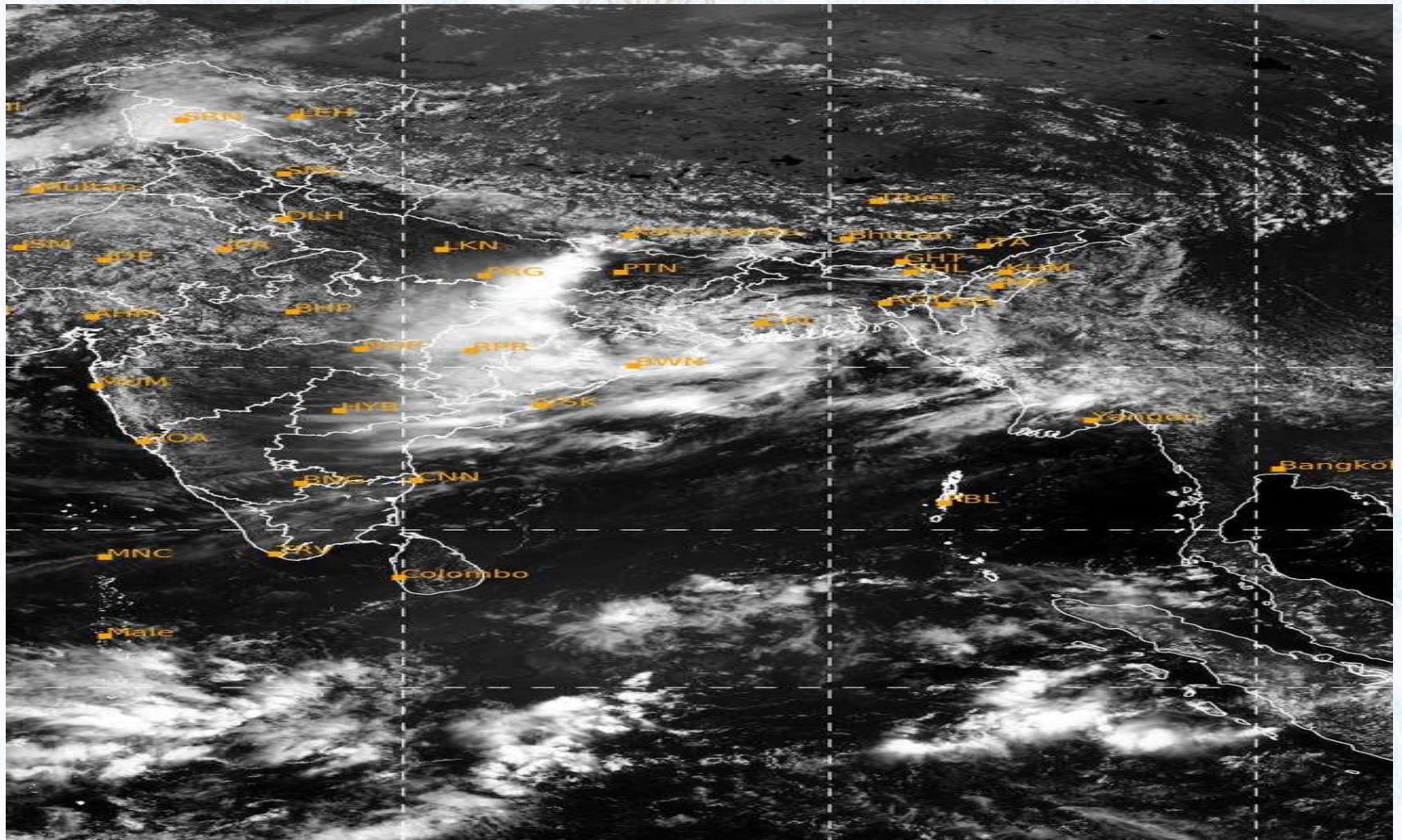


28/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



28/09/2020, 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 28.09.2020)

Part One	WARNING BAY OF BENGAL.	
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	SOUTH /SOUTH-WESTERLY 08-12KTS, 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 = 28,0000 UTC. CHATTOGRAM =1006 HPA



Inland River Port Warning (VALID TILL 06 PM OF 28.09.2020)

