



WEATHER FORECAST FOR BN

01 SEP- 04 SEP 2020





WEATHER FORECAST – DHAKA

01.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	29 / 25	28 / 25	28 / 25
Wind	6 km/h SSE	7 km/h SSE	5 km/h SE	6 km/h SE
Humidity	83%	82%	85%	87%
Chance of Precip	20%	18%	45%	60%
Cloud Cover	96%	96%	95%	83%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 40 AM 18: 16 PM			

Conditions

Pressure : 1006 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

01.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	28 / 26	27 / 26	27 / 26
Wind	7 km/h SSW	9 km/h S	5 km/h SE	6 km/h SE
Humidity	85%	87%	91%	92%
Chance of Precip.	20%	18%	43%	24%
Cloud Cover	75%	88%	76%	72%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 35 AM 18: 09 PM			

Conditions

Pressure : 1008 hpa

Visibility : 5.45 Km

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



WEATHER FORECAST – KHULNA

01.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 27	27 / 27
Wind	7 km/h E	4 km/h ESE	4 km/h SE	4 km/h ESE
Humidity	89%	89%	94%	97%
Chance of Precip.	37%	38%	43%	44%
Cloud Cover	93%	95%	81%	83%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Rain	Cloudy/ Rain
Sunrise Sunset	5: 44 AM 18: 18 PM			

Conditions

Pressure : 1006 hpa

Visibility : 9.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	02 Sep 2020	03 Sep 2020	04 Sep 2020
Temperature (C)	32 °C/ 26 °C	33 °C/ 27 °C	34 °C/ 27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h40m36s/18h15m00s	5h40m48s/18h13m54s	5h41m00s/18h12m48s
Day Length	12h34m24s	12h33m06s	12h31m48s
Moon Rise/ Set	6:38AM 5:31PM	7:12AM 6:23PM	7:44AM 7:14PM
Moon Phase/ illu	Full Moon, 99%	Full Moon, 98%	Waning Gibbous, 95%
NauticalTwilight	04:50,19:04	04:51,19:04	04:51,19:03
Civil Twilight	05:17,18:38	05:18,18:37	05:18,18:36
Humidity	D : 74% N : 85%	D : 70% N : 82%	D : 70% N : 80%
Barometer (mb)	1007	1009	1009
Visibility	Moderate	Moderate	Moderate
Precip Chance	60%	20%	20%
Wind (mph)	12 Km/h SSE	7 Km/h S	7 Km/h WSW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	02 Sep 2020	03 Sep 2020	04 Sep 2020
Temperature (C)	31 °C/ 25 °C	32 °C/ 26 °C	32 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h36m00s/18h08m18s	5h36m06s/18h07m12s	5h36m18s/18h06m12s
Day Length	12h32m18s	12h31m06s	12h29m54s
Moon Rise/ Set	6:31AM 5:26PM	7:05AM 6:18PM	7:38AM 7:09PM
Moon Phase/ illu	Full Moon, 99%	Full Moon, 99%	Waning Gibbous, 95%
Nautical Twilight	04:46, 18:57	04:47, 18:57	04:47, 18:56
Civil Twilight	05:13, 18:33	05:13, 18:33	05:14, 18:33
Humidity	D : 81% N : 92%	D : 79% N : 92%	D : 79% N : 91%
Barometer (mb)	1008	1010	1010
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	20%	20%
Wind (mph)	11 Km/h SSW	9 Km/h W	9 Km/h WNW

