



WEATHER FORECAST FOR BN

28 AUG- 31 AUG 2020



WEATHER FORECAST – DHAKA

28.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 25	31 / 25	29 / 25	28 / 25
Wind	4 km/h S	7 km/h S	10 km/h S	9 km/h S
Humidity	72%	71%	81%	84%
Chance of Precip	20%	36%	32%	24%
Cloud Cover	88%	82%	77%	71%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 39 AM 18: 19 PM			

Conditions

Pressure : 1003 hpa

Visibility : 6.44 km

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



WEATHER FORECAST – CHATTOGRAM

28.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	30 / 27	28 / 26	28 / 26
Wind	15 km/h SSW	14 km/h SSW	10 km/h S	8 km/h SSE
Humidity	76%	80%	90%	91%
Chance of Precip.	15%	14%	38%	48%
Cloud Cover	68%	79%	61%	73%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 34 AM 18: 12 PM			

Conditions

Pressure : 1005 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

28.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	31 / 27	29 / 27	28 / 27
Wind	5 km/h SSW	8 km/h SSW	10 km/h S	7 km/h S
Humidity	80%	87%	91%	92%
Chance of Precip.	24%	22%	7%	8%
Cloud Cover	72%	78%	45%	49%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 43 AM 18: 22 PM			

Conditions

Pressure : 1003 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	29 August 2020	30 August 2020	31 August 2020
Temperature (C)	33 °C/ 27 °C	33 °C/ 28 °C	32 °C/ 27 °C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h39m30s/18h19m00s	5h39m48s/18h18m00s	5h40m06s/18h17m06s
Day Length	12h39m30s	12h38m12s	12h37m00s
Moon Rise/ Set	3:48AM 1:46PM	4:38AM 2:43PM	5:22AM 3:40PM
Moon Phase/ illu	Waxing Gibbous, 83%	Waxing Gibbous, 90%	Waxing Gibbous, 95%
NauticalTwilight	04:49,19:09	04:49,19:08	04:50,19:07
Civil Twilight	05:16,18:42	05:17,18:41	05:17,18:40
Humidity	D : 72% N : 84%	D : 73% N : 83%	D : 77% N : 84%
Barometer (mb)	1004	1004	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	50%	80%
Wind (mph)	11 Km/h SSW	8 Km/h SW	6 Km/h SW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	29 August 2020	30 August 2020	31 August 2020
Temperature (C)	31 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h35m00s/18h12m00s	5h35m18s/18h11m00s	5h35m36s/18h10m12s
Day Length	12h37m00s	12h35m42s	12h34m36s
Moon Rise/ Set	3:39AM 1:43PM	4:29AM 2:40PM	5:14AM 3:37PM
Moon Phase/ illu	Waxing Gibbous, 83%	Waxing Gibbous, 90%	Waxing Gibbous, 95%
Nautical Twilight	04:45, 19:01	04:46, 18:59	04:46, 18:59
Civil Twilight	05:11, 18:34	05:11, 18:33	05:12, 18:33
Humidity	D : 82% N : 92%	D : 83% N : 92%	D : 84% N : 93%
Barometer (mb)	1006	1006	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	40%	80%	80%
Wind (mph)	11 Km/h SSW	10 Km/h SW	6 Km/h SSW

