



WEATHER FORECAST FOR BN

15 SEP- 18 SEP 2020





WEATHER FORECAST – DHAKA

15.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	30 / 26	29 / 25	28 / 26
Wind	13 km/h S	10 km/h SSW	8 km/h S	8 km/h S
Humidity	71%	76%	82%	84%
Chance of Precip	21%	34%	9%	24%
Cloud Cover	21%	87%	92%	90%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 46 AM 18: 04 PM			

Conditions

Pressure : 1004 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

15.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	29 / 27	28 / 26	28 / 26
Wind	17 km/h SSW	12 km/h S	8 km/h S	8 km/h SE
Humidity	78%	86%	90%	90%
Chance of Precip.	20%	18%	74%	74%
Cloud Cover	82%	82%	83%	84%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 40 AM 17: 57 PM			

Conditions

Pressure : 1006 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

15.09.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31 / 28	29 / 27	29 / 27
Wind	12 km/h S	11 km/h S	7 km/h S	6 km/h S
Humidity	81%	81%	89%	91%
Chance of Precip.	46%	71%	7%	11%
Cloud Cover	74%	84%	80%	27%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	5: 50 AM 18: 07 PM			

Conditions

Pressure : 1005 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	16 Sep 2020	17 Sep 2020	18 Sep 2020
Temperature (C)	31 °C/27 °C	31 °C/27 °C	32 °C/27 °C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h45m24s/18h00m18s	5h45m12s/17h59m12s	5h46m06s/17h58m18s
Day Length	12h14m54s	12h13m30s	12h12m12s
Moon Rise/ Set	4:14AM 5:31 PM	5:20AM 6:14 PM	6:24AM 6:55 PM
Moon Phase/ illu	Waning Crescent 0%	New Moon 0%	Waxing Crescent 2%
NauticalTwilight	04:56,18:49	04:56,18:48	04:56,18:47
Civil Twilight	05:22,18:23	05:22,18:22	05:23,18:21
Humidity	D : 79% N : 85%	D : 79% N : 86%	D : 75% N : 84%
Barometer (mb)	1005	1005	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	20%	40%
Wind (mph)	12 Km/h S	10 Km/h S	6 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	16 Sep 2020	17 Sep 2020	18 Sep 2020
Temperature (C)	31 °C/ 26 °C	30 °C/ 26 °C	31 °C/ 26 °C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sun Rise/Set	5h40m00s/17h54m18s	5h40m18s/17h53m12s	5h40m36s/17h52m24s
Day Length	12h14m18s	12h12m54s	12h11m48s
Moon Rise/ Set	4:10AM 5:24 PM	5:15AM 6:07 PM	6:18AM 6:49 PM
Moon Phase/ illu	Waning Crescent 0%	New Moon 0%	Waxing Crescent 2%
NauticalTwilight	04:51, 18:43	04:51, 18:42	04:51, 18:41
Civil Twilight	05:17, 18:17	05:17, 18:16	05:17, 18:15
Humidity	D : 83% N : 92%	D : 85% N : 92%	D : 81% N : 92%
Barometer (mb)	1007	1007	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	80%	40%
Wind (mph)	15 Km/h S	9 Km/h SSW	7 Km/h WNW

