



WEATHER FORECAST FOR BN

29 SEP- 02 OCT 2020



WEATHER FORECAST – DHAKA

29.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 25	32 / 25	30 / 25	29 / 25
Wind	7 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: 49 PM			

Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

29.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 27	28 / 27	28 / 26
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: 43 PM			

Conditions

Pressure : 1006 hpa

Visibility : 11.27 Km

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



WEATHER FORECAST – KHULNA

29.09.2020

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: 52 PM			

Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	30 Sep 2020	01 Oct 2020	02 Oct 2020
Temperature (C)	32 °C/ 27 °C	31 °C/ 27 °C	31 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h49m42s/17h46m18s	5h50m06s/17h45m18s	5h50m36s/17h44m18s
Day Length	11h56m36s	11h55m12s	11h53m42s
Moon Rise/ Set	5:13 PM 4:18 AM	5:46 PM 5:09 AM	6:16 PM 5:59 AM
Moon Phase/ illu	Waxing Gibbous, 97%	Full Moon, 99%	Full Moon, 99%
NauticalTwilight	05:01, 18:35	05:01, 18:34	05:02, 18:34
Civil Twilight	05:27, 18:09	05:27, 18:08	05:28, 18:08
Humidity	D : 76% N : 85%	D : 76% N : 84%	D : 75% N : 84%
Barometer (mb)	1003	1003	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	40%	30%	30%
Wind (mph)	5 Km/h SE	7 Km/h SSE	7 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	30 Sep 2020	01 Oct 2020	02 Oct 2020
Temperature (C)	31 °C/ 26 °C	31 °C/ 25 °C	31 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h43m36s/17h41m00s	5h43m54s/17h40m00s	5h44m18s/17h39m00s
Day Length	11h57m24s	11h56m06s	11h54m42s
Moon Rise/ Set	5:06 PM 4:13 AM	5:39 PM 5:04 AM	6:11 PM 6:53 AM
Moon Phase/ illu	Waxing Gibbous, 97%	Full Moon, 99%	Full Moon, 99%
NauticalTwilight	04:55, 18:29	04:55, 18:28	04:56, 18:28
Civil Twilight	05:21, 18:03	05:21, 18:02	05:20, 18:02
Humidity	D : 83% N : 92%	D : 81% N : 92%	D : 80% N : 92%
Barometer (mb)	1004	1004	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	70%	70%	80%
Wind (mph)	6 Km/h WNW	10 Km/h S	10 Km/h S

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



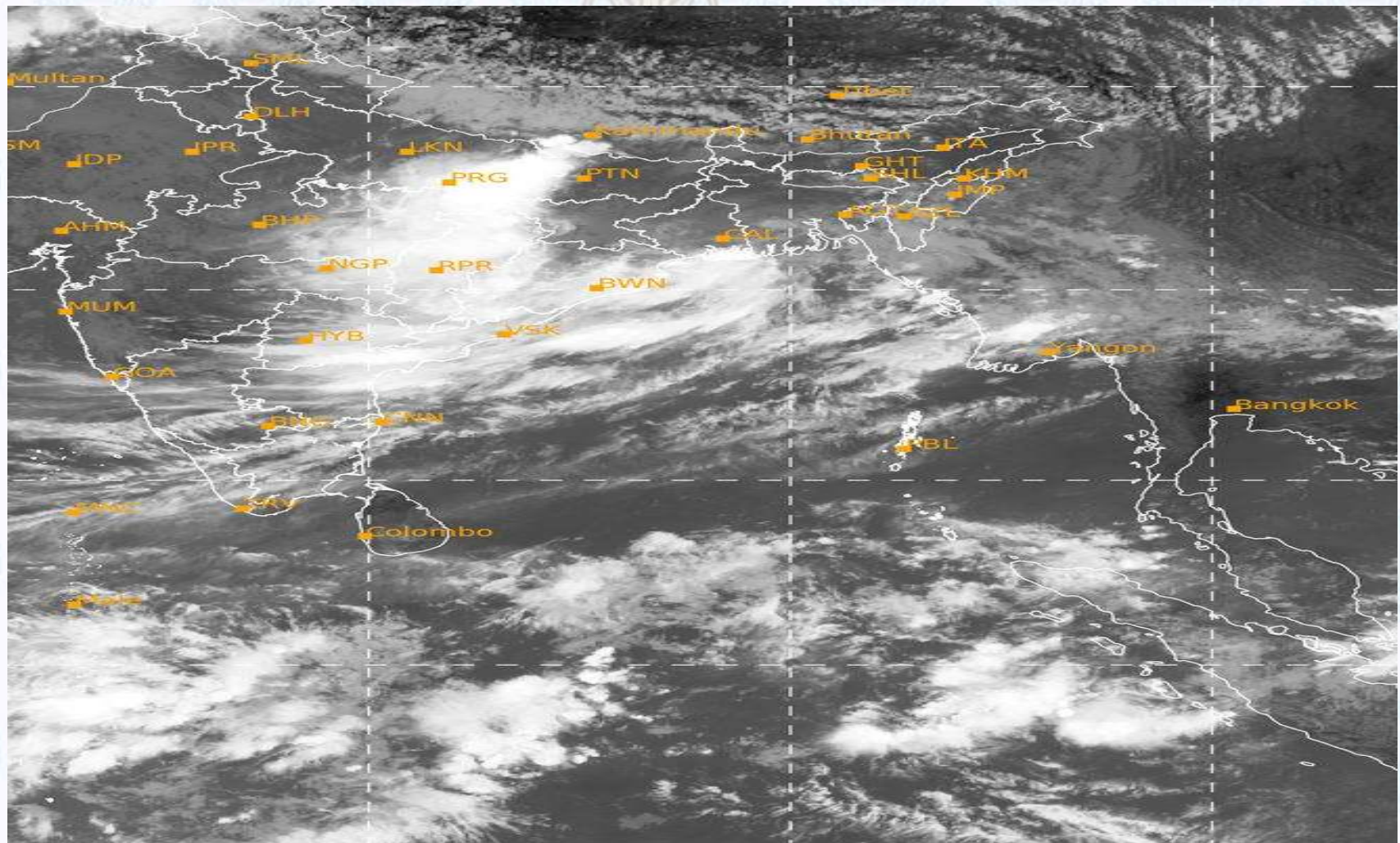
GENERAL WEATHER FORECAST – KHULNA

Description	30 Sep 2020	01 Oct 2020	02 Oct 2020
Temperature(C)	33°C/ 27°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	5h52m54s/17h50m00s	5h53m54s/17h49m00s	5h53m36s/17h48m00s
Day Length	11h57m06s	11h55m48s	11h54m24s
Moon Rise/Set	5:16 PM 4:22 PM	5:49 PM 5:13 PM	6:20 PM 6:03 PM
Moon Phase/illu	Waxing Gibbous, 97%	Full Moon, 99%	Full Moon, 99%
Nautical Twilight	05:04, 18:38	05:04, 18:37	05:05, 18:37
Civil Twilight	05:30, 18:12	05:30, 18:11	05:29, 18:11
Humidity	D : 79% N : 88%	D : 81% N : 88%	D : 85% N : 88%
Barometer (mb)	1003	1004	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	70%	80%	70%
Wind (mph)	5 km/h E	9 km/h E	9 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