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



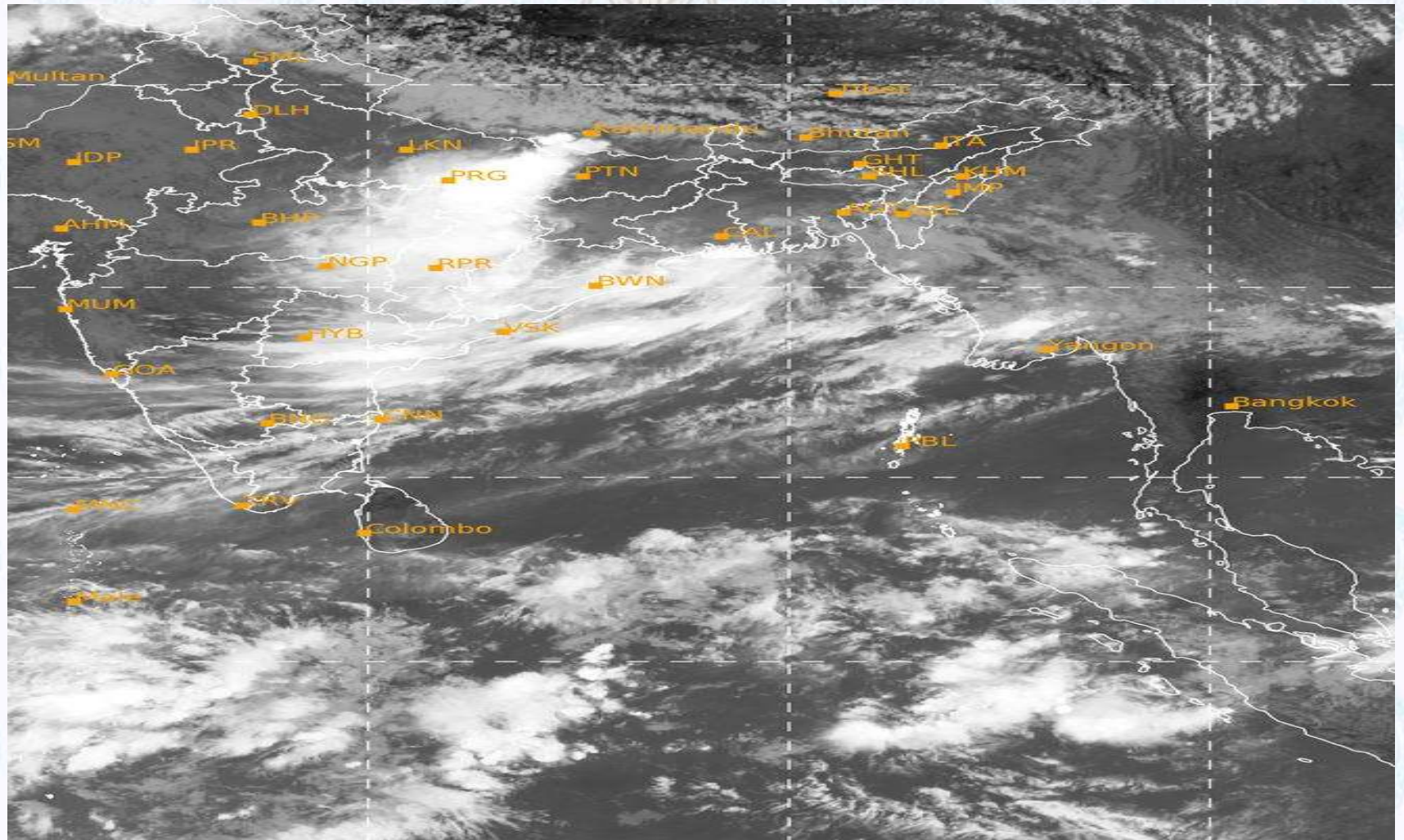
GENERAL WEATHER FORECAST – KHULNA

Description	29 August 2020	30 August 2020	31 August 2020
Temperature(C)	32°C/ 27°C	33°C/ 27°C	32°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h43m42s/18h21m30s	5h43m42s/18h20m36s	5h44m24s/18h19m48s
Day Length	12h37m48s	12h36m36s	12h35m24s
Moon Rise/Set	3:50AM 1:53PM	4:39AM 2:50PM	5:25AM 3:47PM
Moon Phase/illu	Waxing Gibbous, 83%	Waxing Gibbous, 90%	Waxing Gibbous, 95%
Nautical Twilight	04:53, 19:11	04:53, 19:10	04:54, 19:10
Civil Twilight	05:20, 18:44	05:21, 18:43	05:22, 18:43
Humidity	D : 77% N : 88%	D : 76% N : 87%	D : 79% N : 87%
Barometer (mb)	1004	1005	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	50%	80%
Wind (mph)	10 km/h SSW	10 km/h SW	8 km/h SW

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



SATELLITE VIEW OF BAY OF BENGAL

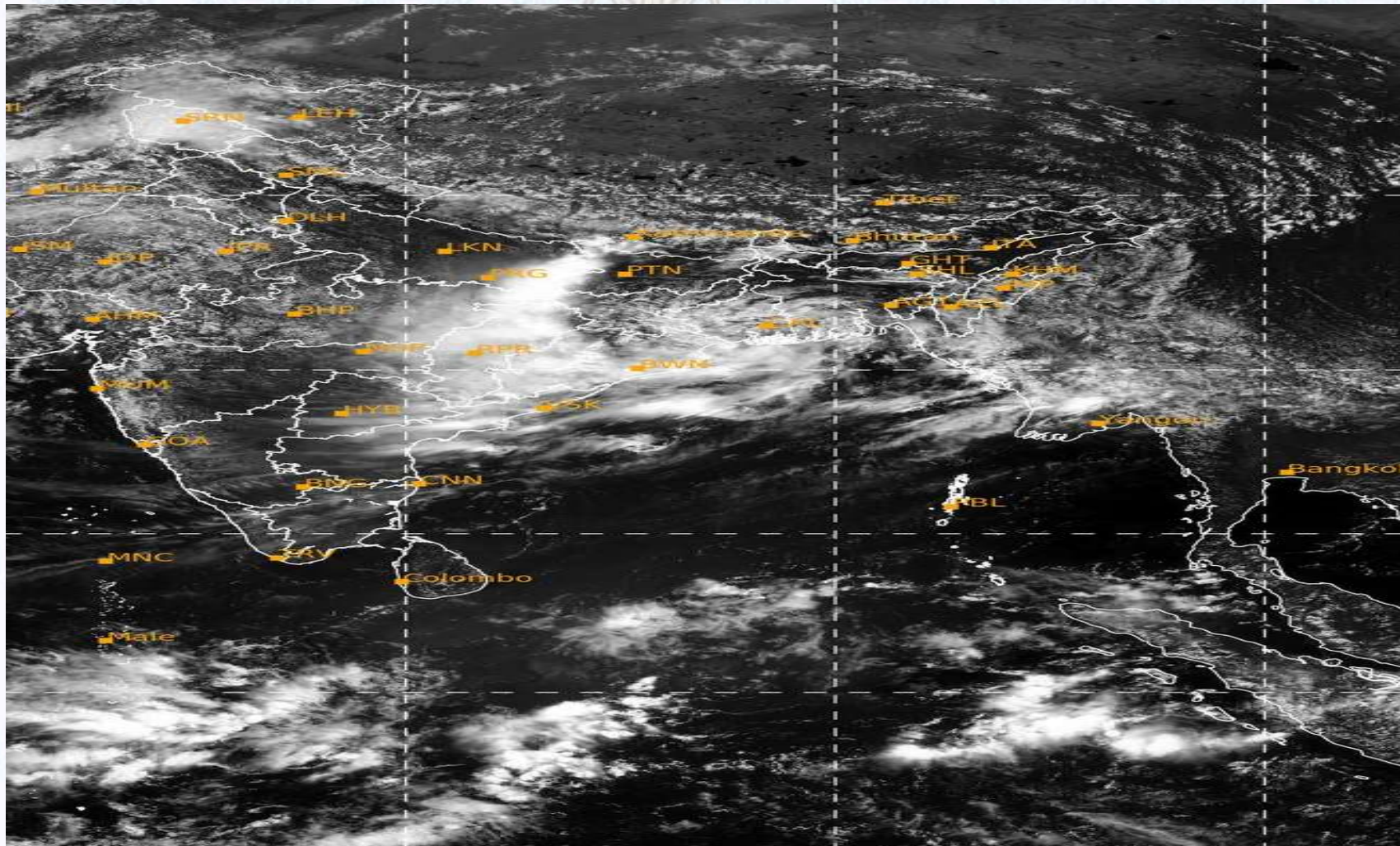


28/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



28/08/2020, 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 28.08.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE 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 = 0000 UTC. CHATTOGRAM =1005 HPA