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



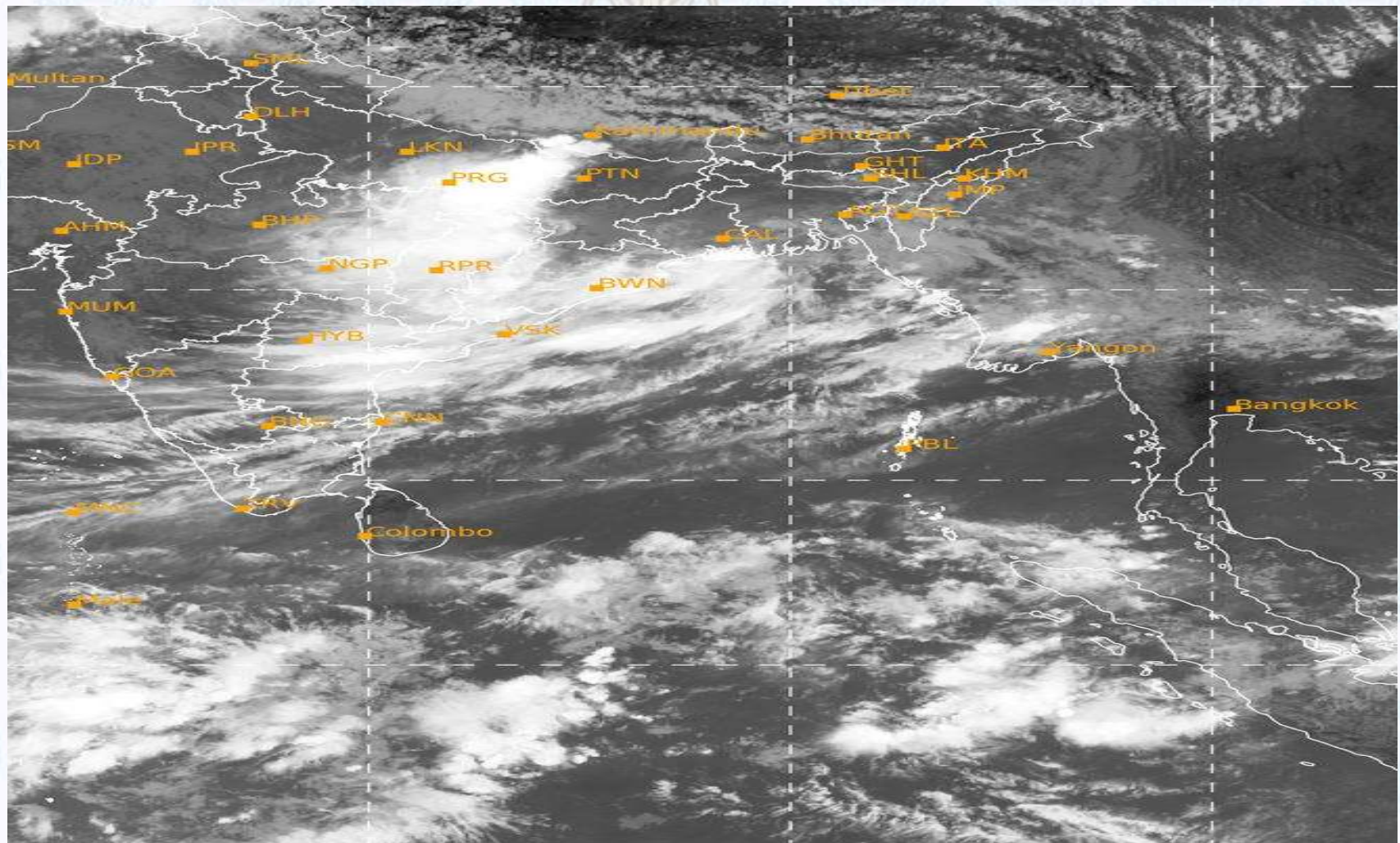
GENERAL WEATHER FORECAST – KHULNA

Description	16 Sep 2020	17 Sep 2020	18 Sep 2020
Temperature(C)	32°C/ 27°C	33°C/ 27°C	32°C/ 27°C
Summary	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sun Rise/Set	5h49m00s/18h03m30s	5h49m18s/18h02m24s	5h49m42s/18h01m36s
Day Length	12h14m30s	12h13m06s	12h11m54s
Moon Rise/Set	4:20AM 5:34 PM	5:25AM 6:17 PM	6:29AM 7:00 PM
Moon Phase/illu	Waning Crescent 0%	New Moon 0%	Waxing Crescent 2%
Nautical Twilight	05:00, 18:52	05:00, 18:51	05:00, 18:50
Civil Twilight	05:26, 18:26	05:26, 18:25	05:26, 18:24
Humidity	D : 80% N : 88%	D : 81% N : 89%	D : 78% N : 87%
Barometer (mb)	1005	1005	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	50%
Wind (mph)	14 km/h S	11 km/h SSW	8 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