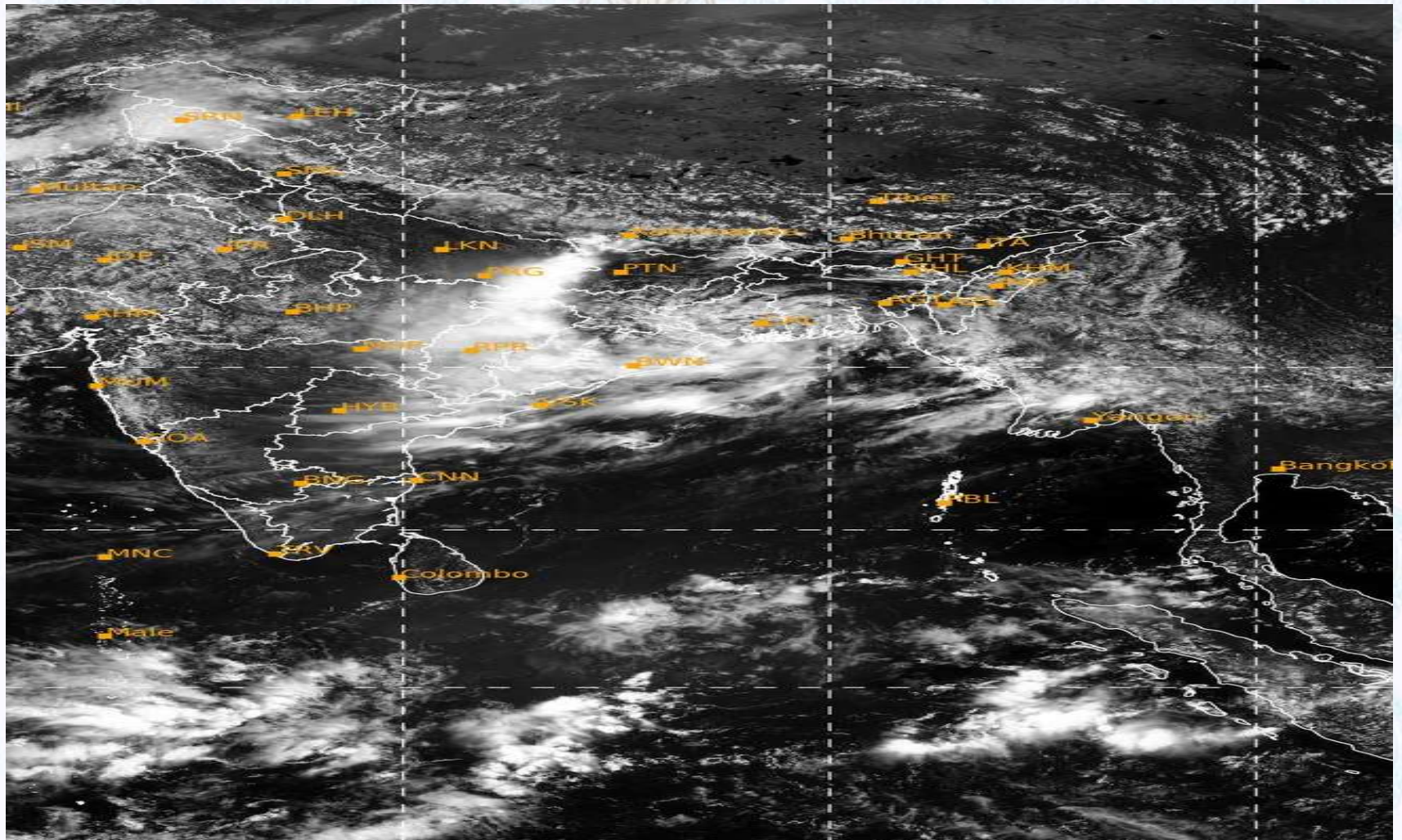


29/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



29/09/2020, 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 29.09.2020)

Part One	NO STORM WARNING.	
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/ SOUTH-EASTERLY, 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 = 29,0000 UTC. CHATTOGRAM =1004 HPA