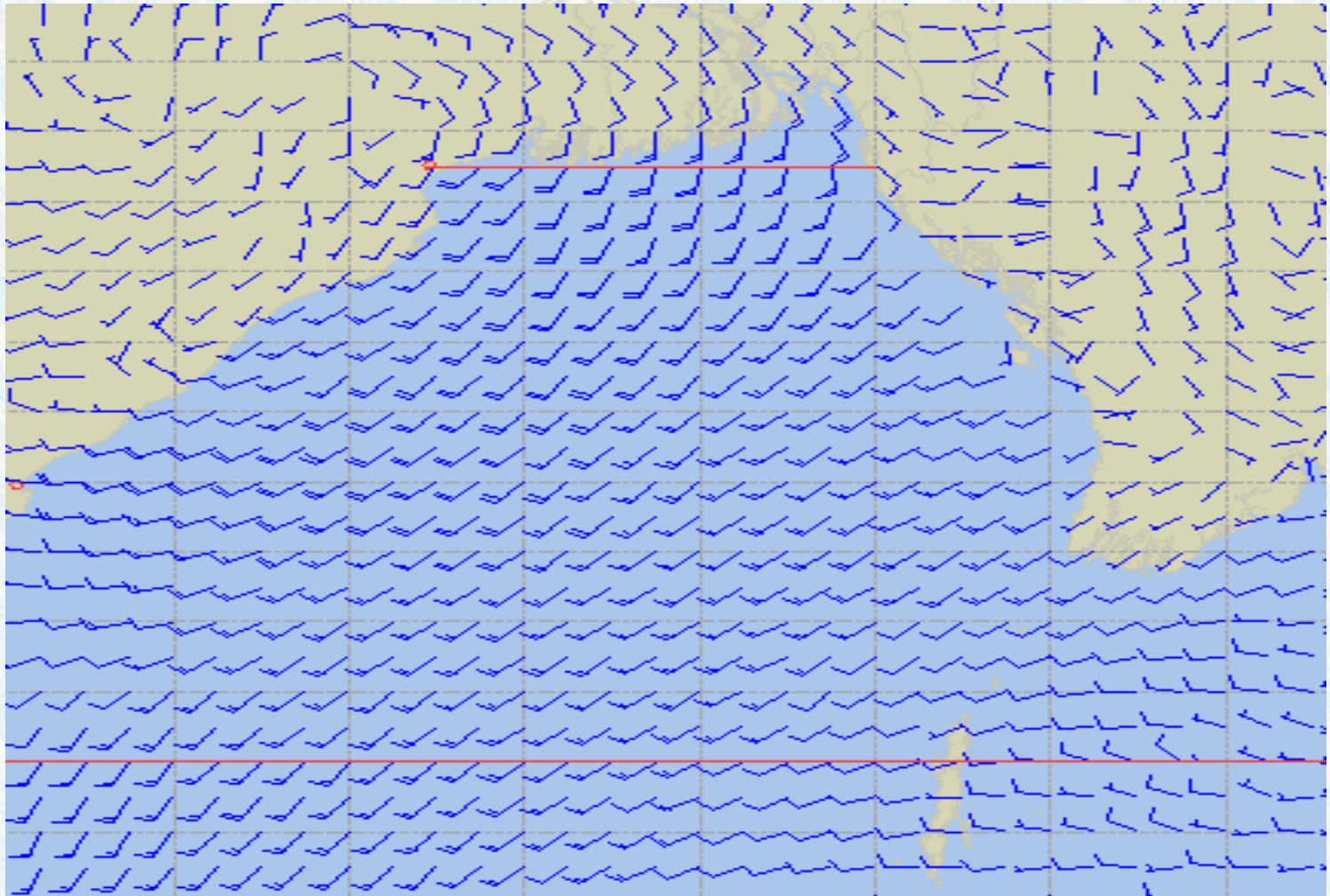
Inland River Port Warning **(VALID TILL 06 PM OF 28.08.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, MADARIPUR, FARIDPUR, DHAKA, 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- 29 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



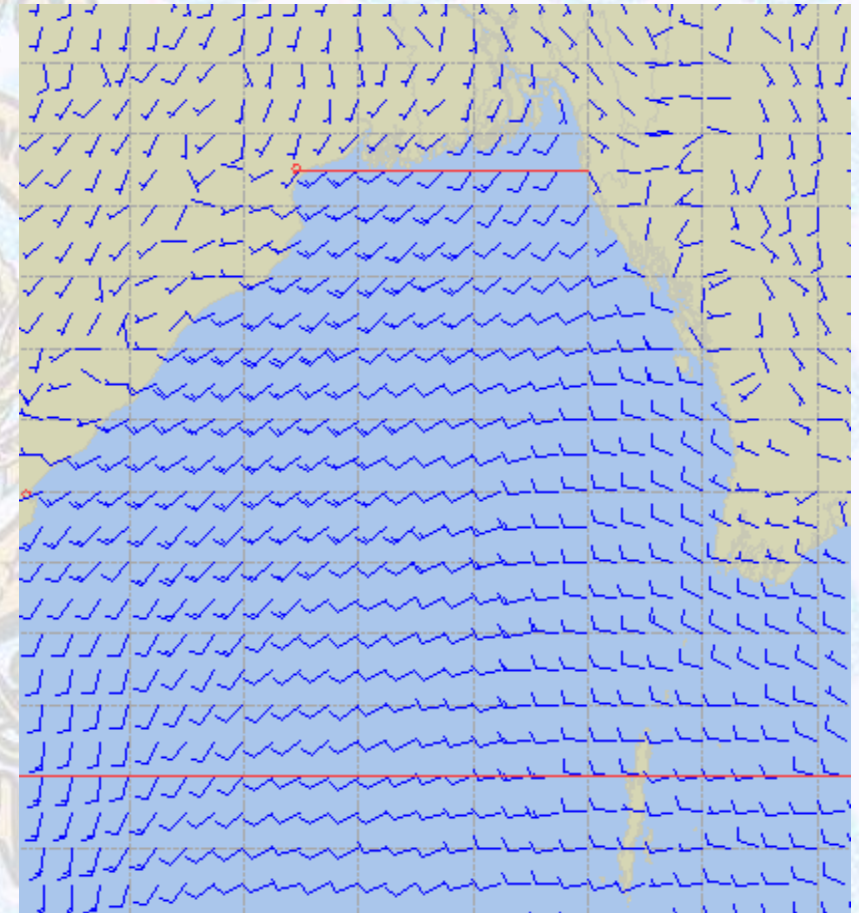
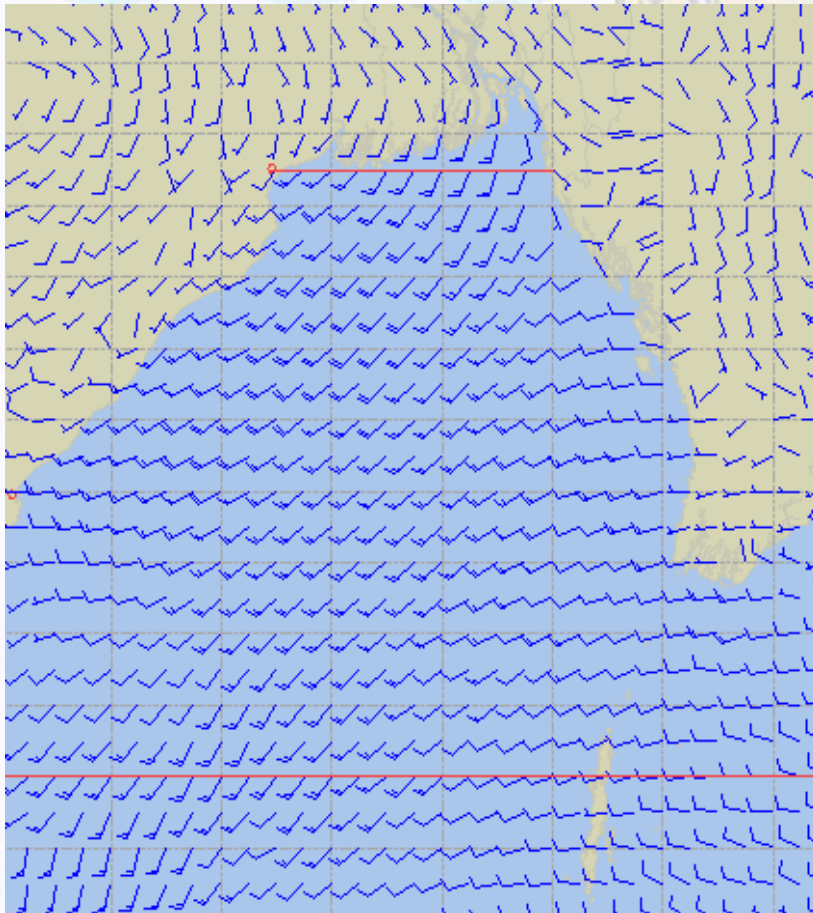
60 Knots