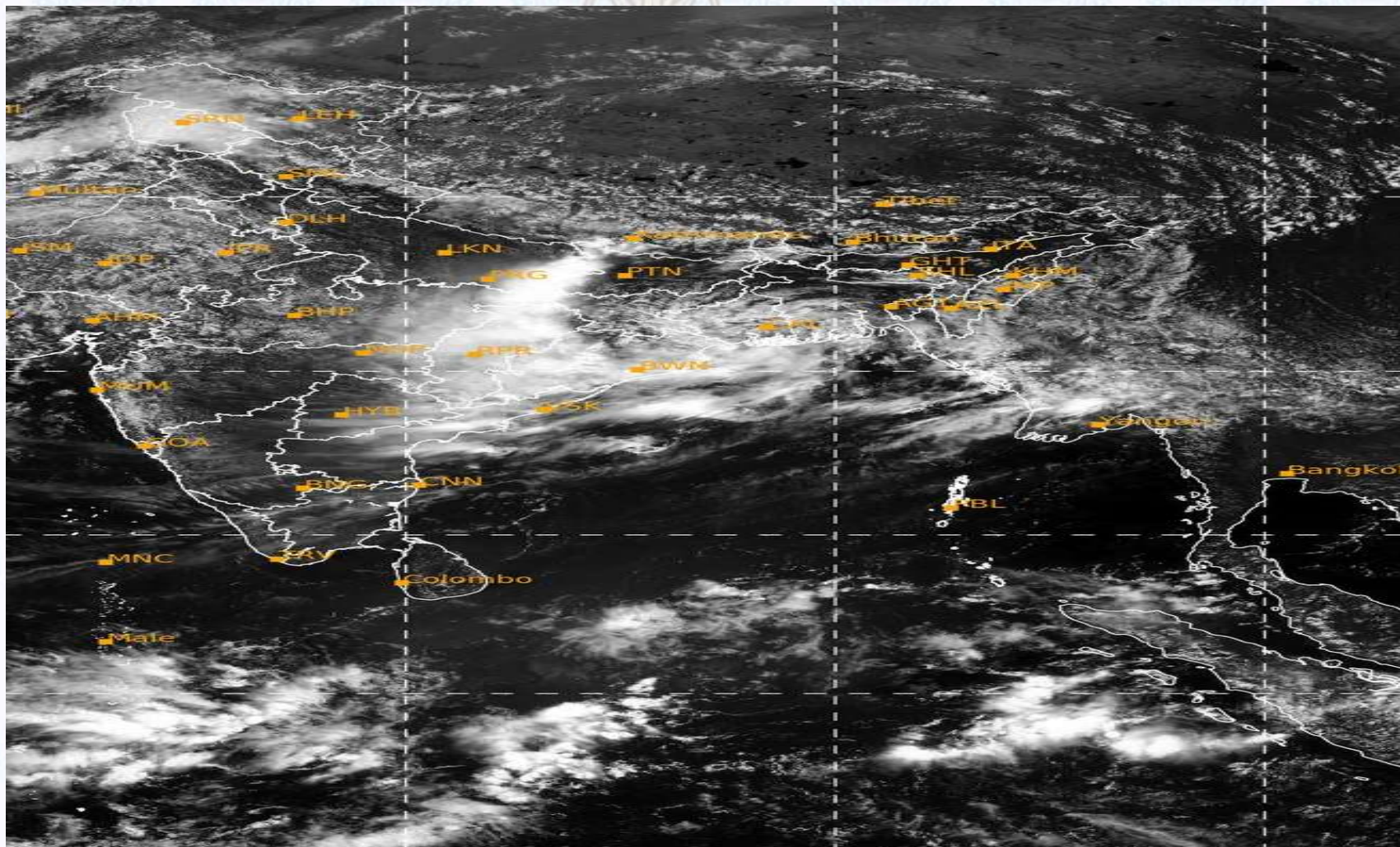


15/09/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



15/09/2020, 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 15.09.2020)

Part One	NO STORM WARNING.	
Part Two	THE WELL MARKED LOW OVER WEST CENTRAL BAY AND ADJOINING ANDHRA PRADESH COAST NOW LIES OVER WEST CENTRAL BAY AND ADJOINING NORTH ANDHA COAST. ITS ASSOCIATED TROUGH EXTENDS UP TO NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH /SOUTH-EASTERLY 08-12KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 15,0000 UTC. CHATTOGRAM =1006 HPA