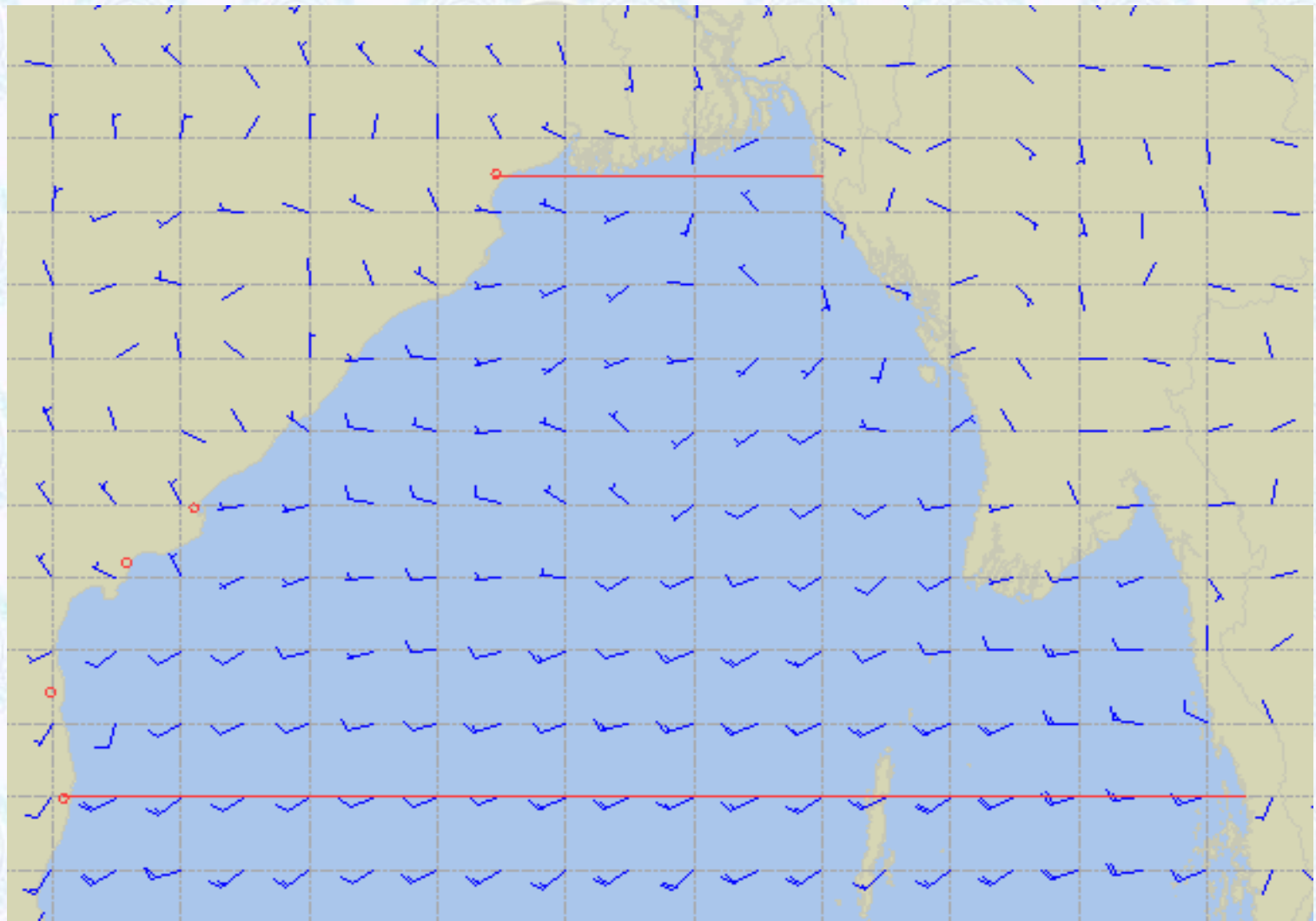
Inland River Port Warning **(VALID TILL 06 PM OF 29.09.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **S/SE'LY GUSTY/SQUALLY** WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF KHULNA, BORISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, MYMENSINGH AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 30 Sep- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



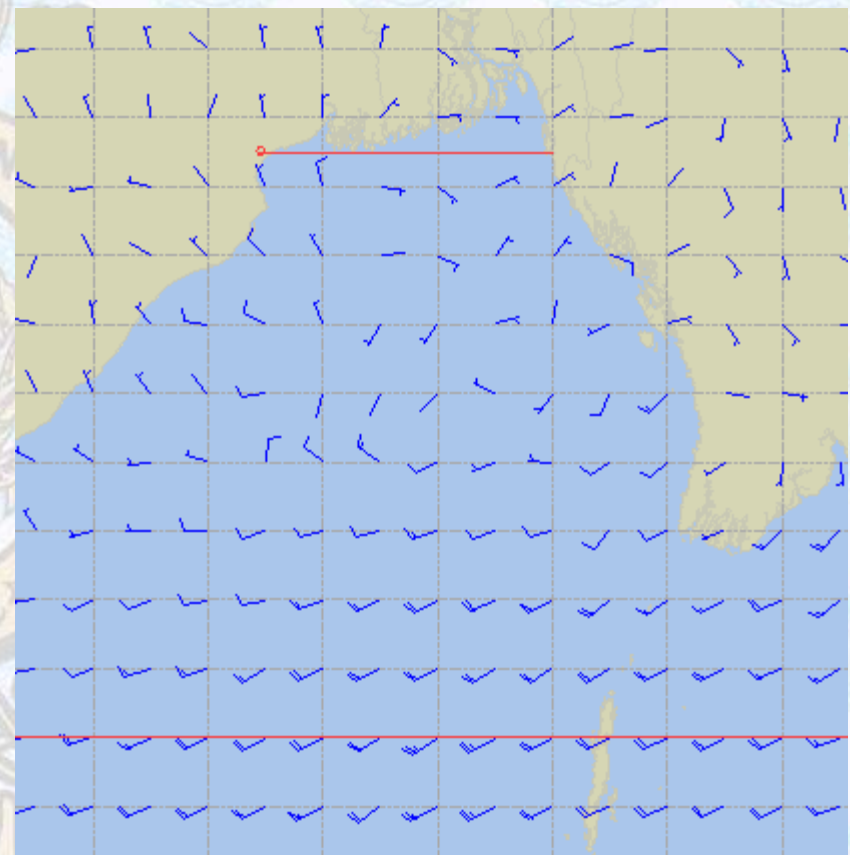
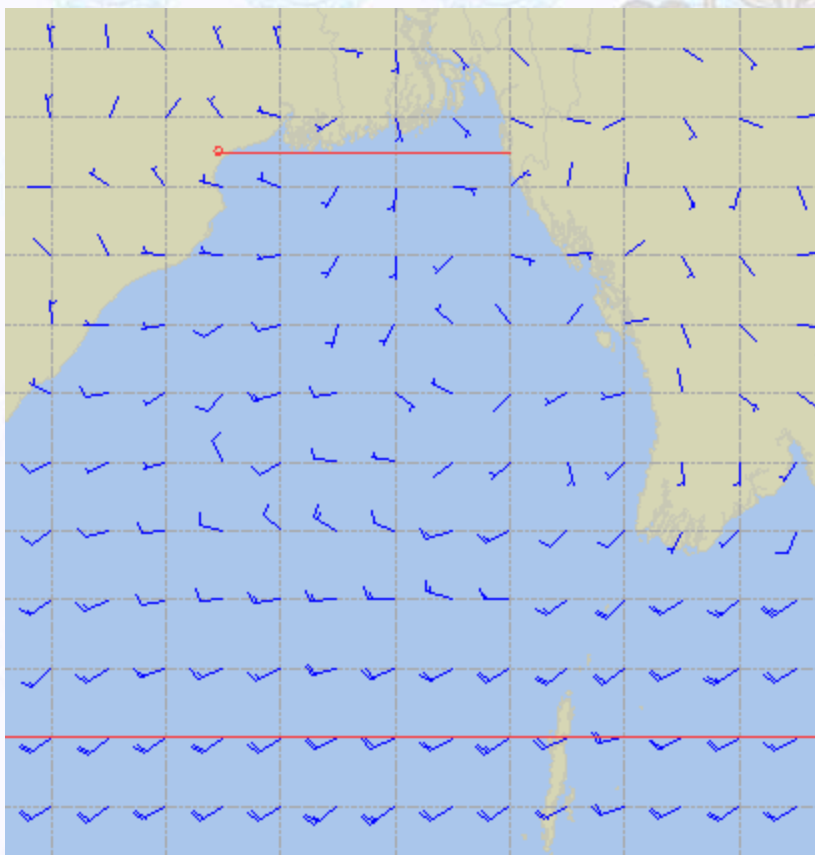
60 Knots