Surface Wind Forecast – 30 & 31 Aug - 2020

30 August 20 Sunday

31 August 20 Monday



Legend:



**Calm
Winds**



5 Knots



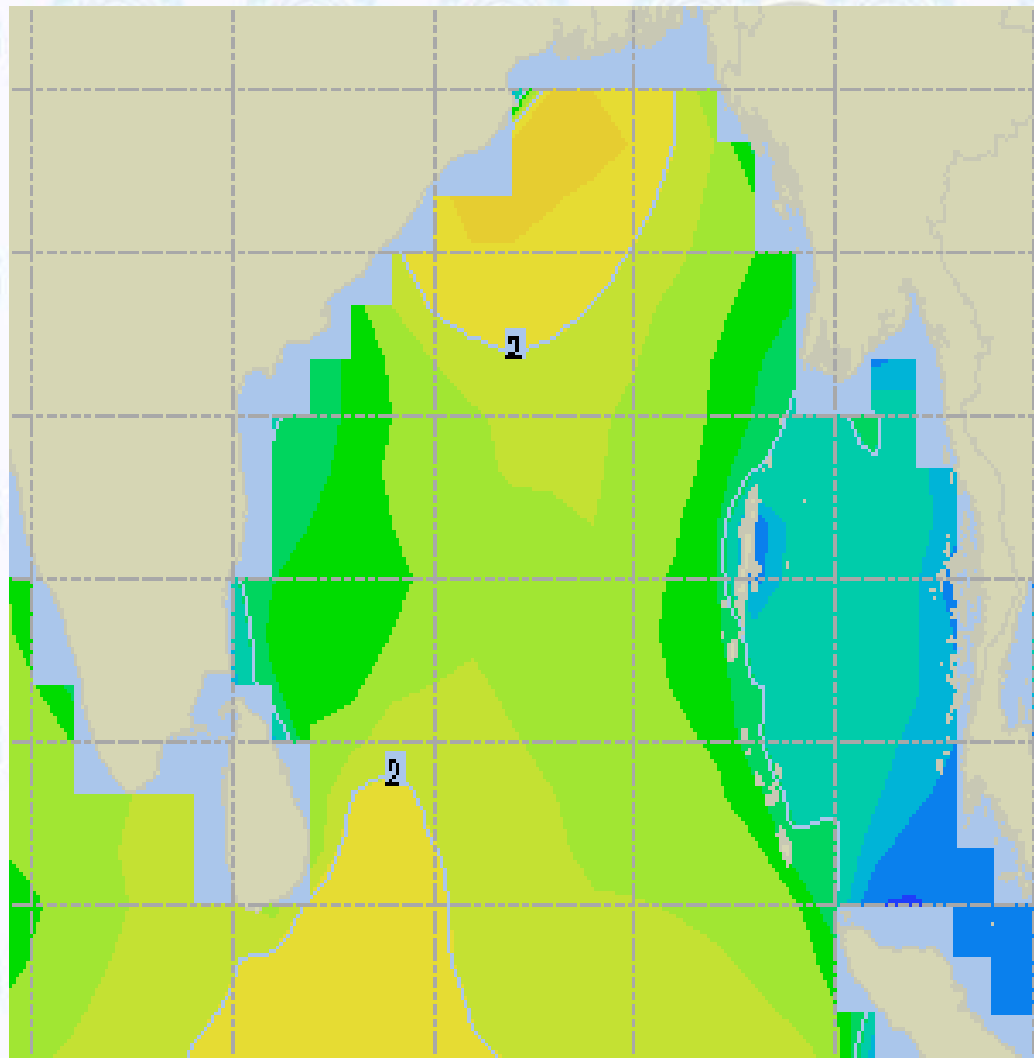
10 Knots



60 Knots



Sea State Forecast – 29 Aug- 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