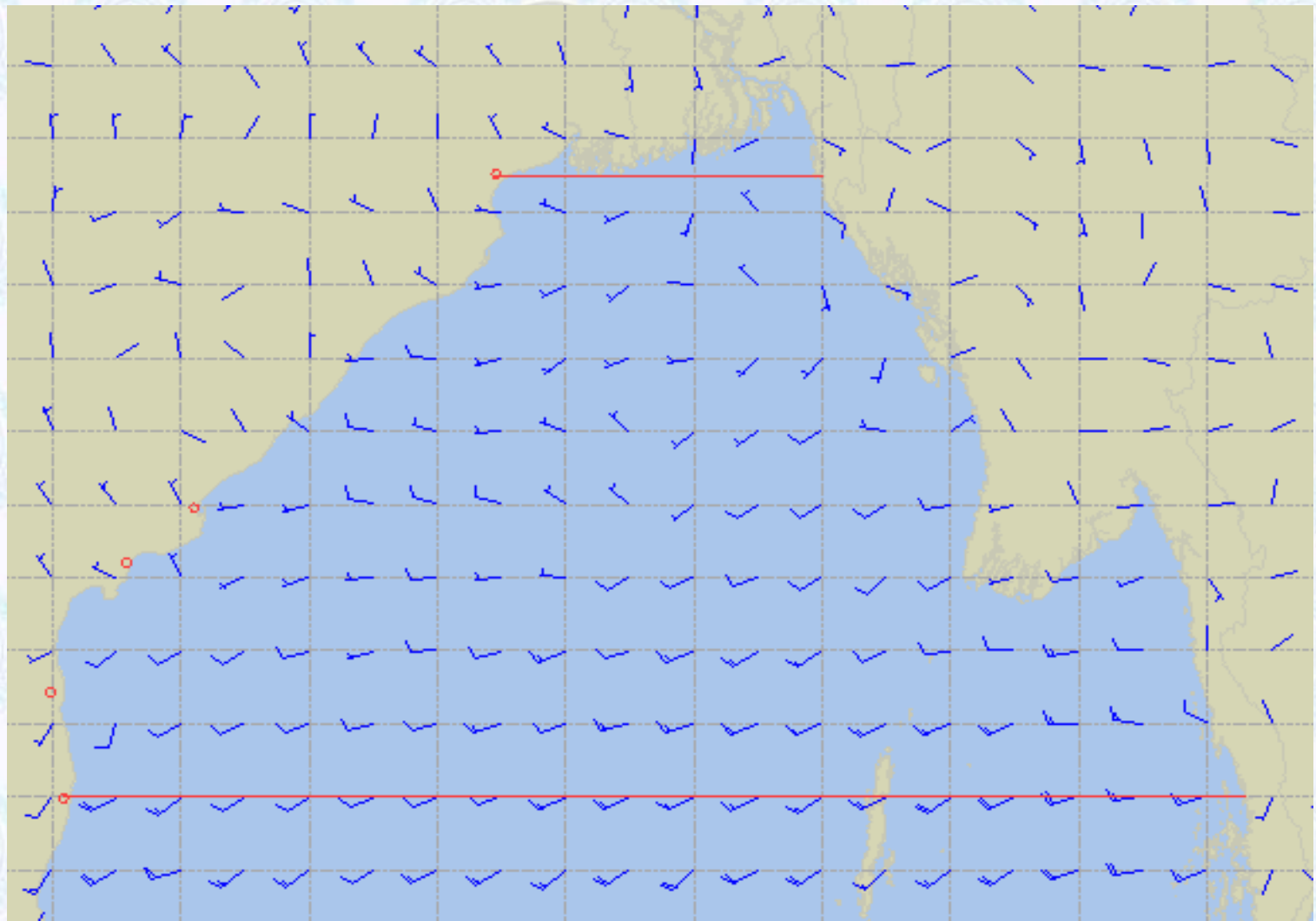
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 29 Sep- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



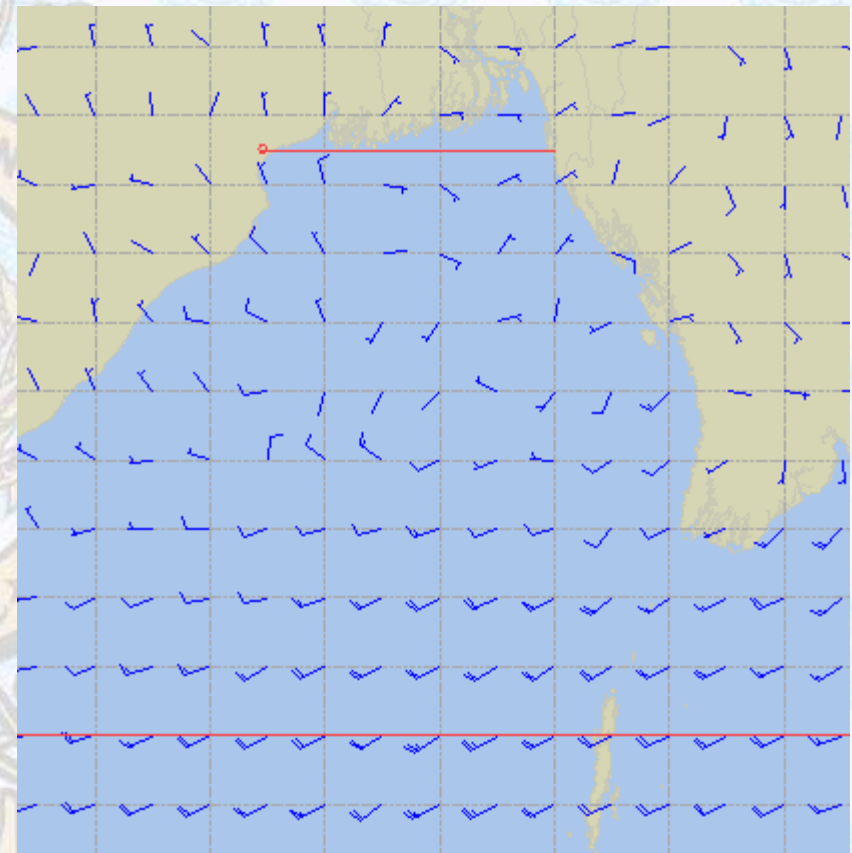
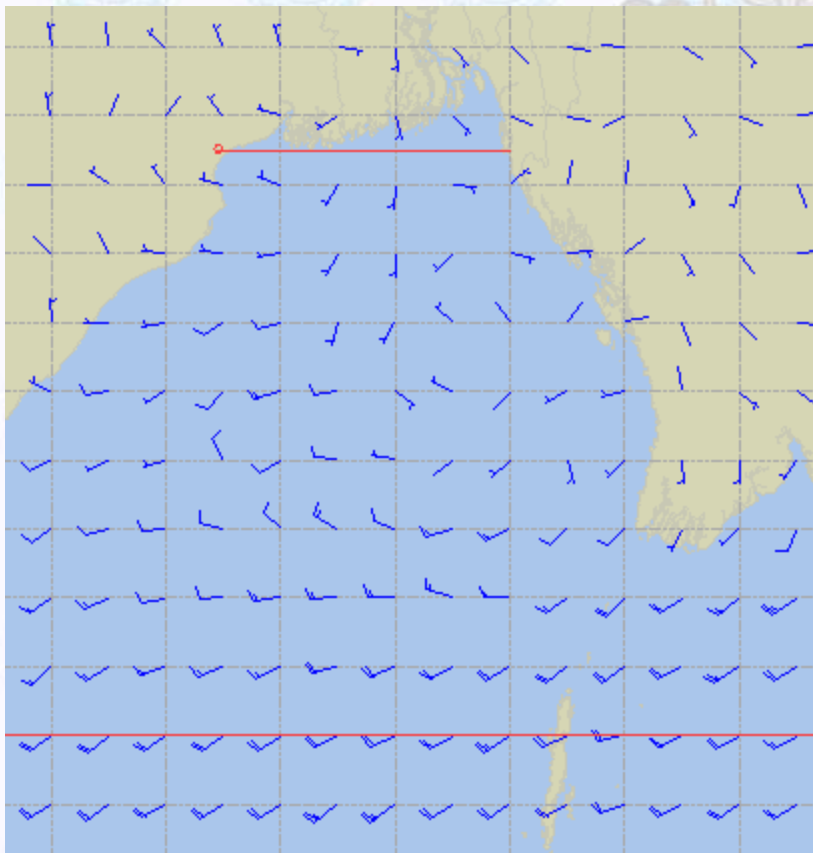
60 Knots