Surface Wind Forecast – 01 & 02 Oct- 2020

01 Oct 20 Thursday

02 Oct 20 Friday



Legend:



**Calm
Winds**



5 Knots



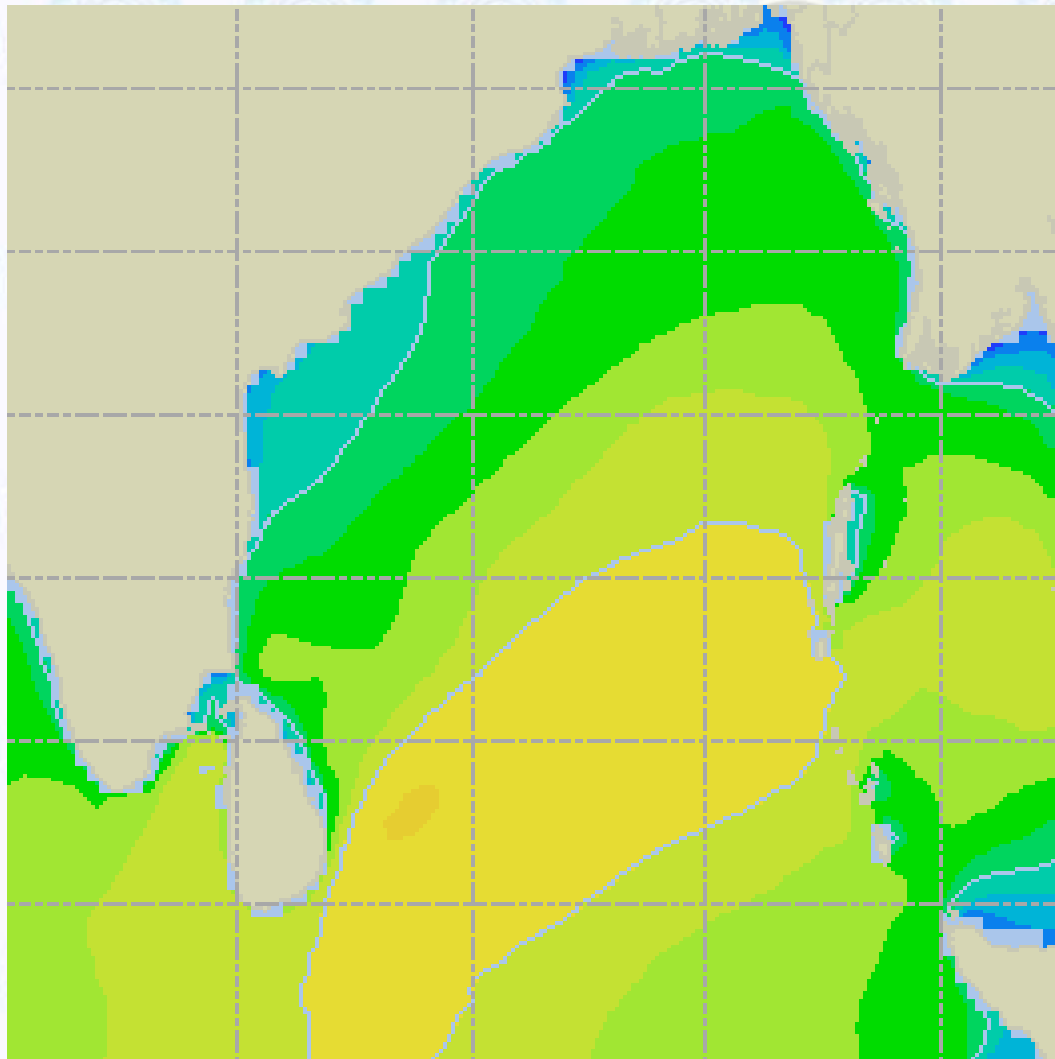
10 Knots



60 Knots



Sea State Forecast – 30 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

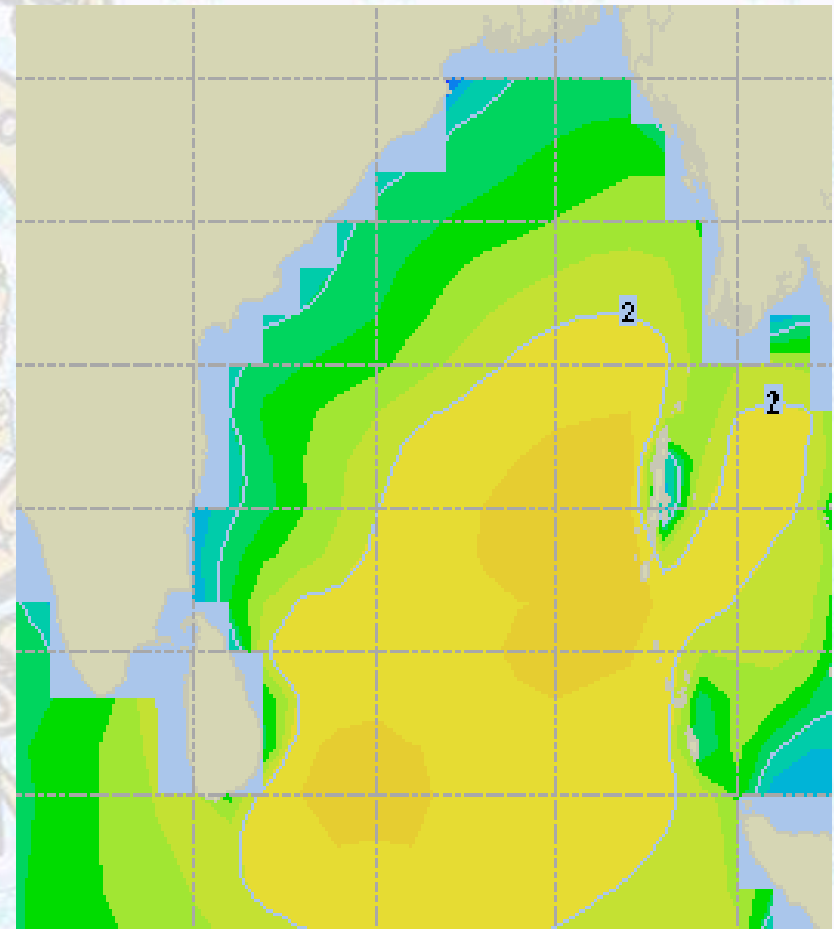
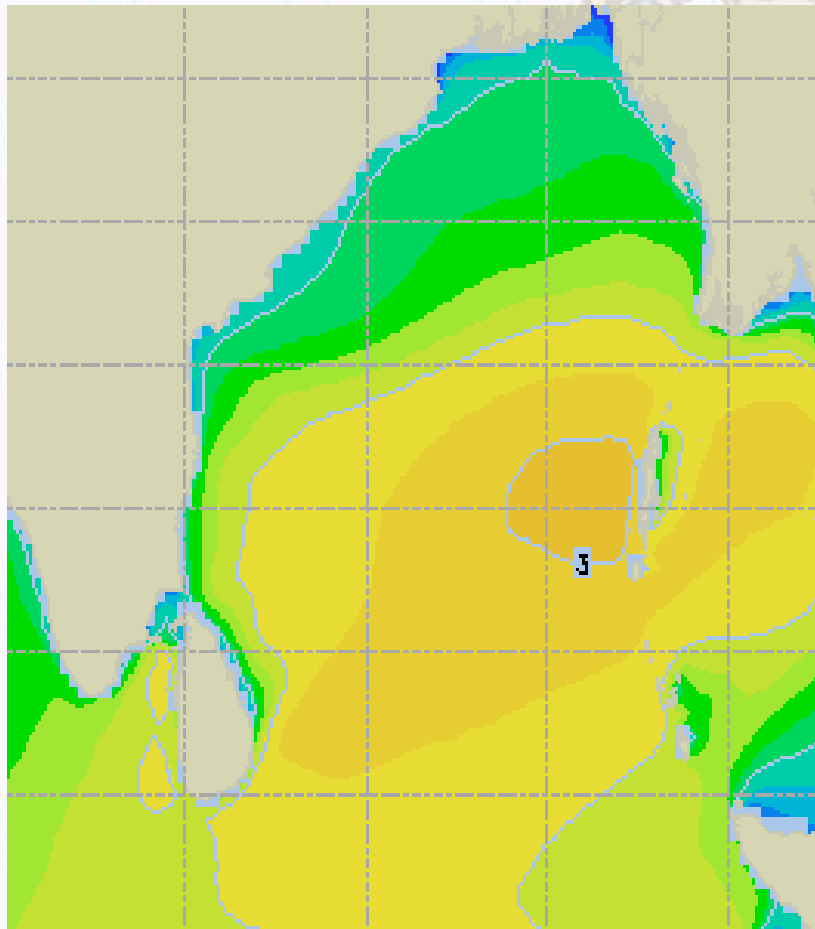