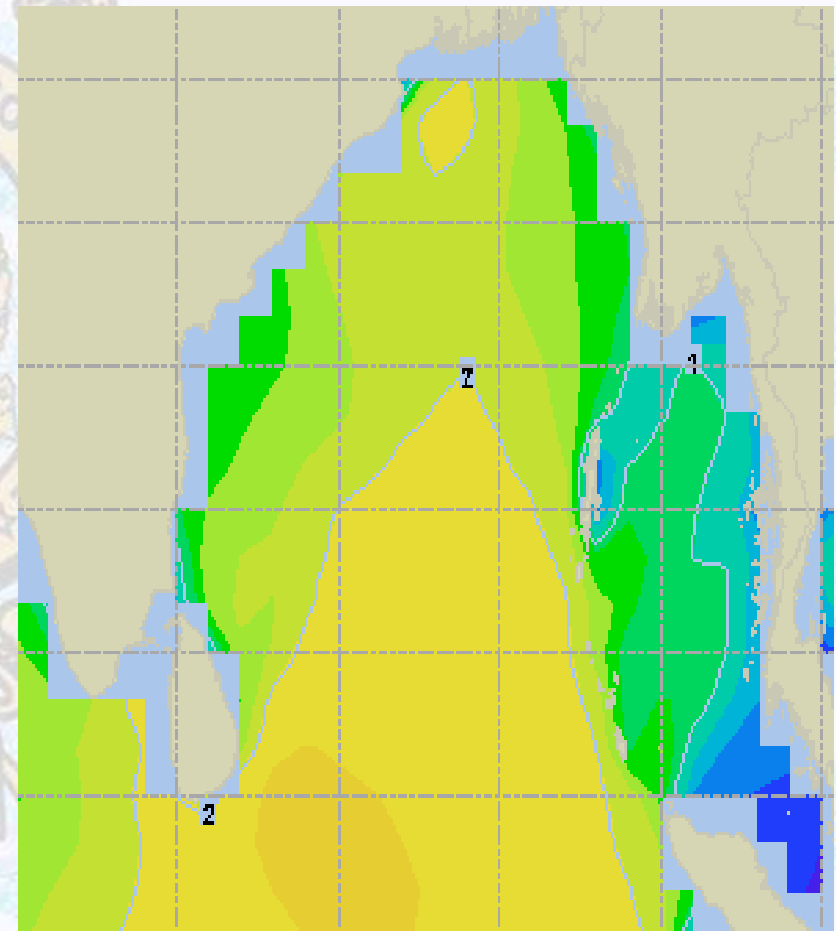
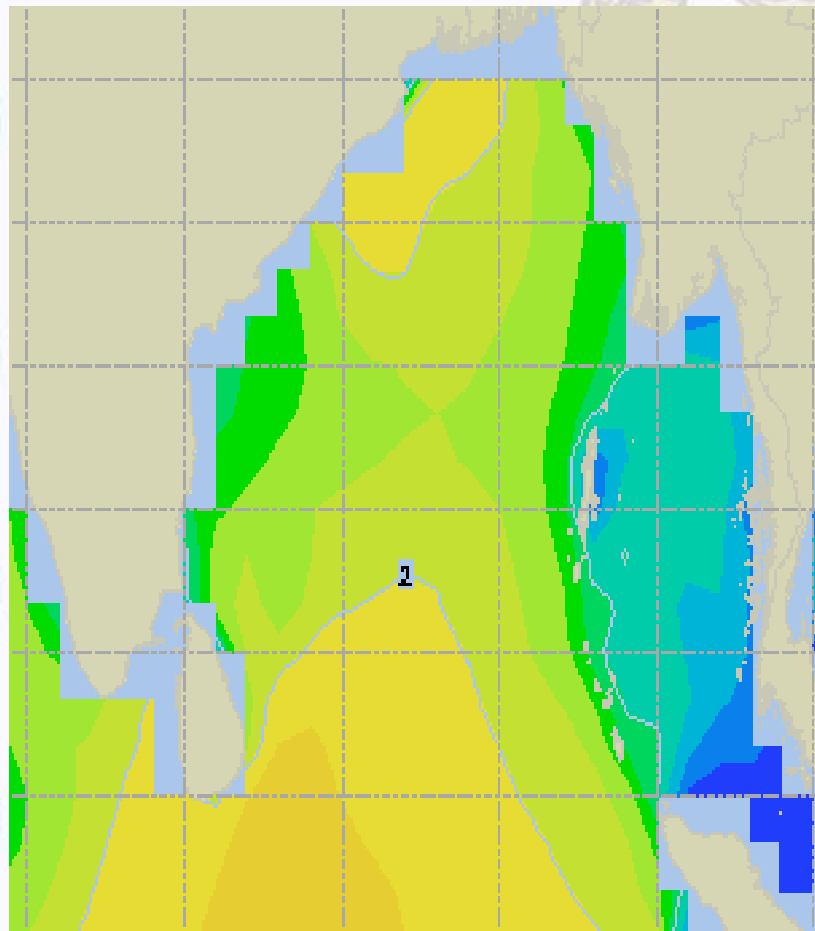