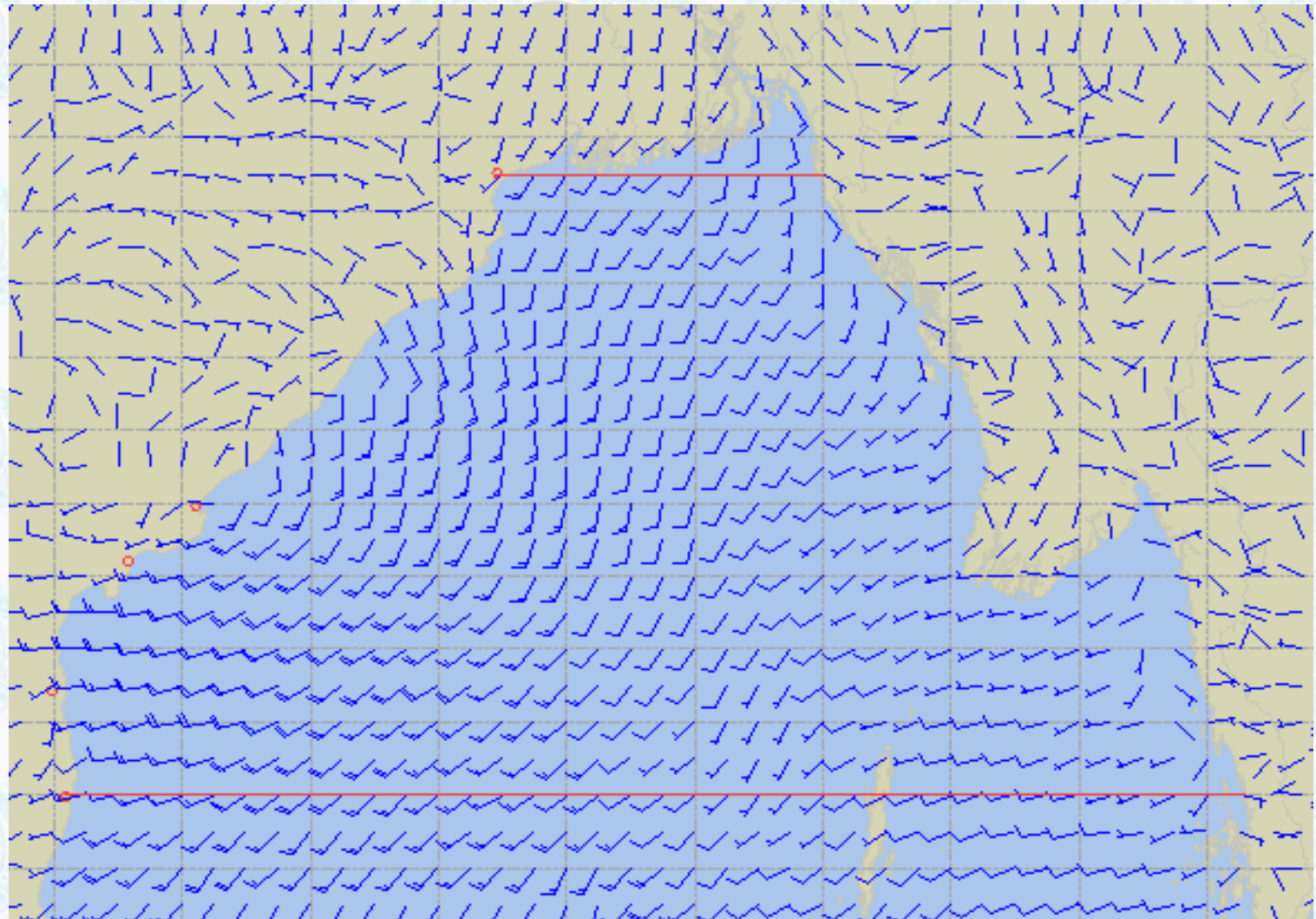
Inland River Port Warning **(VALID TILL 06 PM OF 15.09.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **SOUTH/SOUTH-EASTERLY** GUSTY/SQUALLY WIND SPEED **45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF KHULNA, BARISHAL, PATUAKHALI, MYMENSINGH AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 16 Sep- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



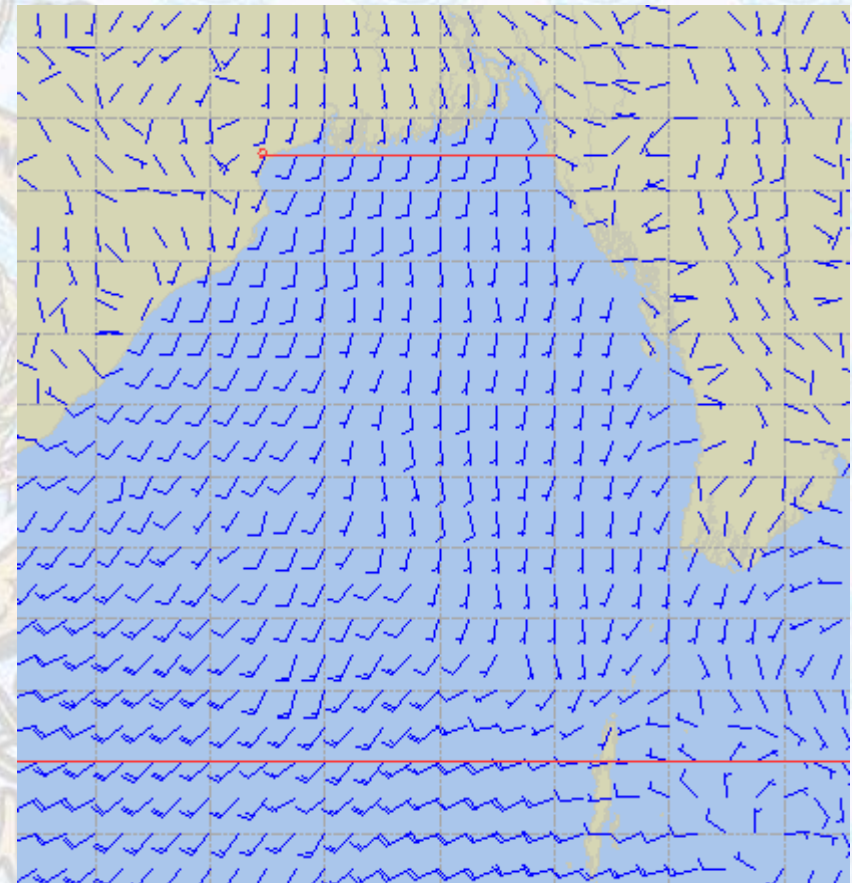
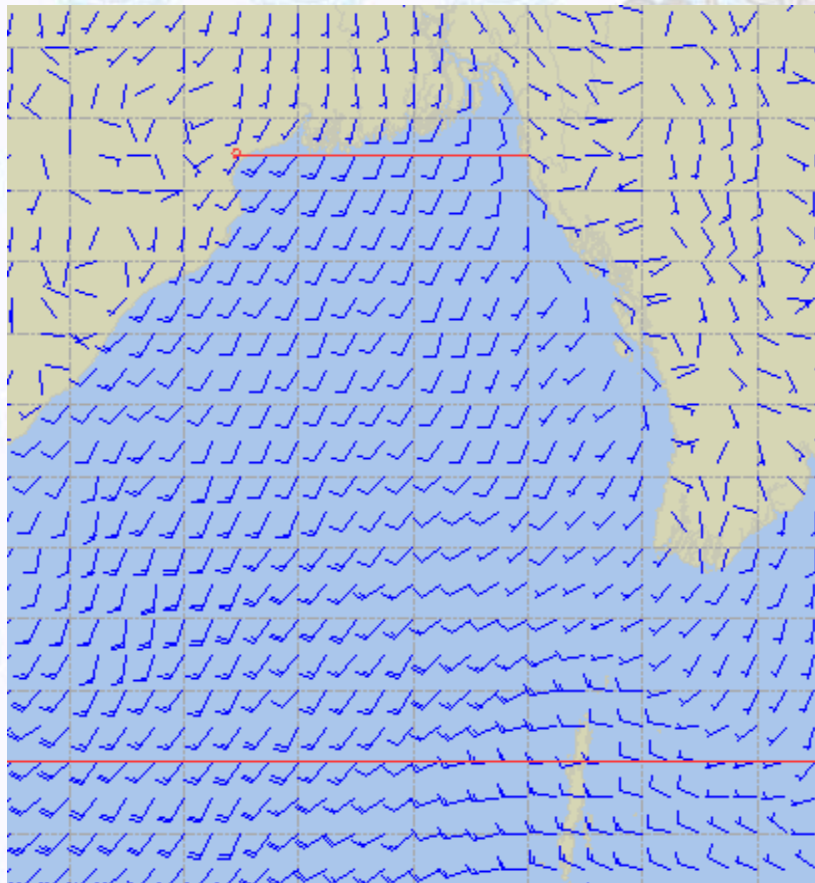
60 Knots