Sea State Forecast – 01 & 02 Oct- 2020

01 Oct 20 Thursday

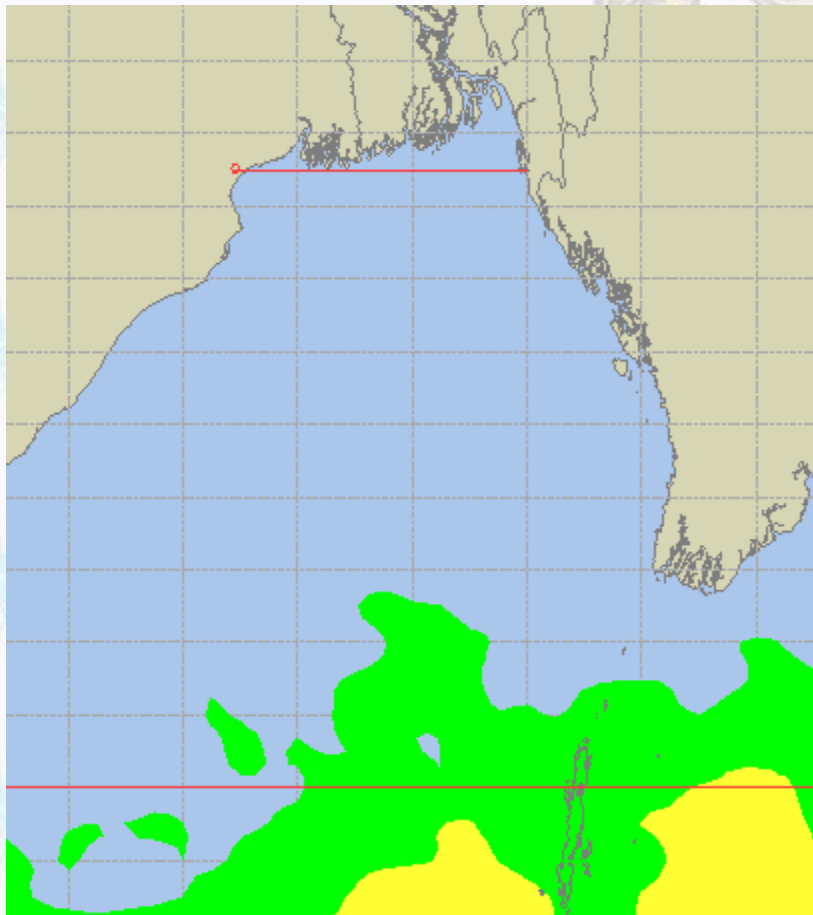
02 Oct 20 Friday



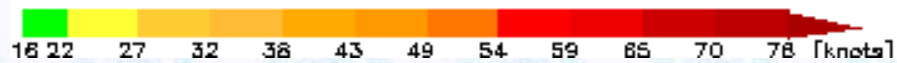
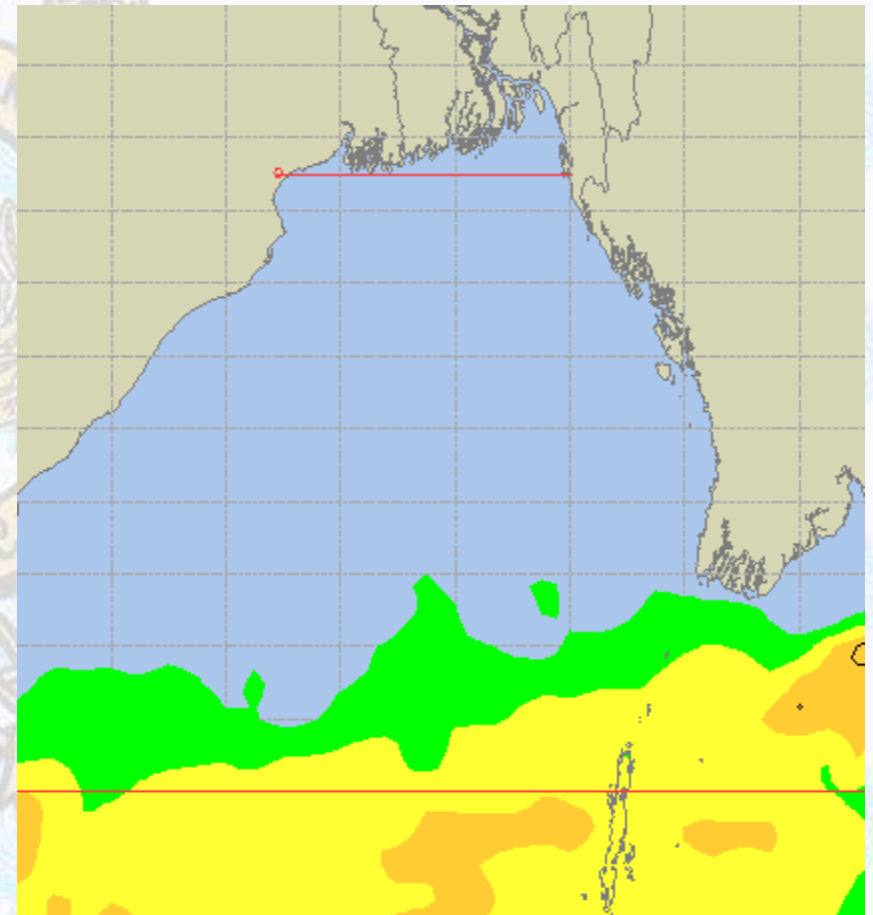