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



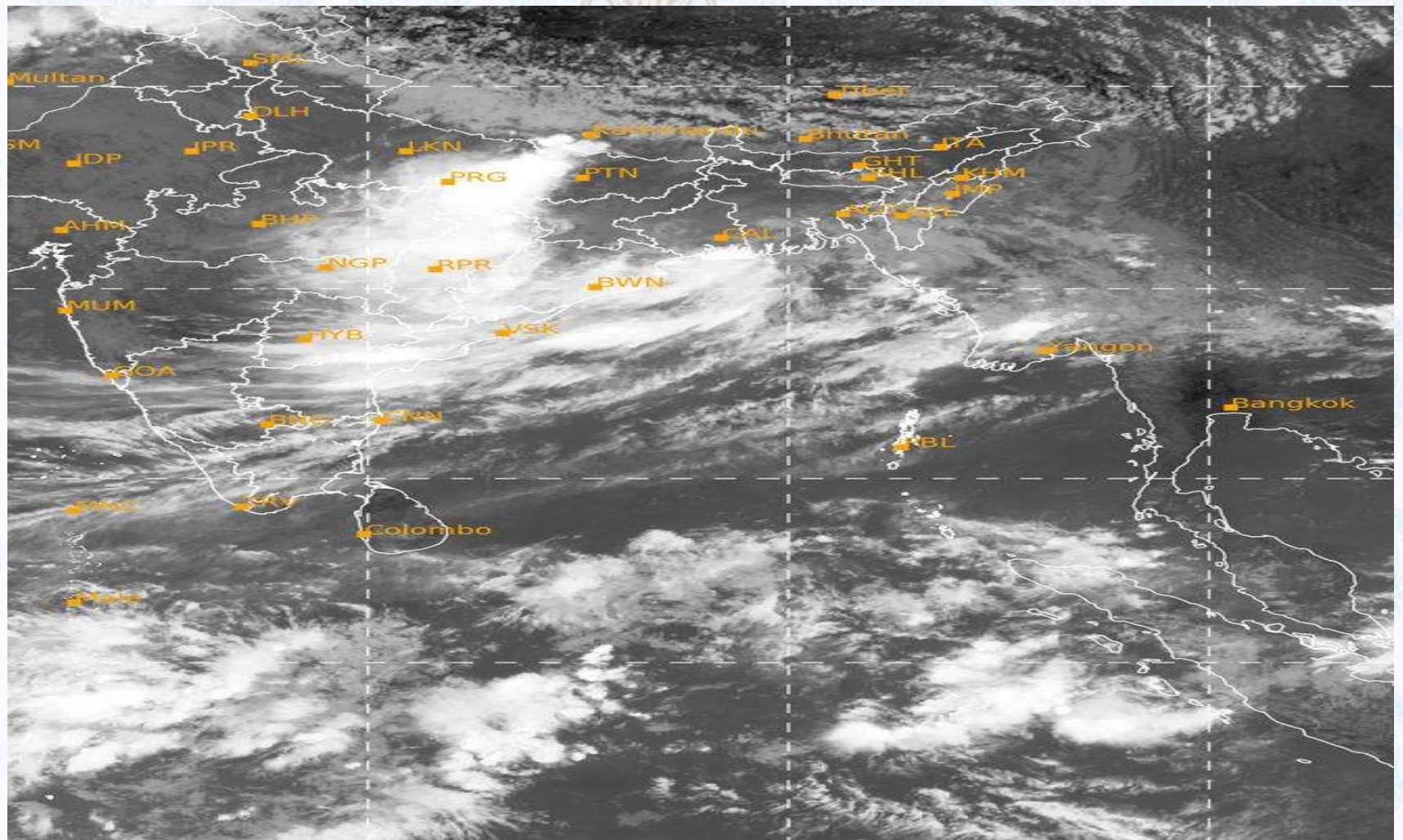
GENERAL WEATHER FORECAST – KHULNA

Description	02 Sep 2020	03 Sep 2020	04 Sep 2020
Temperature(C)	32°C/ 26°C	33°C/ 26°C	34°C/ 27°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h44m48s/18h17m48s	5h44m54s/18h16m42s	5h45m06s/18h15m36s
Day Length	12h33m00s	12h31m48s	12h30m30s
Moon Rise/Set	6:41AM 5:37PM	7:16AM 6:28PM	7:48AM 7:19PM
Moon Phase/illu	Full Moon, 99%	Full Moon, 98%	Waning Gibbous, 95%
Nautical Twilight	04:55, 19:07	04:56, 19:06	04:56, 19:05
Civil Twilight	05:21, 18:40	05:22, 18:39	05:22, 18:38
Humidity	D : 80% N : 89%	D : 74% N : 87%	D : 72% N : 84%
Barometer (mb)	1007	1008	1009
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	20%	20%
Wind (mph)	12 km/h SE	7 km/h SSE	9 km/h SW

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



SATELLITE VIEW OF BAY OF BENGAL



01/09/2020, 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 01.09.2020)

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	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/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 = 01,0000 UTC. CHATTOGRAM =1008 HPA



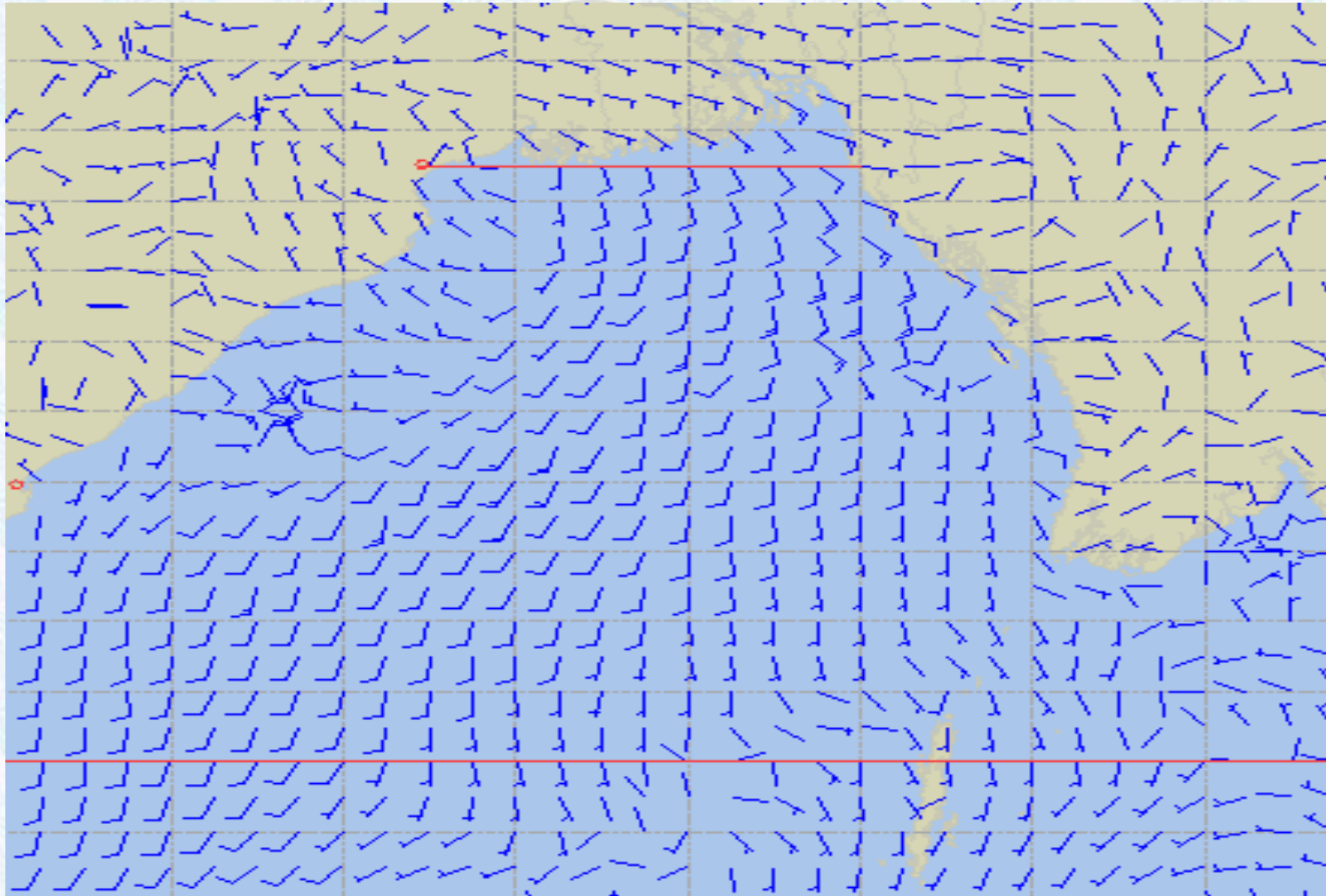
Inland River Port Warning (VALID TILL 06 PM OF 01.09.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED **45-60KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, SYLHET, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