Surface Wind Forecast – 30 Sep & 01 Oct- 2020

30 Sep 20 Wednesday

01 Oct 20 Thursday



Legend:



Calm
Winds



5 Knots



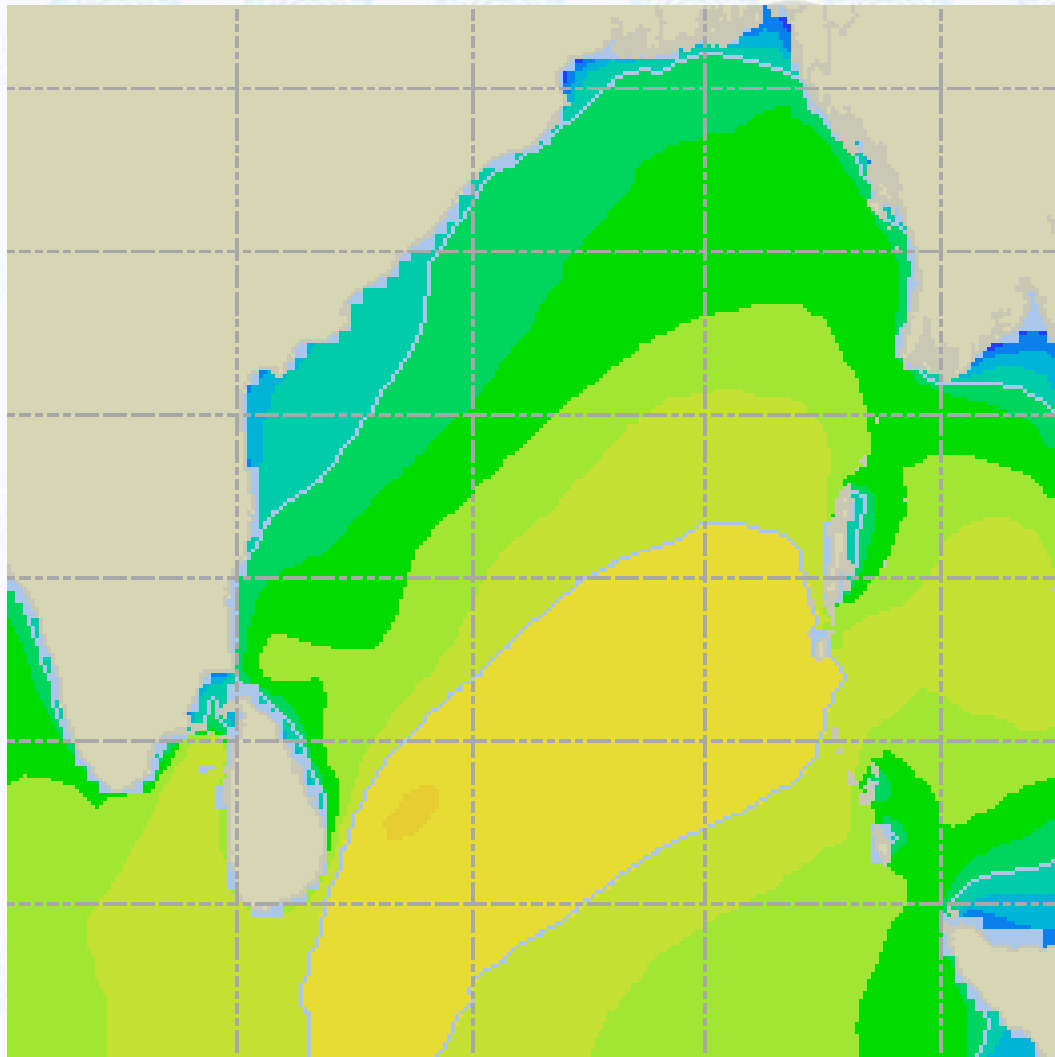
10 Knots



60 Knots



Sea State Forecast – 29 Sep- 2020



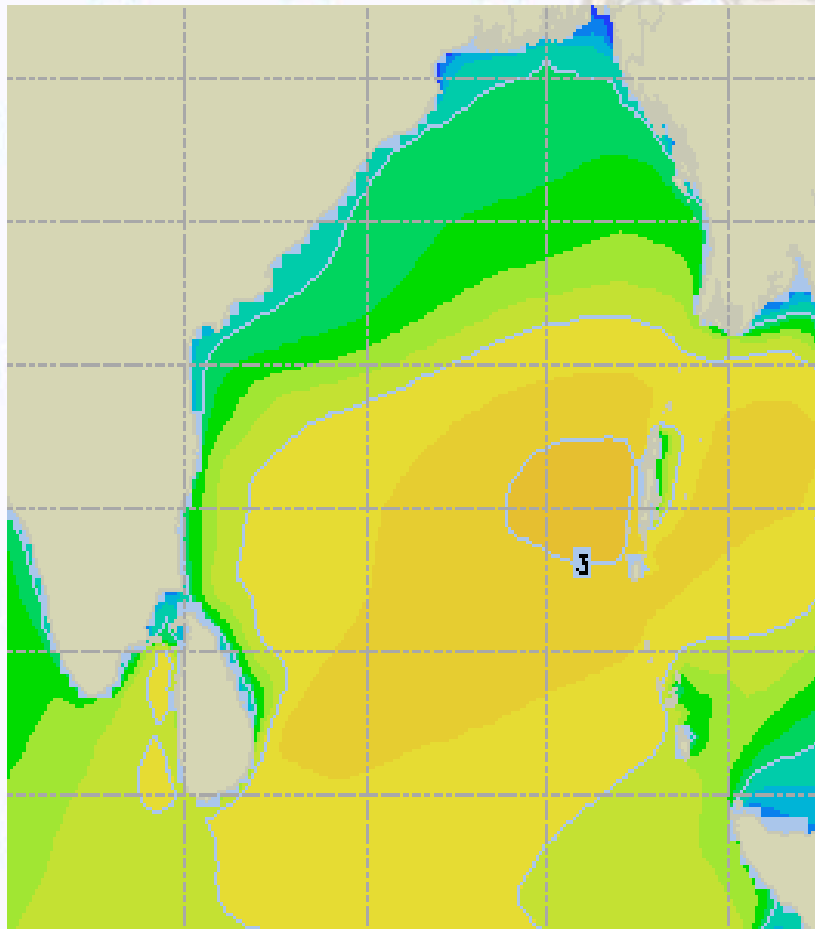
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