Peak Gusting Possibilities— 30 Sep & 01 Oct 2020

30 Sep 20 Wednesday



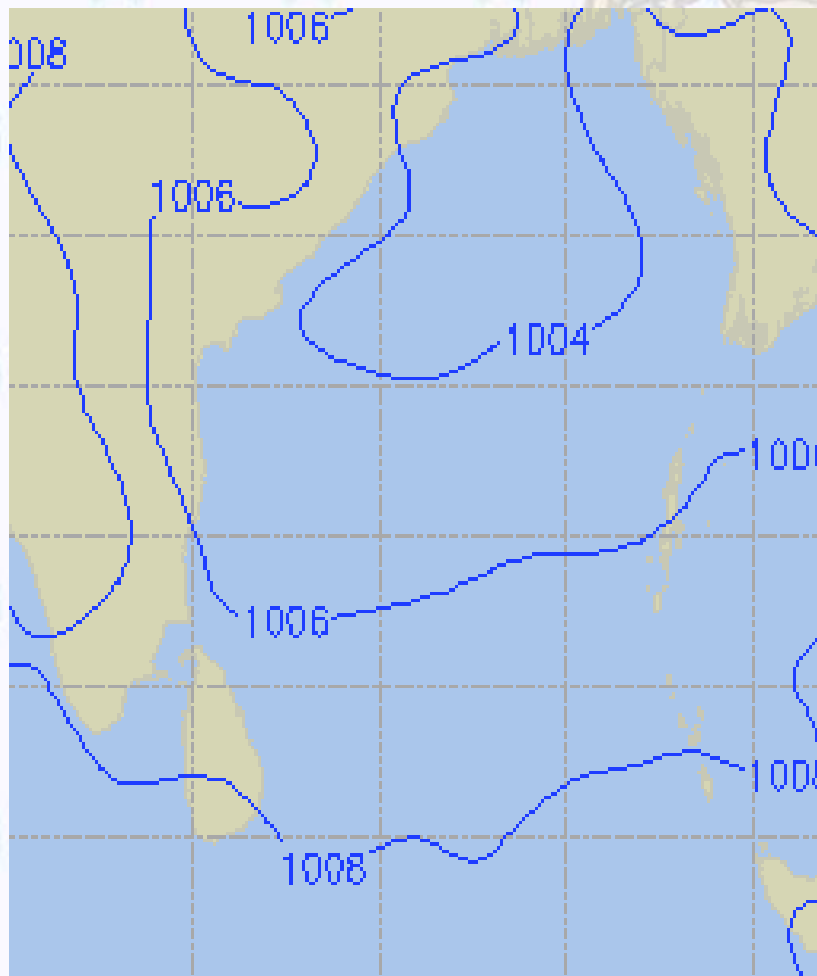
01 Oct 20 Thursday



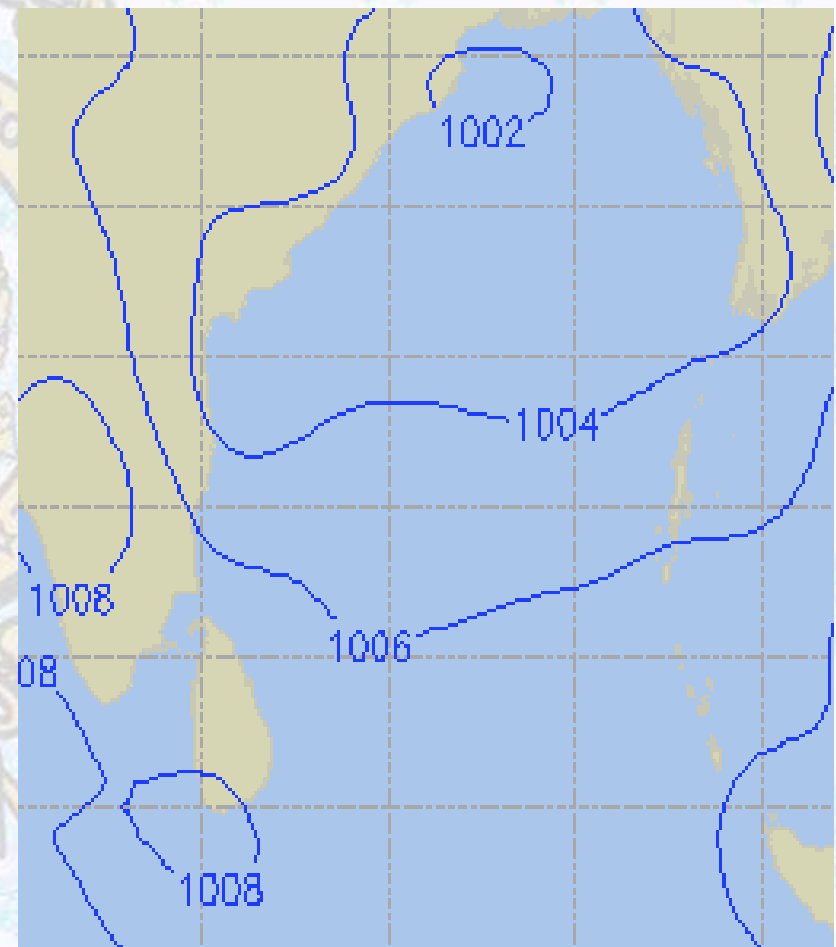


Surface Pressure forecast– 30 Sep & 01 Oct 2020