Surface Wind Forecast- 02 Sep- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



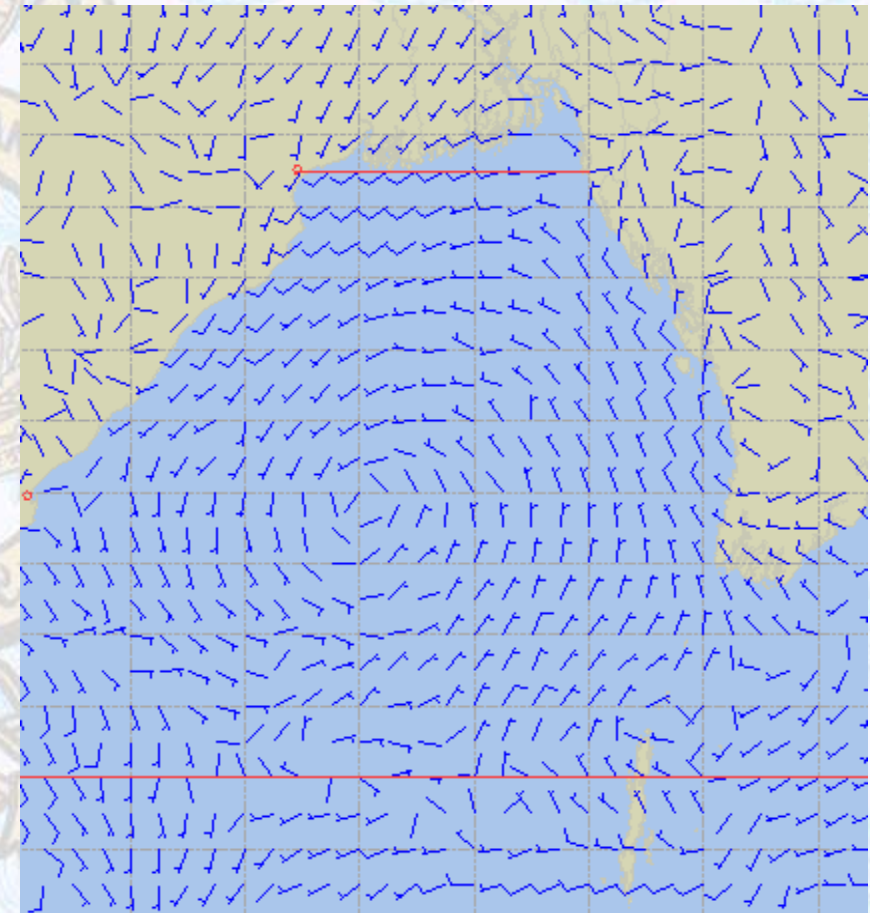
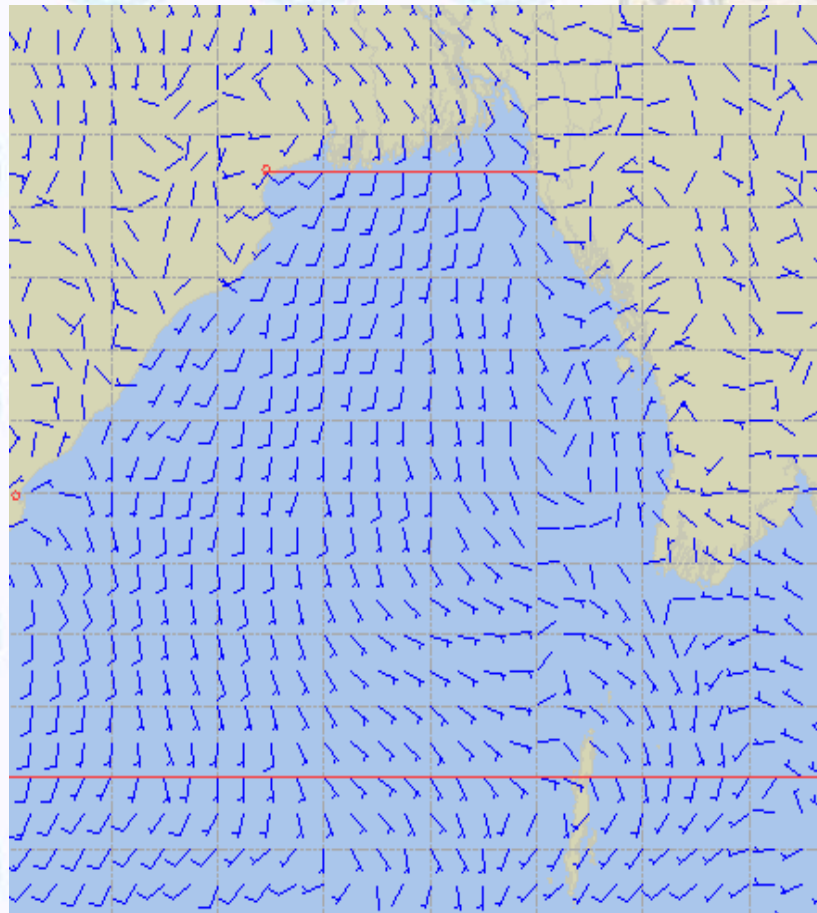
60 Knots



Surface Wind Forecast – 03 & 04 Sep - 2020

03 Sep 20 Thursday

04 Sep 20 Friday



Legend:



Calm
Winds



5 Knots



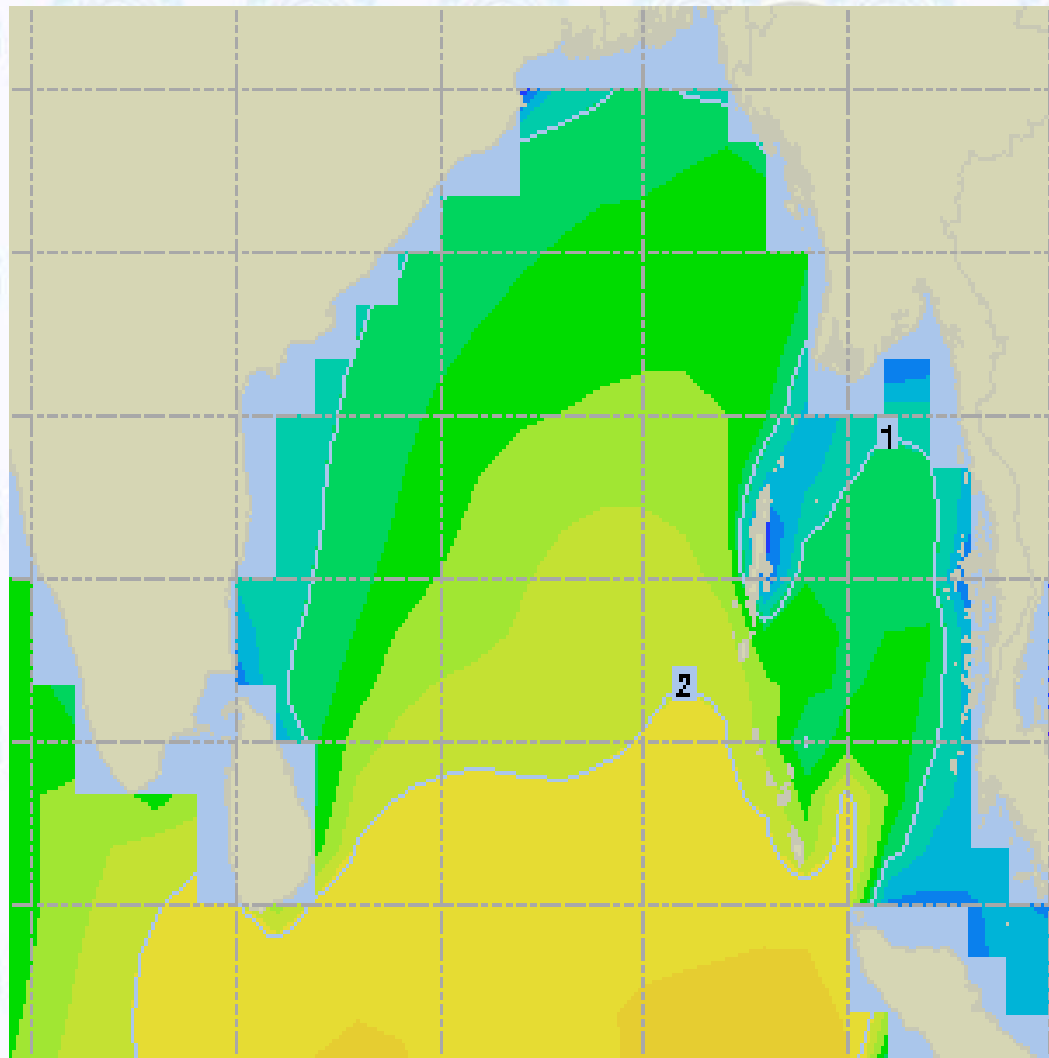
10 Knots



60 Knots



Sea State Forecast – 02 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

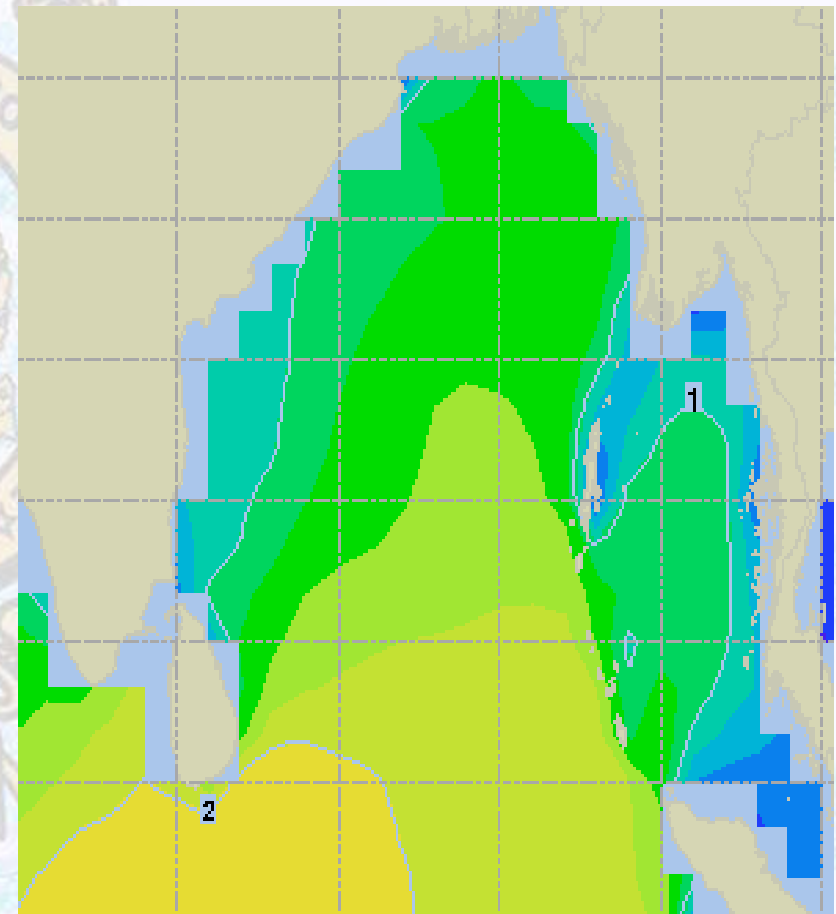
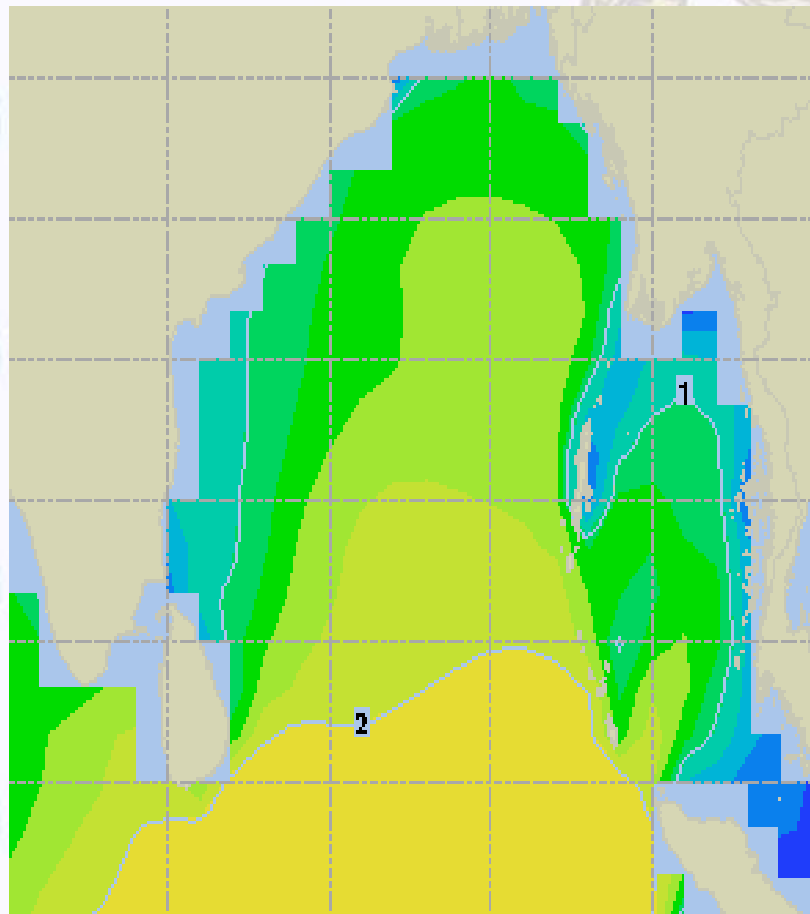