Surface Wind Forecast – 17 & 18 Sep - 2020

17 Sep 20 Thursday

18 Sep 20 Friday



Legend:



Calm
Winds



5 Knots



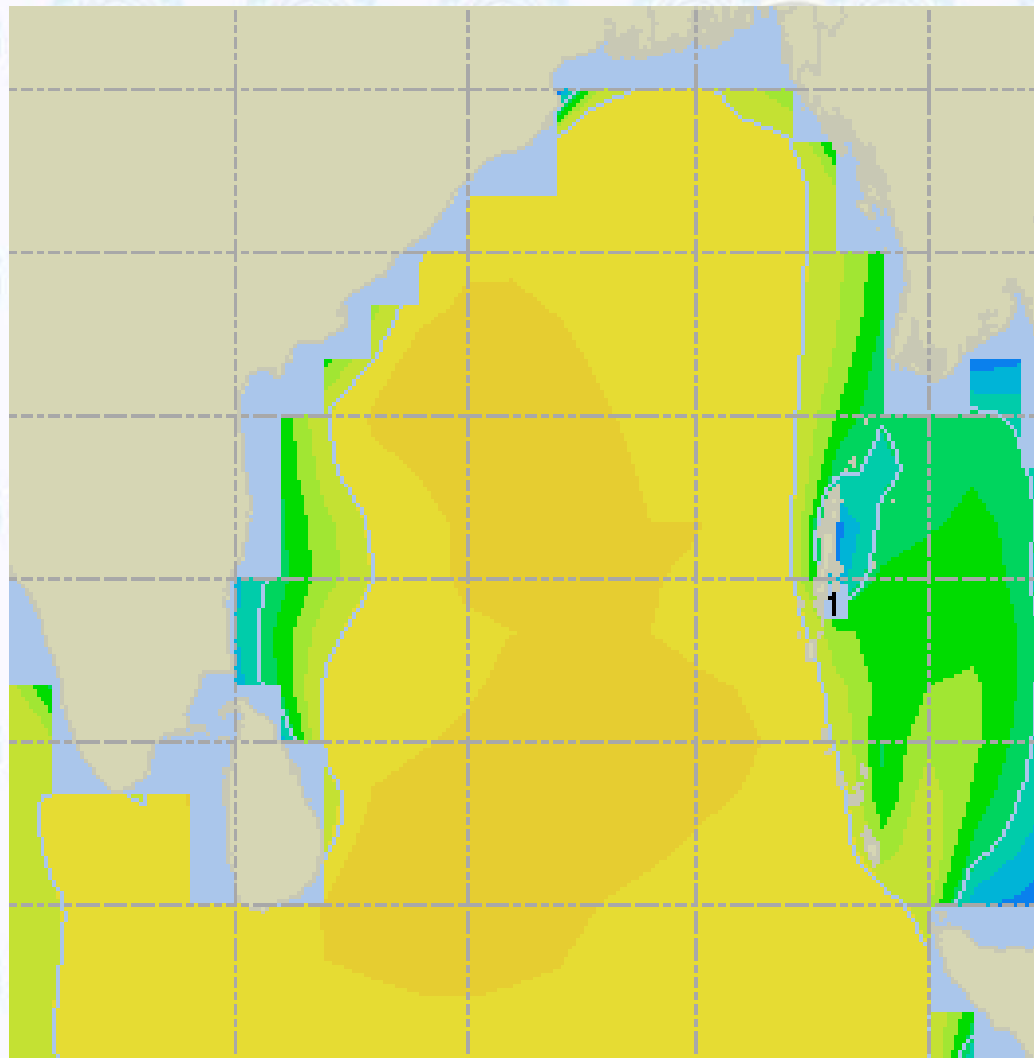
10 Knots