30 Sep 20 Wednesday



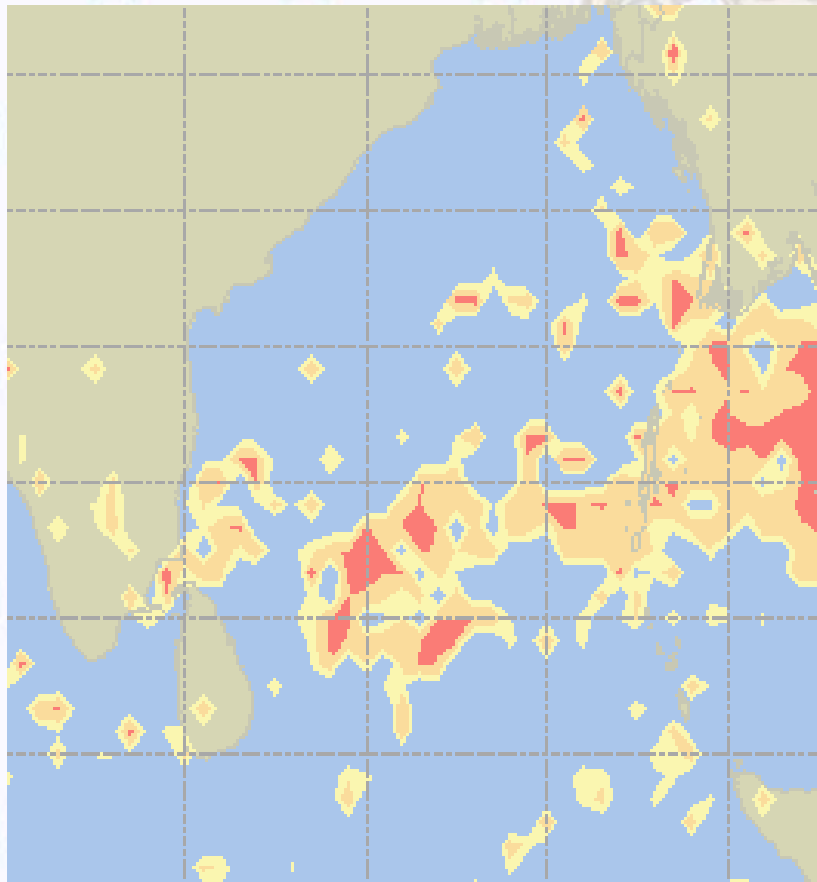
01 Oct 20 Thursday



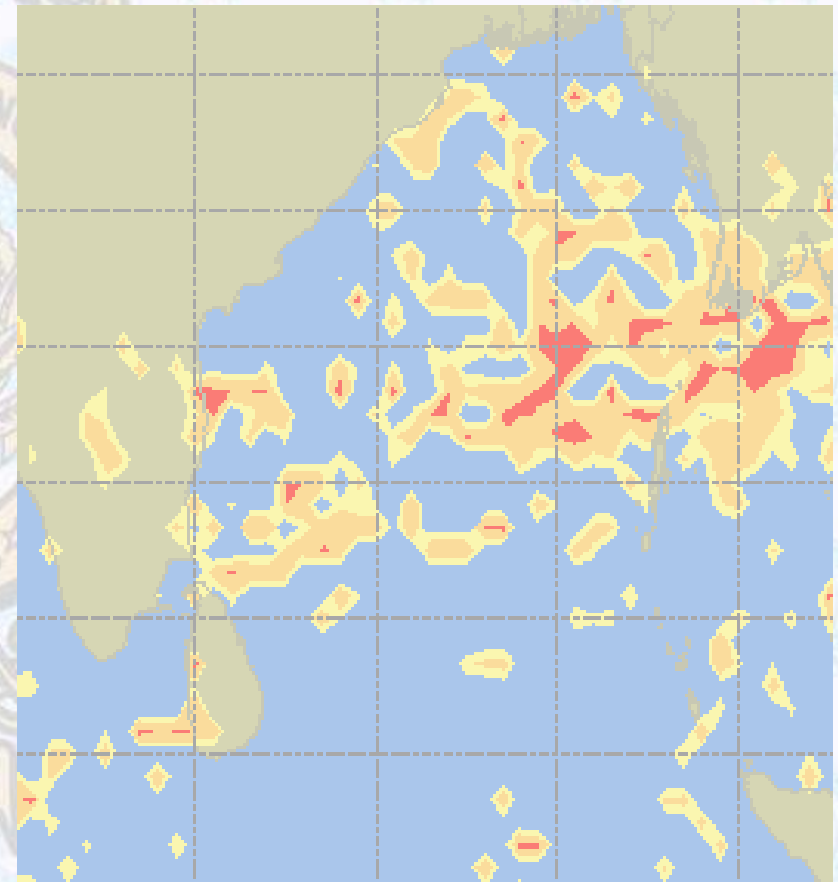


Visibility at Sea Forecast – 30 Sep & 01 Oct 2020

30 Sep 20 Wednesday



01 Oct 20 Thursday



Visibility Scale:

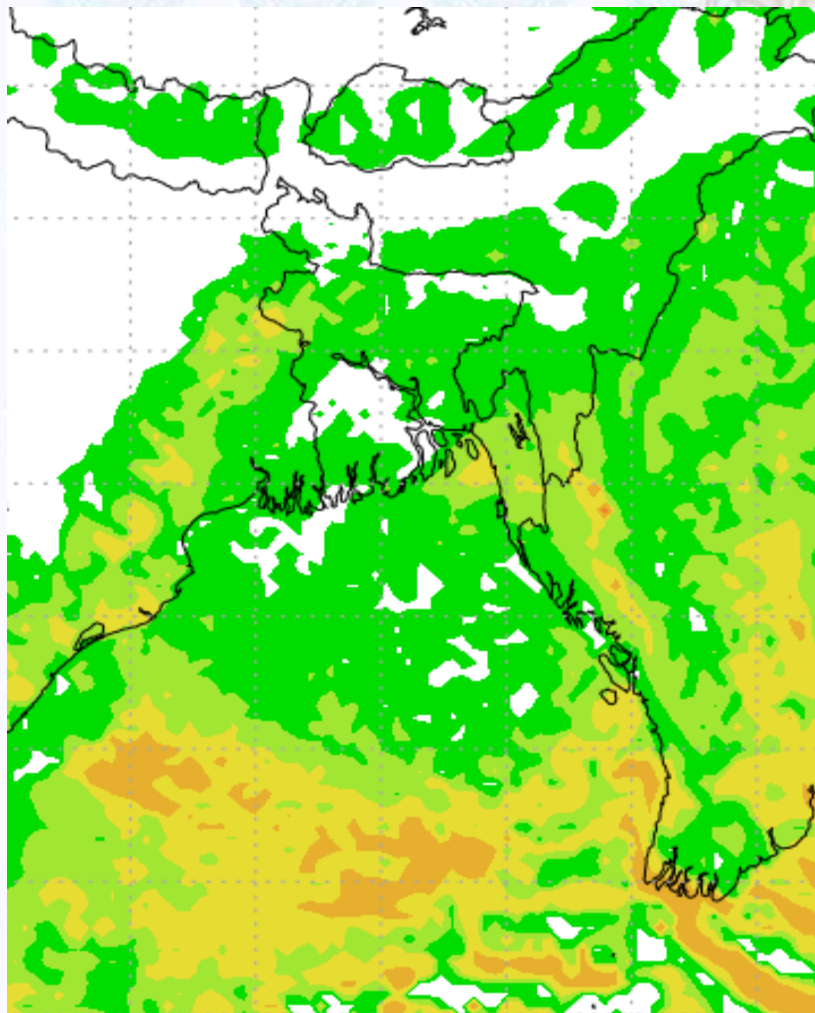


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

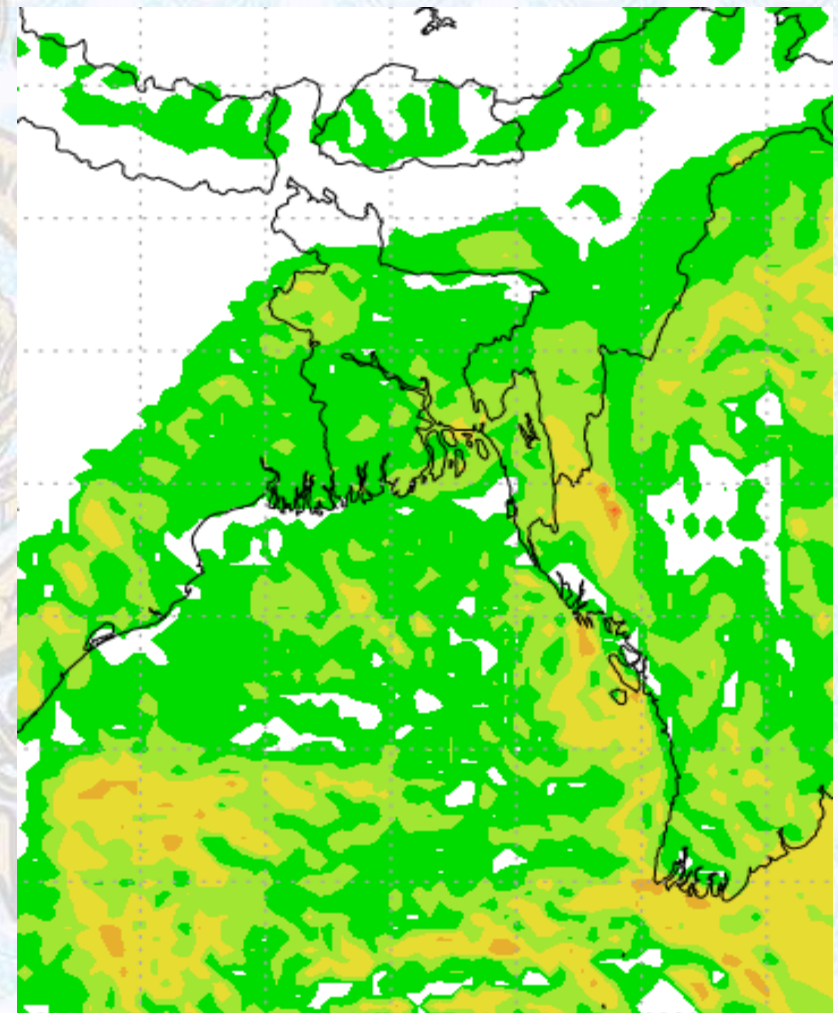


Precipitation

Rain(mm)30 Sep & 01 Oct 2020



Rain(mm) 01 & 02 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
30 Sep 2020	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
02 Oct 2020	Time	Height		Time	Height		Time	Height
	0112	5.09		0523	0.84		0455	0.88
	0734	0.56		1057	3.50		1050	3.15
	1318	5.07		1736	0.80		1707	0.80
	1947	0.53		2314	3.53		2307	3.24