Sea State Forecast – 03 & 04 Sep - 2020

03 Sep 20 Thursday

04 Sep 20 Friday

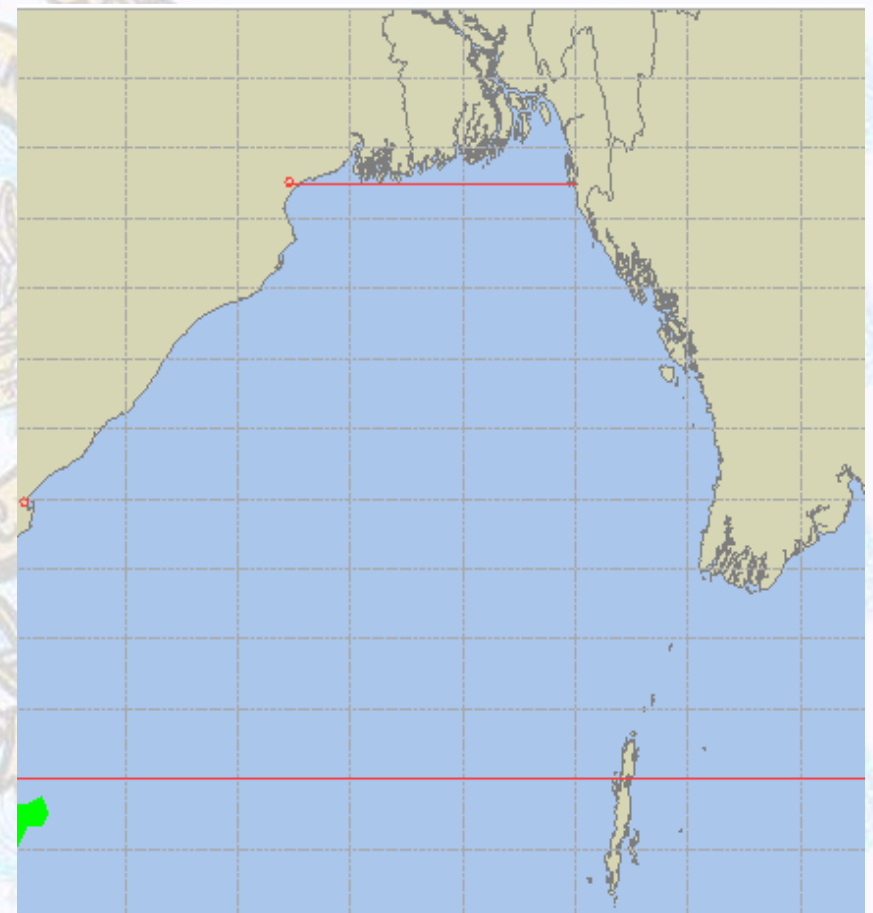
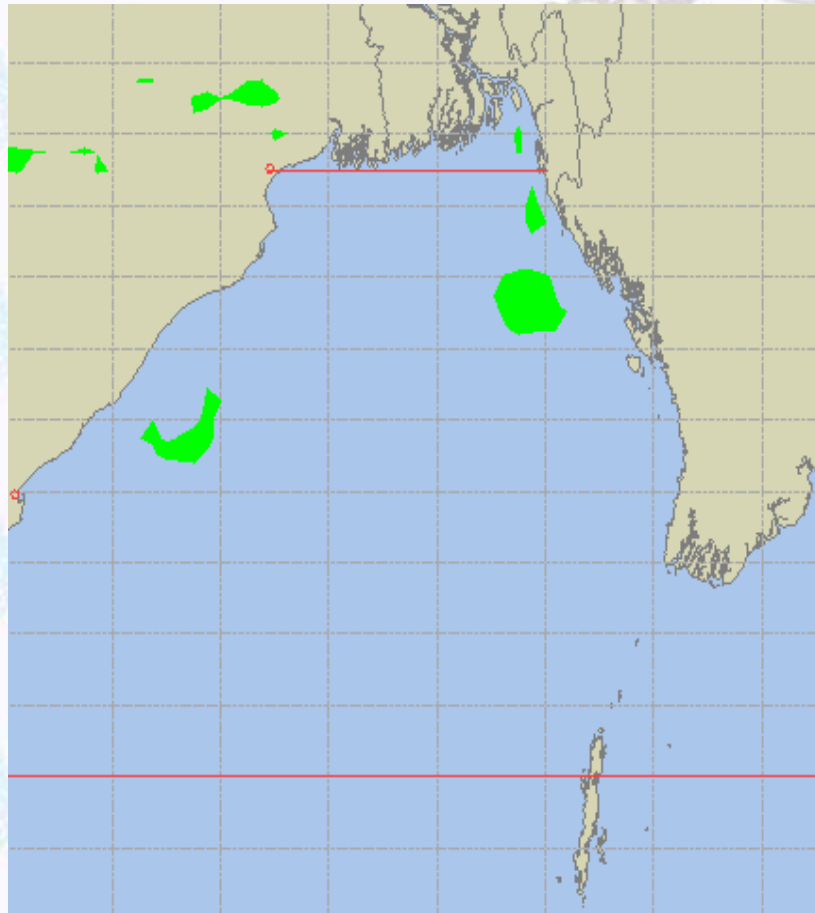