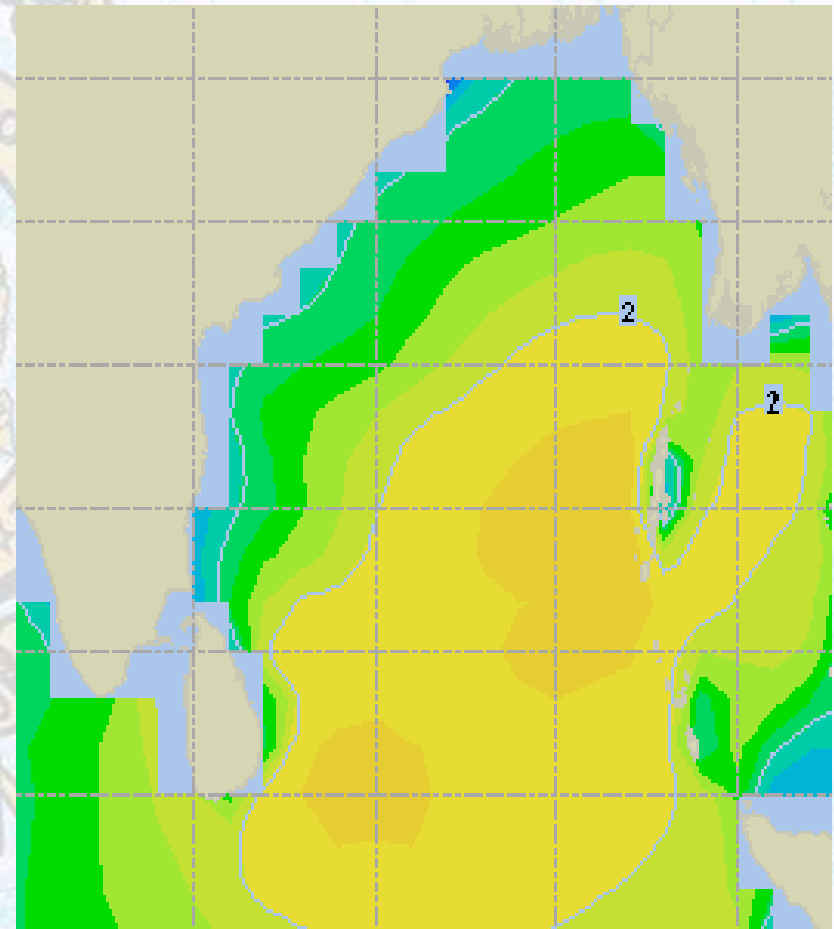


Sea State Forecast – 30 Sep & 01 Oct- 2020

30 Sep 20 Wednesday



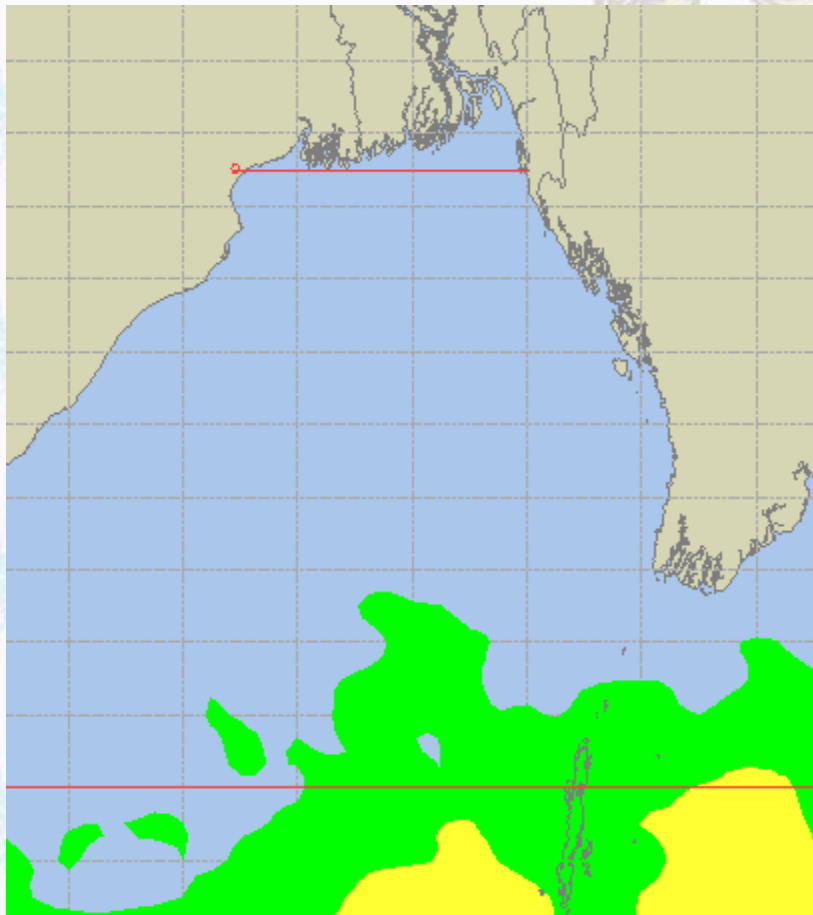
01 Oct 20 Thursday



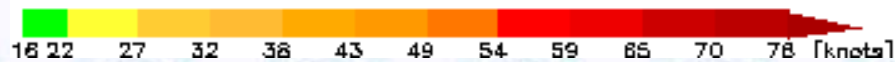
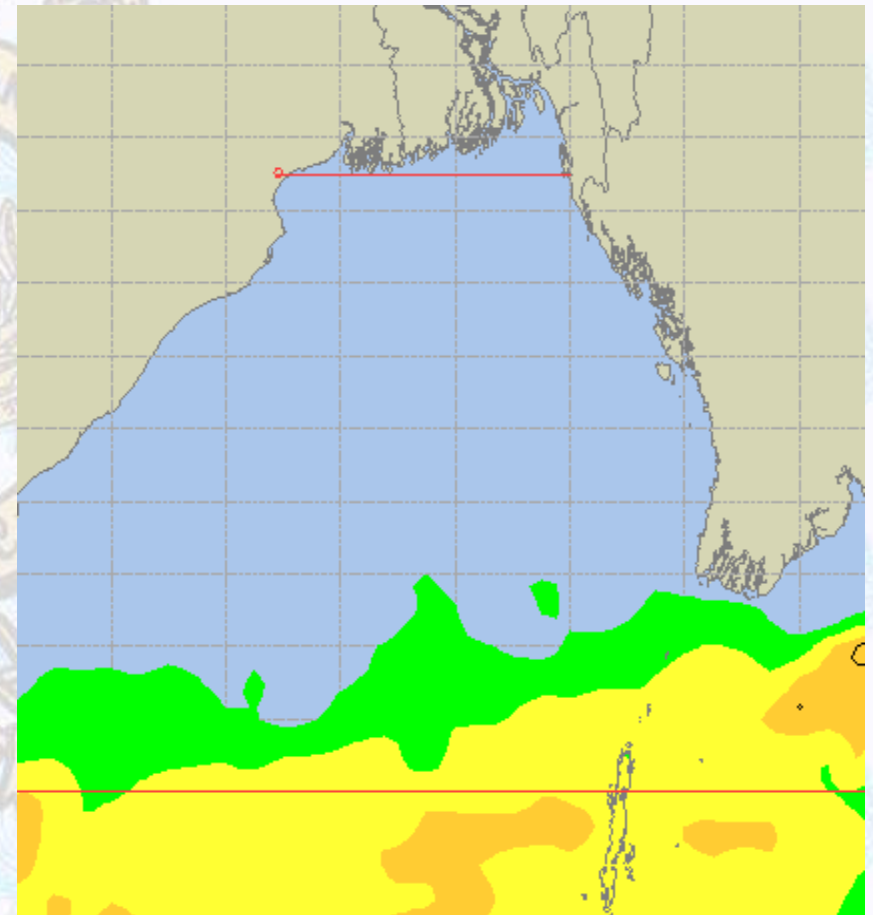