60 Knots



Sea State Forecast – 16 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

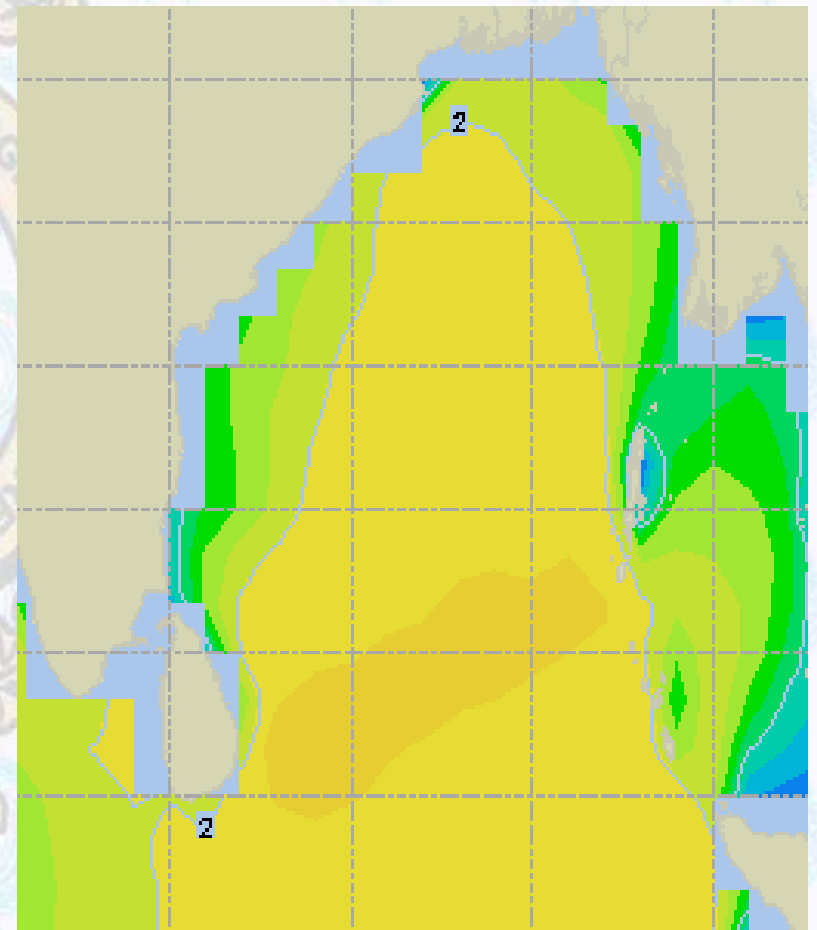
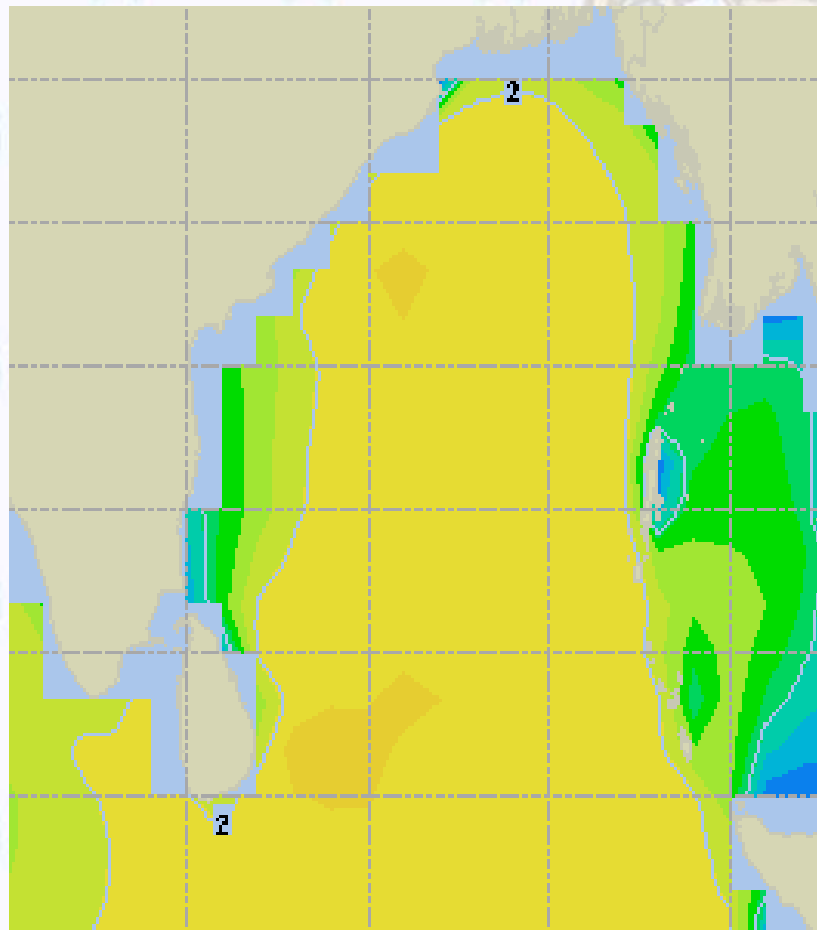