Peak Gusting Possibilities— 02 & 03 Sep 2020

02 Sep 20 Wednesday

03 Sep 20 Thursday

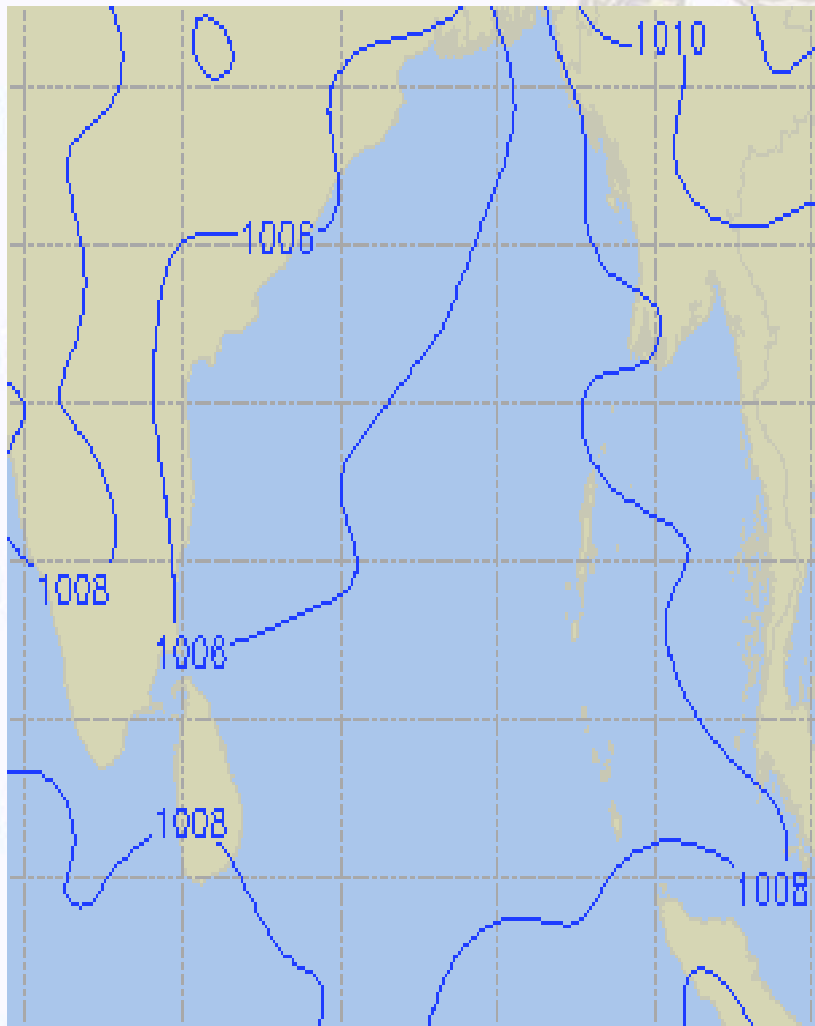


16 22 27 32 38 43 49 54 59 65 70 78 [knots]