Peak Gusting Possibilities— 29 & 30 Sep 2020

29 Sep 20 Tuesday



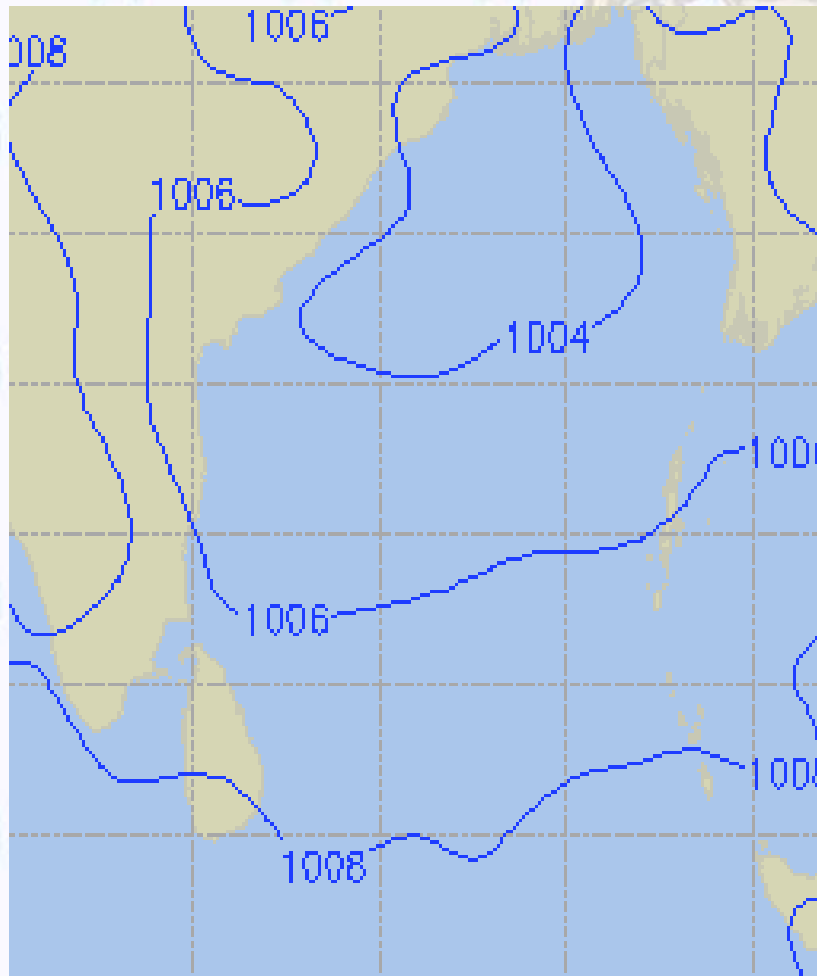
30 Sep 20 Wednesday



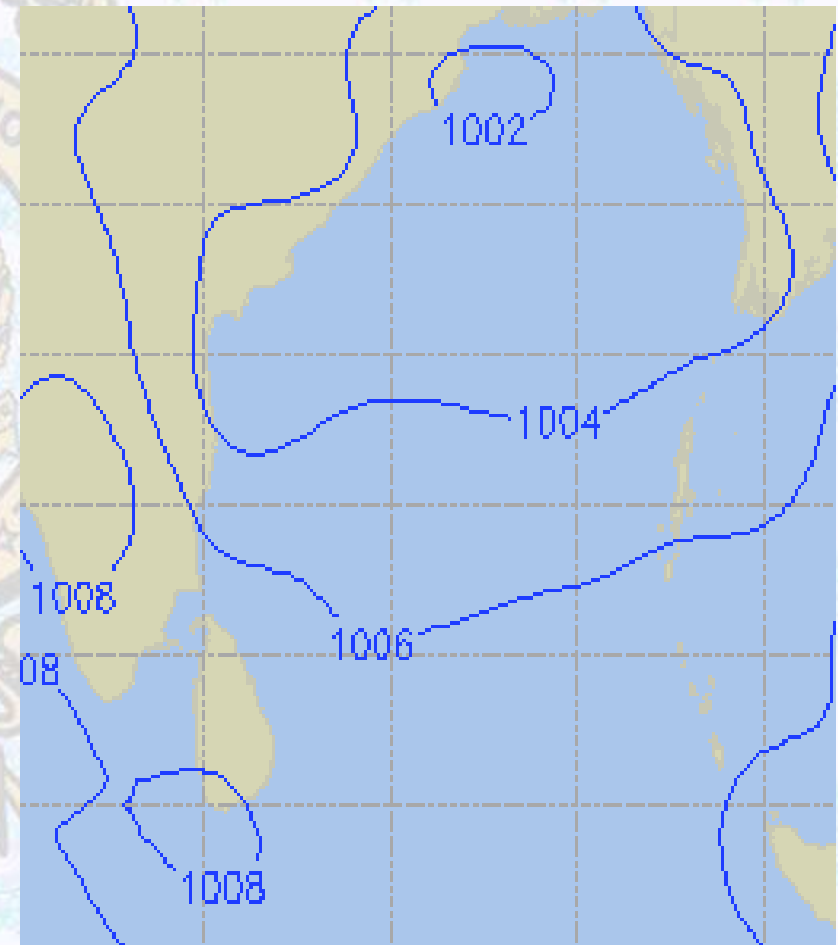


Surface Pressure forecast– 28 & 29 Sep 2020