Sea State Forecast – 30 & 31 Aug - 2020

30 August 20 Sunday

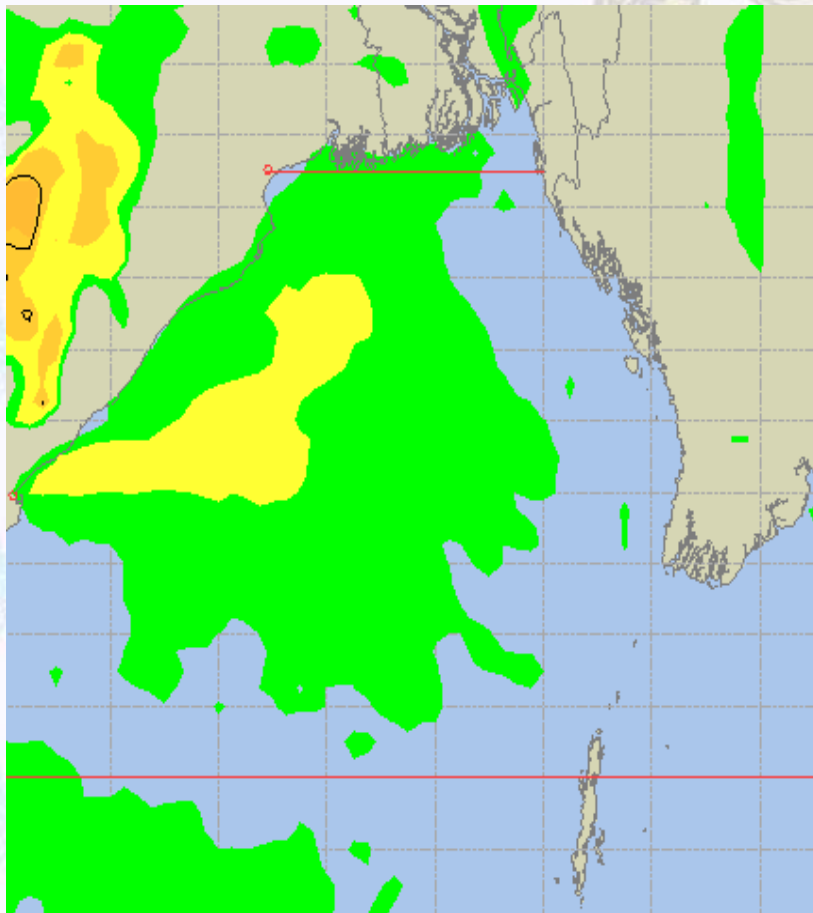
31 August 20 Monday



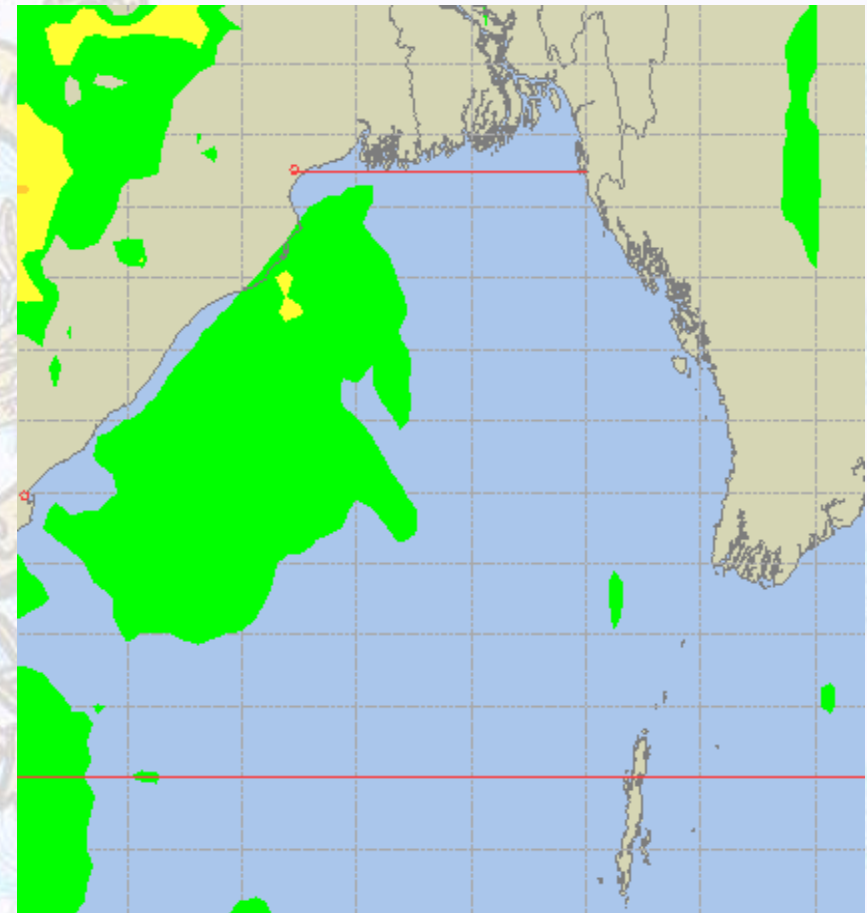


Peak Gusting Possibilities— 29 & 30 Aug 2020

29 August 20 Saturday



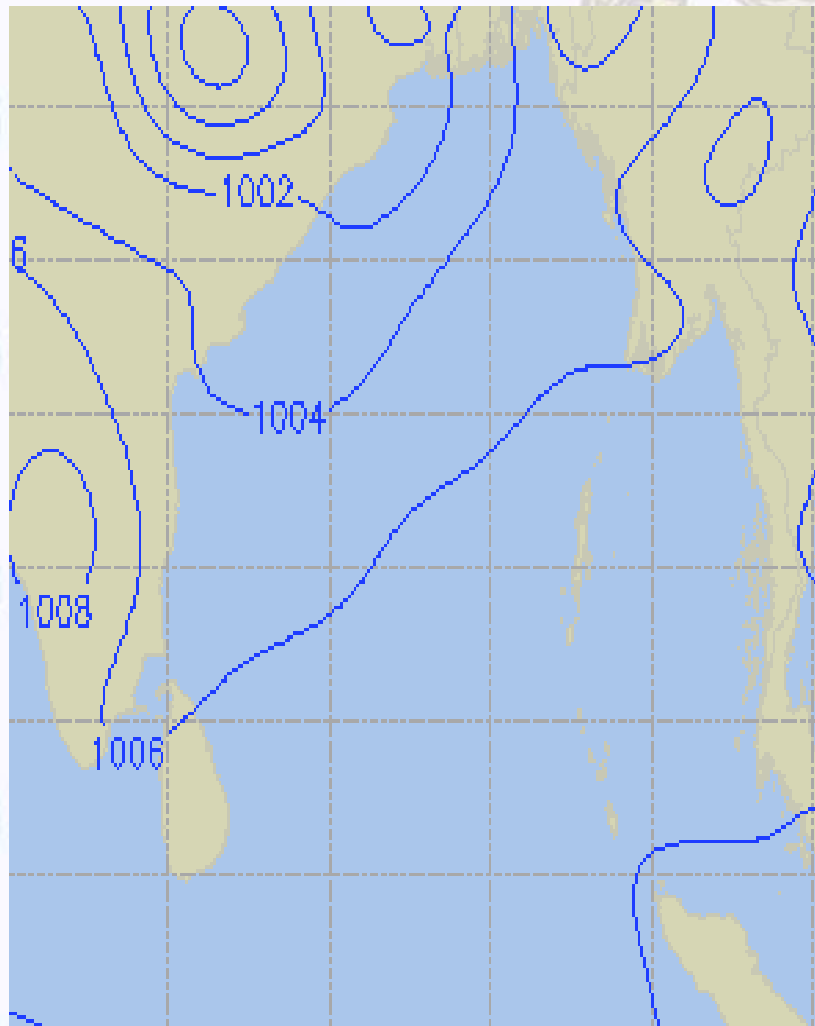