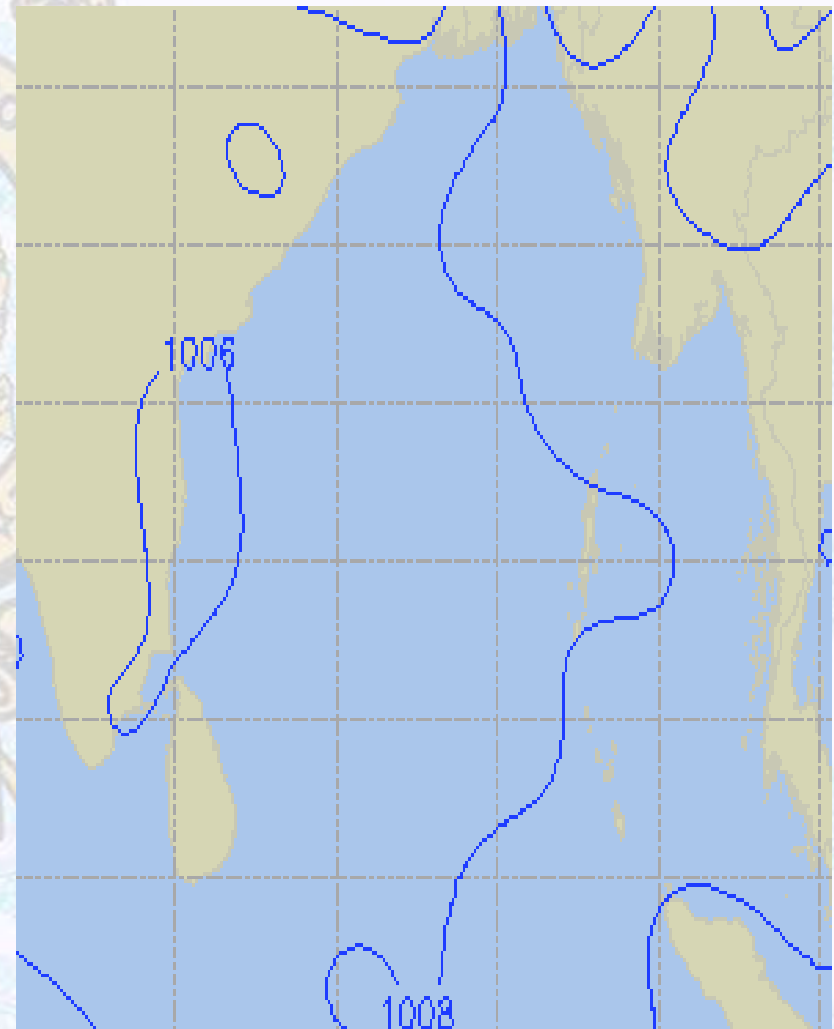


Surface Pressure forecast– 02 & 03 Sep 2020

02 Sep 20 Wednesday



03 Sep 20 Thursday

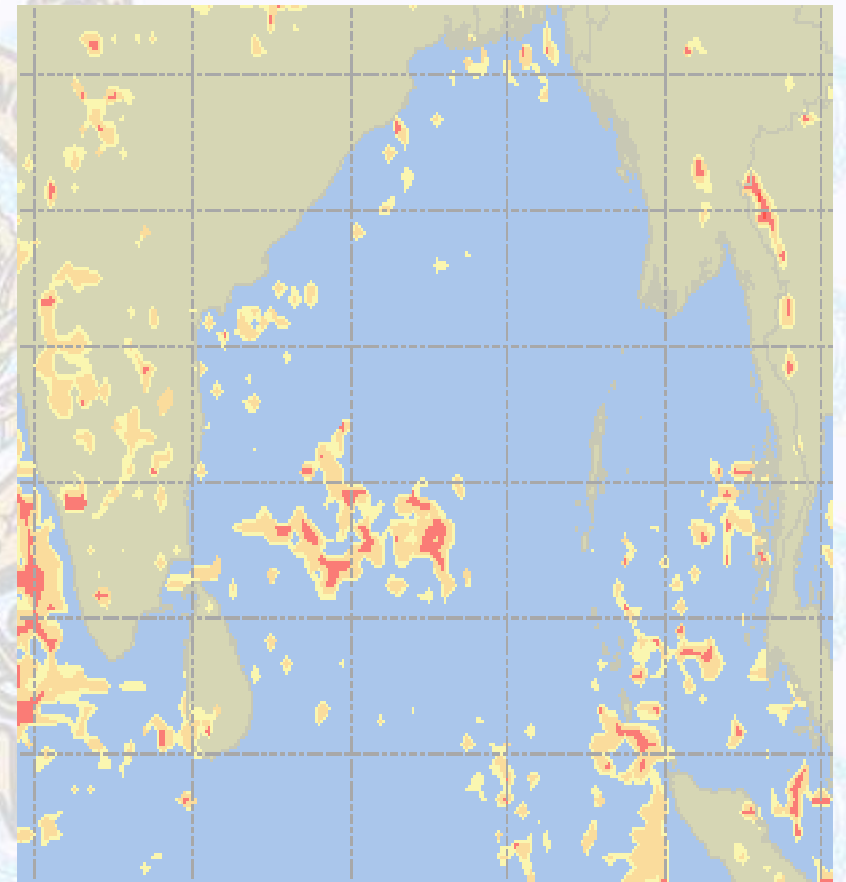
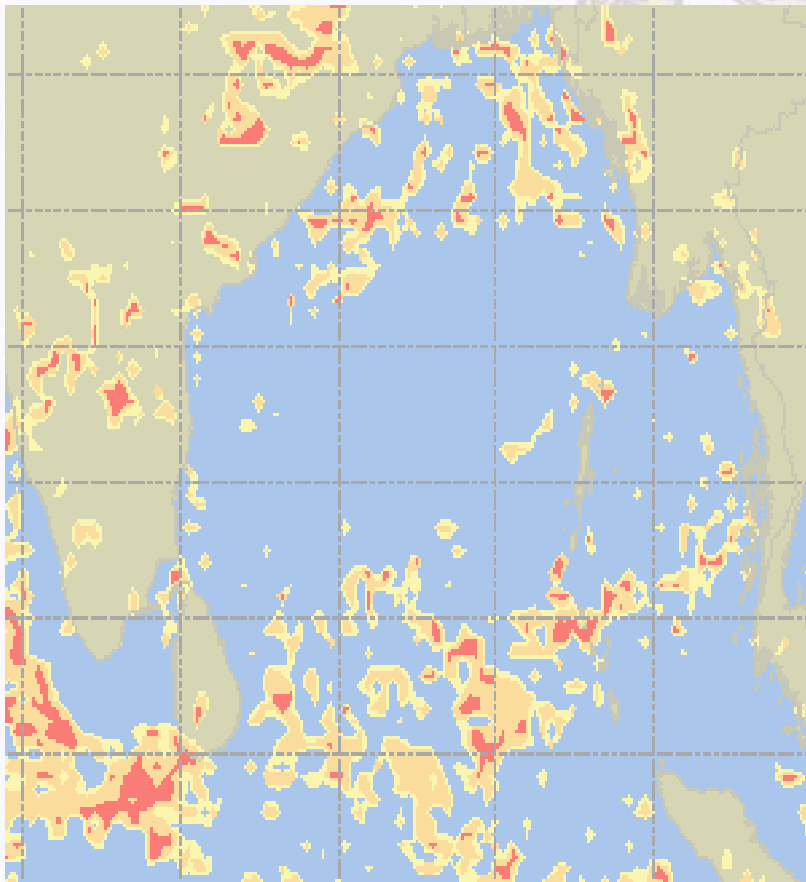




Visibility at Sea Forecast – 02 & 03 Sep 2020

02 Sep 20 Wednesday

03 Sep 20 Thursday



Visibility Scale:

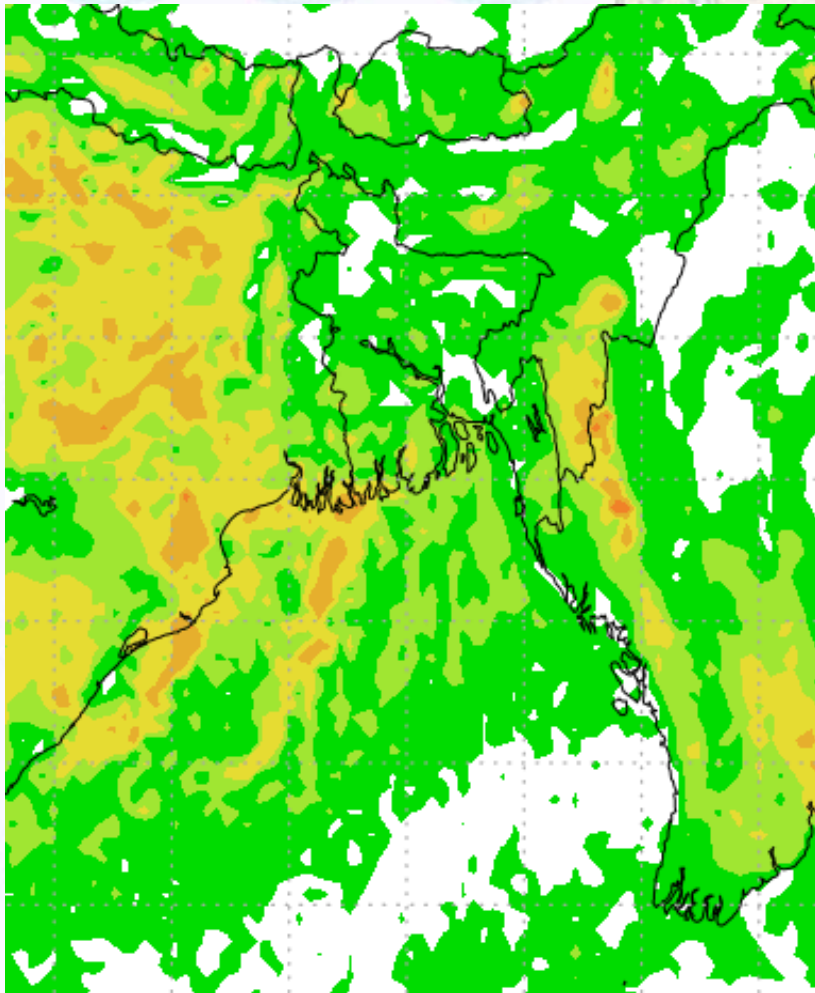


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

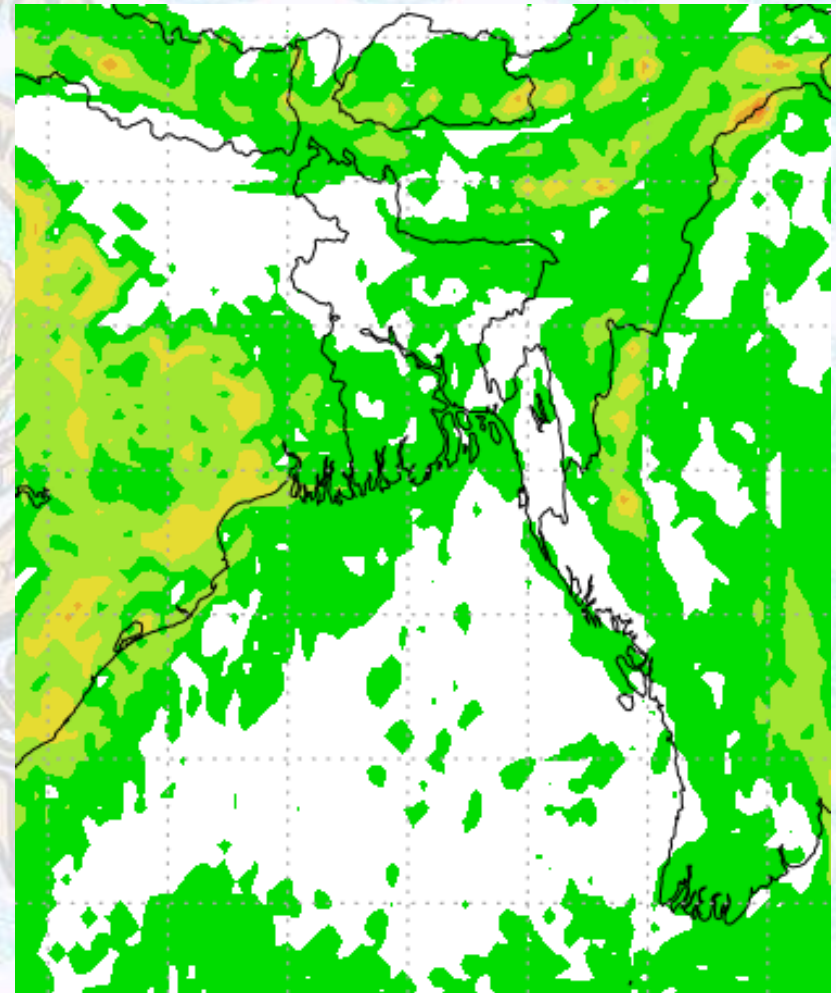


Precipitation

Rain(mm) 02 & 03 Sep 2020



Rain(mm) 03 & 04 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
02 Sep 2020	0106	5.02		0509	0.95		0445	1.01
	0723	0.78		1047	3.68		1047	3.31
	1312	5.29		1731	0.95		1711	0.96
	1948	0.68		2305	3.50		2305	3.20
03 Sep 2020	Time	Height		Time	Height		Time	Height
	0134	5.16		0545	0.93		0516	0.96
	0754	0.69		1122	3.72		1116	3.31
	1340	5.38		1804	0.93		1738	0.93
	2016	0.63		2337	3.52		2331	3.23
04 Sep 2020	Time	Height		Time	Height		Time	Height
	0200	5.25		0617	0.93		0544	0.96
	0823	0.64		1154	3.69		1139	3.29
	1407	5.43		1834	0.95		1802	0.91
	2042	0.59		-	-		2357	3.24