29 Sep 20 Tuesday



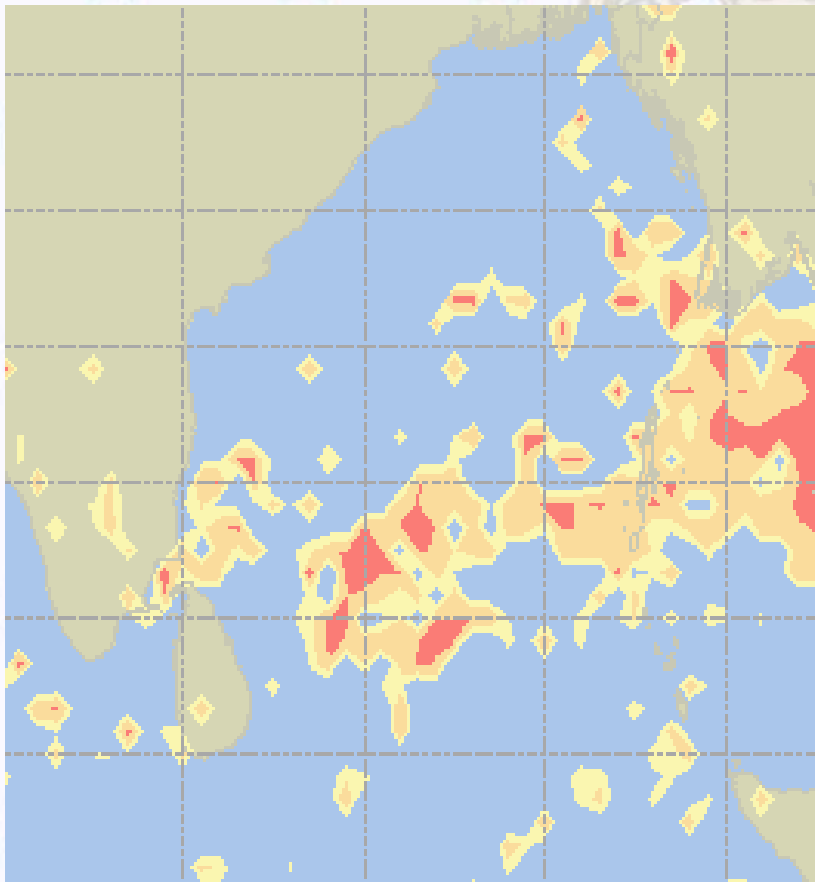
30 Sep 20 Wednesday



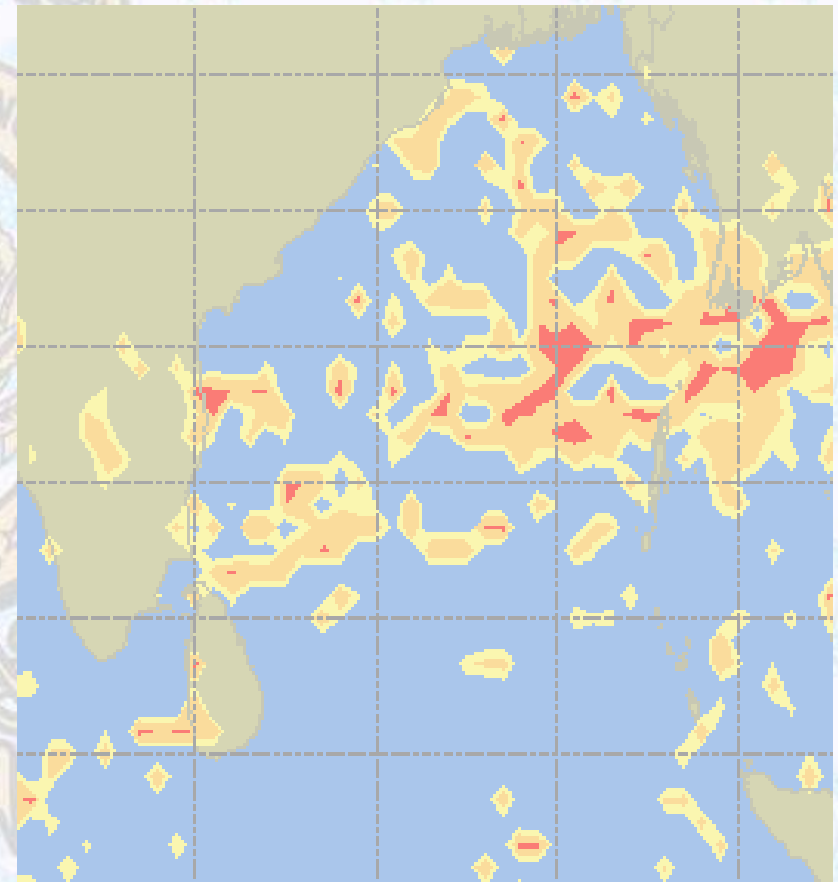


Visibility at Sea Forecast – 29 & 30 Sep 2020

29 Sep 20 Tuesday



30 Sep 20 Wednesday



Visibility Scale:

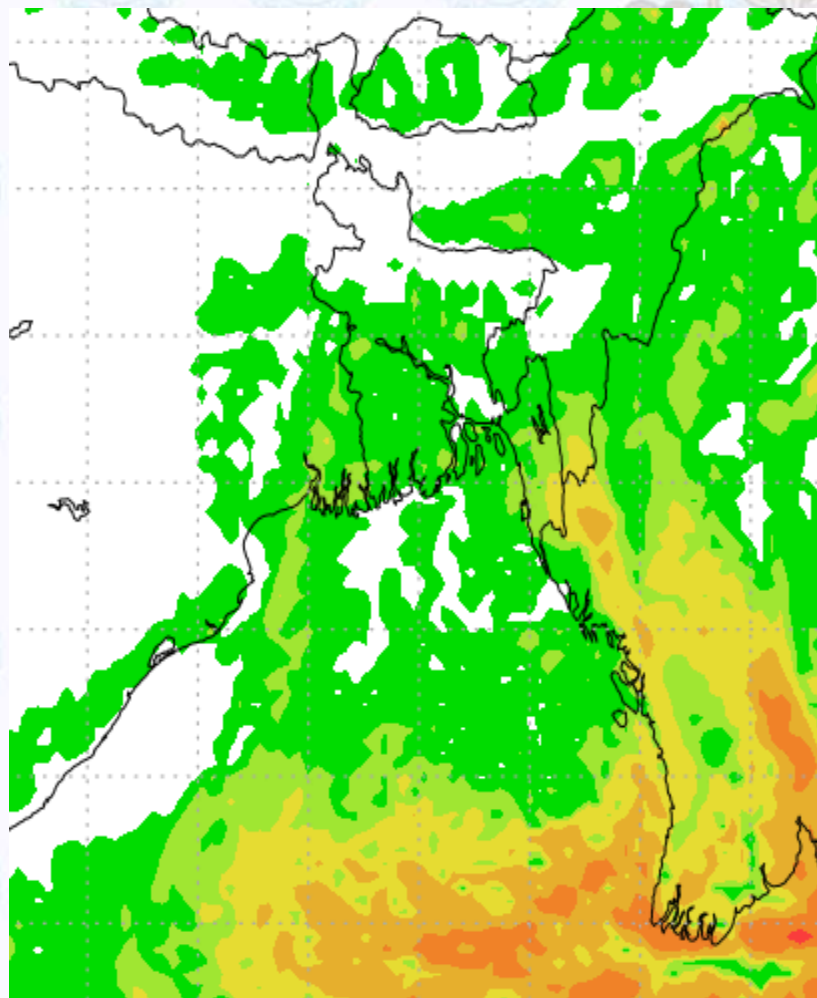


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

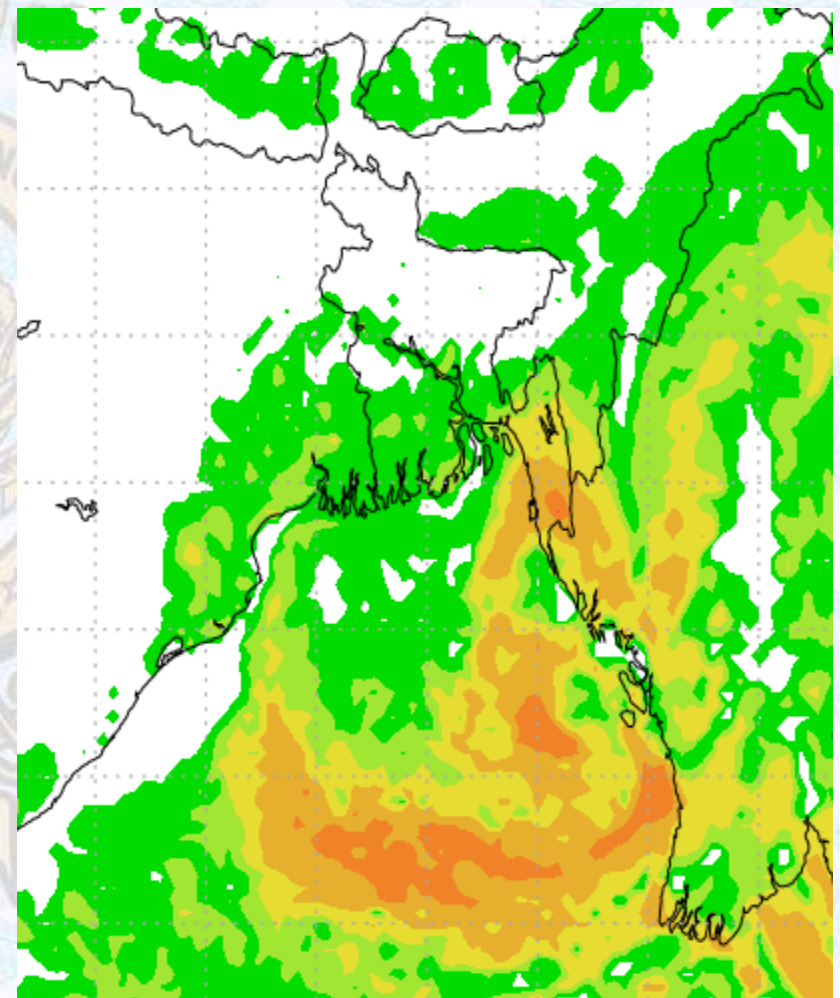


Precipitation

Rain(mm) 29 & 30 Sep 2020



Rain(mm)30 Sep & 01 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
29 Sep 2020	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
01 Oct 2020	Time	Height		Time	Height		Time	Height
	0046	4.98		0449	0.88		0425	0.93
	0705	0.64		1025	3.46		1023	3.15
	1253	5.00		1704	0.83		1641	0.84
	1921	0.58		2243	3.49		2241	3.21