30 August 20 Sunday



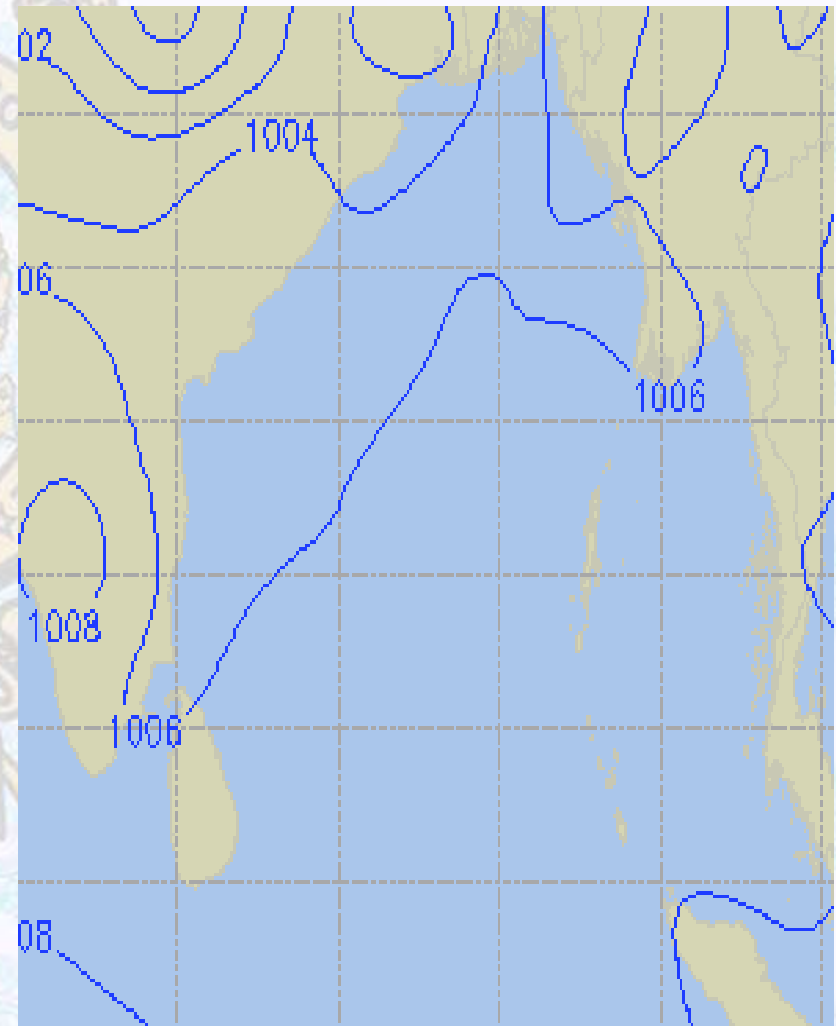


Surface Pressure forecast– 29 & 30 Aug 2020

29 August 20 Saturday



30 August 20 Sunday

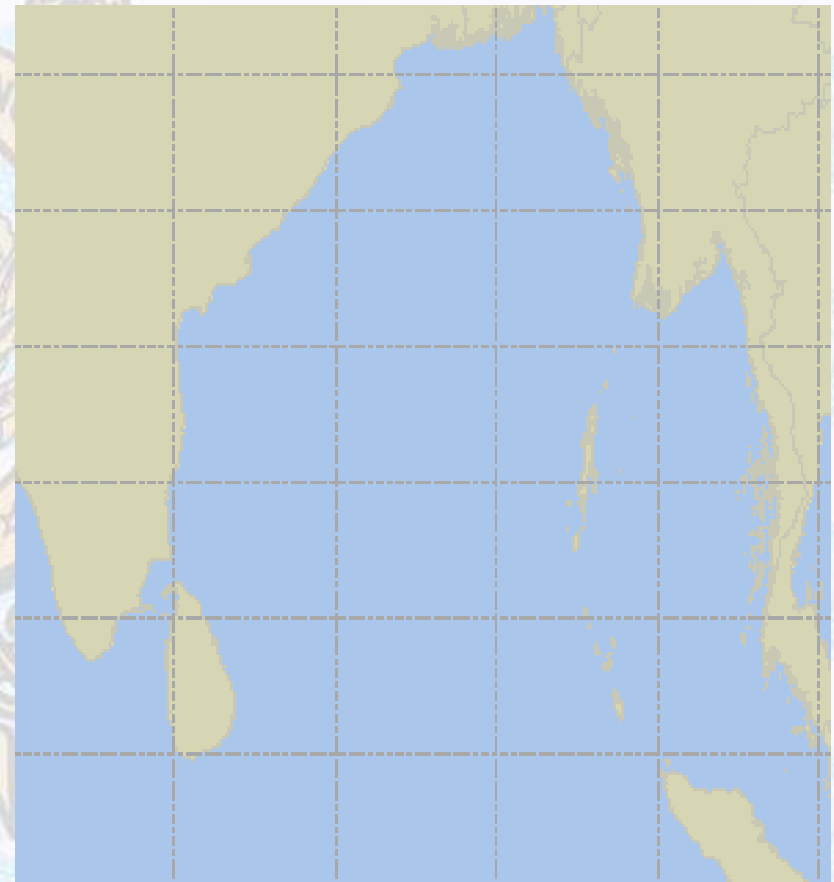
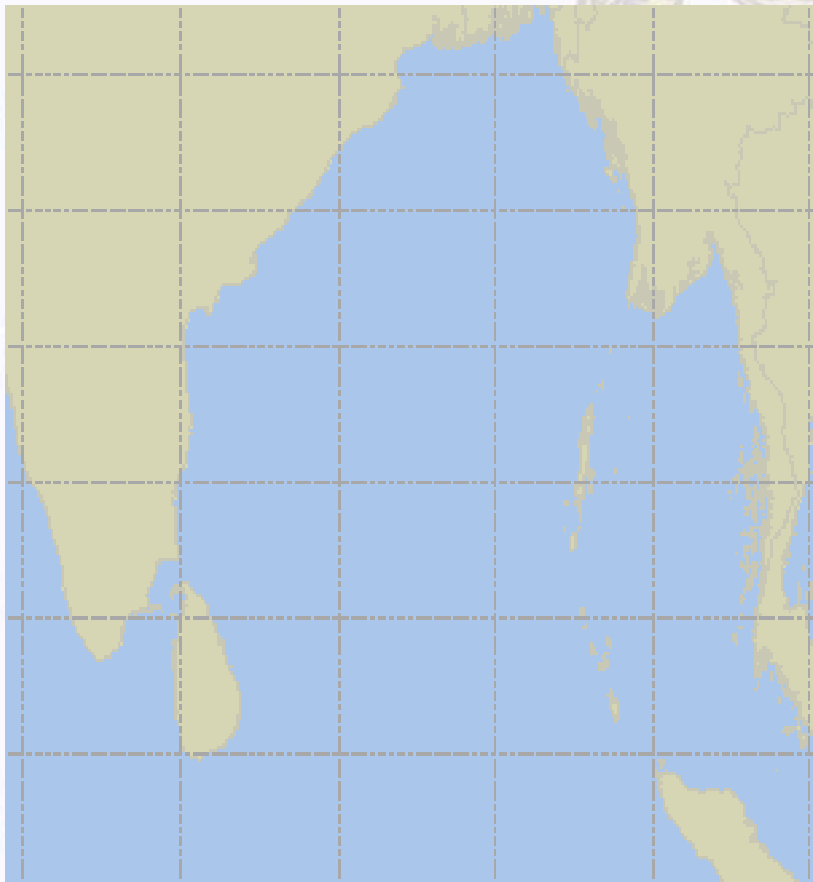




Visibility at Sea Forecast – 29 & 30 Aug 2020

29 August 20 Saturday

30 August 20 Sunday



Visibility Scale:

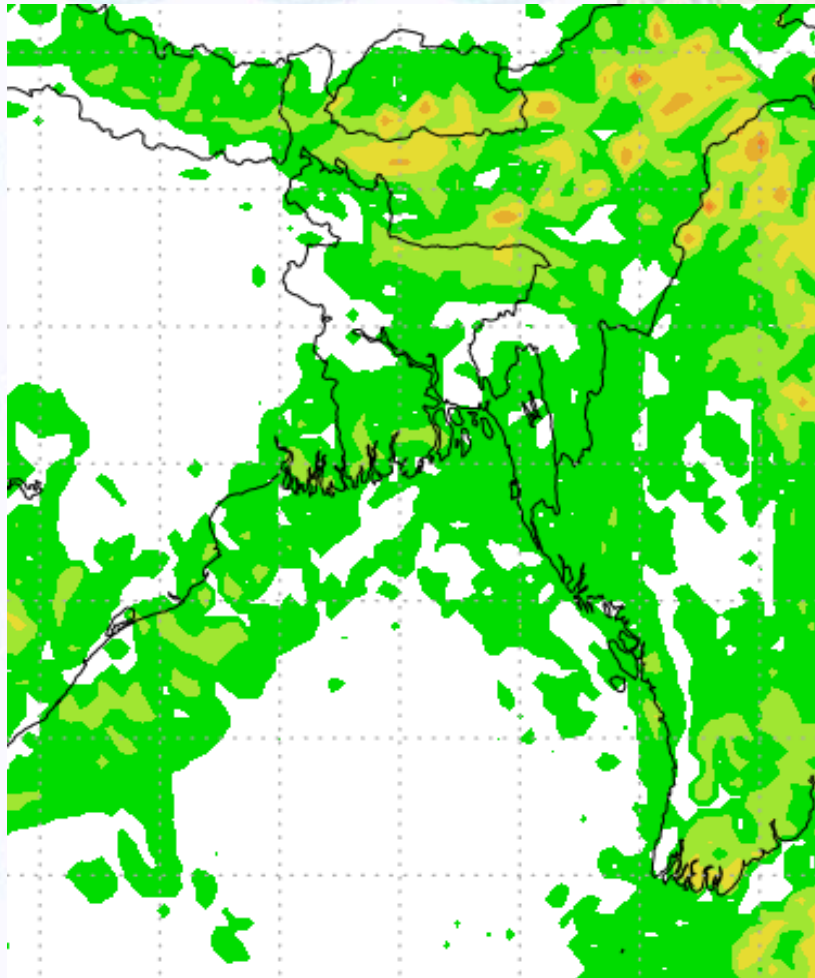


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

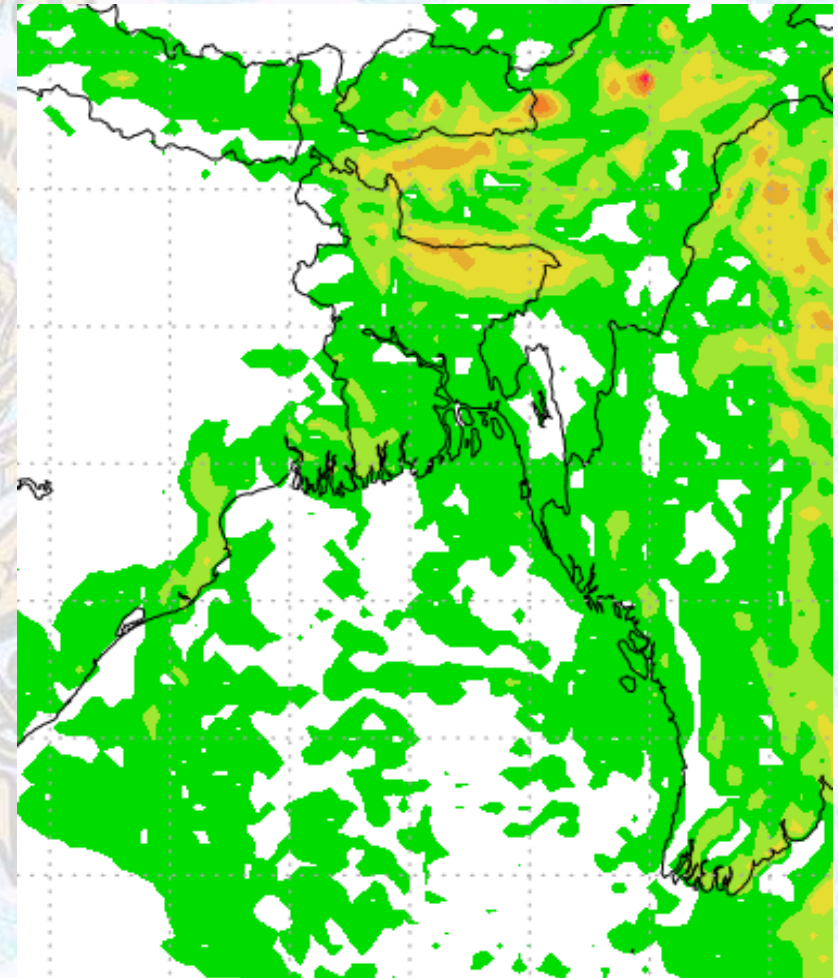


Precipitation

Rain(mm) 29 & 30 Aug 2020



Rain(mm) 30 & 31 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
29 Aug 2020	0407	1.43		0139	1.35		0126	1.50
	1024	4.46		0743	3.06		0800	2.90
	1700	1.19		1427	1.30		1433	1.47
	2307	4.39		2019	2.89		2037	2.69
30 Aug 2020	Time	Height		Time	Height		Time	Height
	0514	1.25		0247	1.24		0236	1.36
	1122	4.83		0842	3.24		0857	3.06
	1756	0.99		1525	1.18		1526	1.29
	2356	4.64		2111	3.08		2126	2.87
31 Aug 2020	Time	Height		Time	Height		Time	Height
	0606	1.05		0343	1.12		0328	1.21
	1206	5.01		0929	3.42		0941	3.19
	1840	0.85		1613	1.08		1607	1.14
	-	-		2153	3.27		2204	3.02