Sea State Forecast – 17 & 18 Sep - 2020

17 Sep 20 Thursday

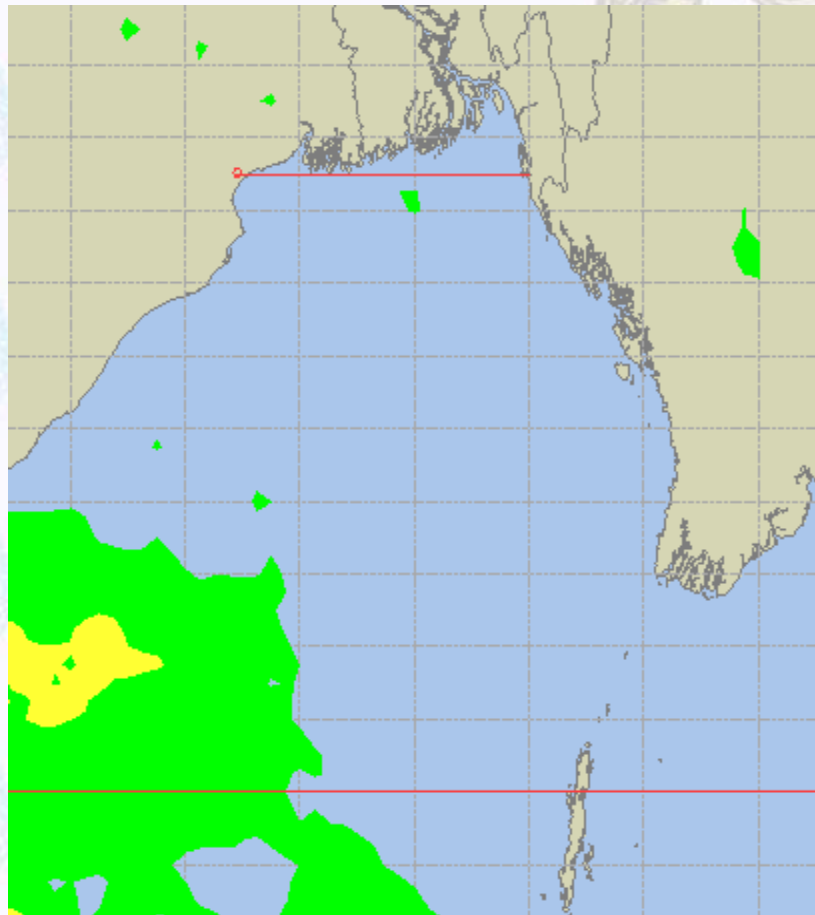
18 Sep 20 Friday



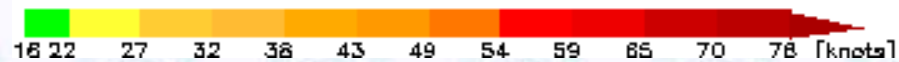
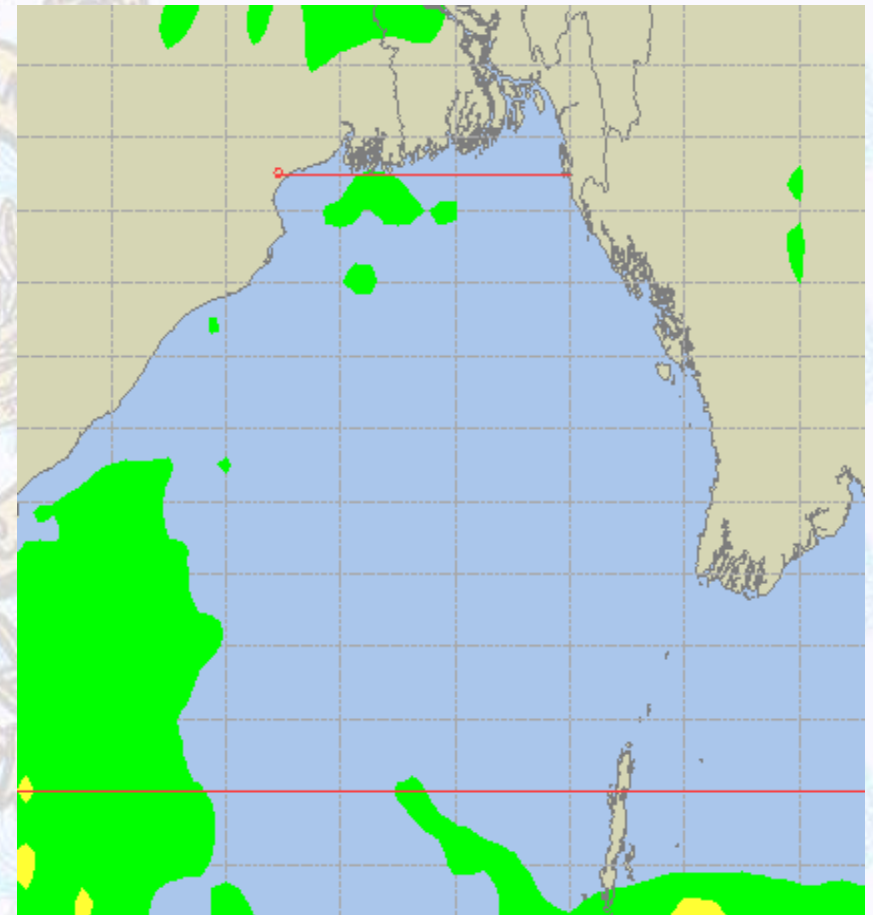


Peak Gusting Possibilities— 16 & 17 Sep 2020

16 Sep 20 Wednesday



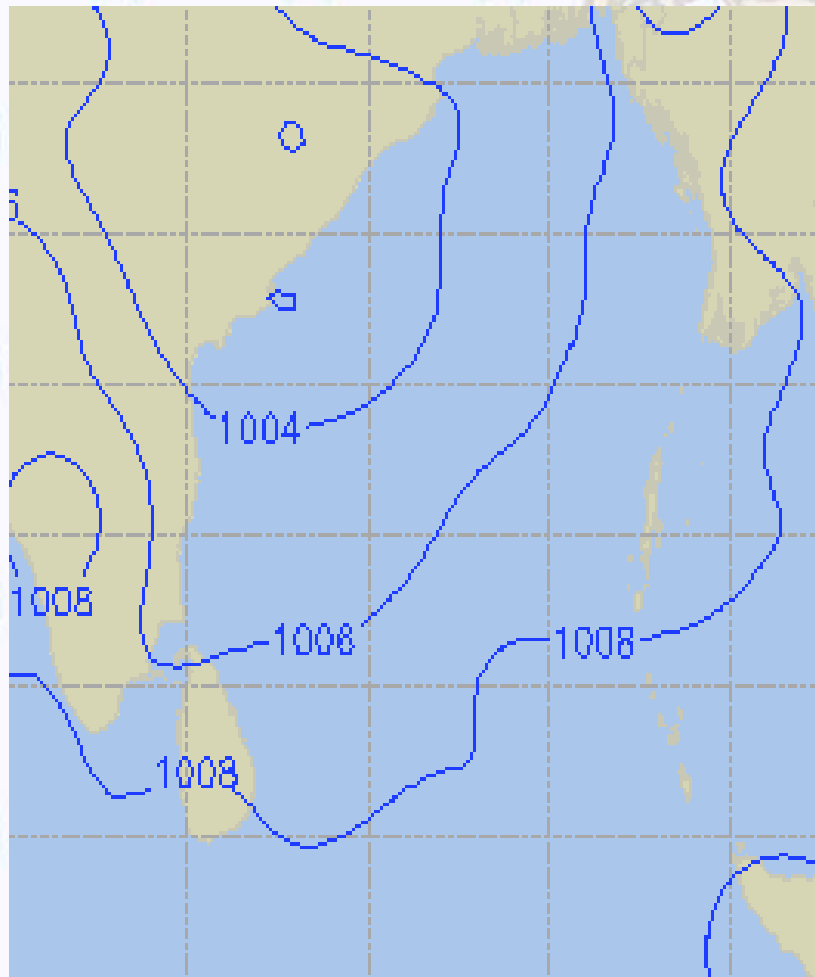
17 Sep 20 Thursday



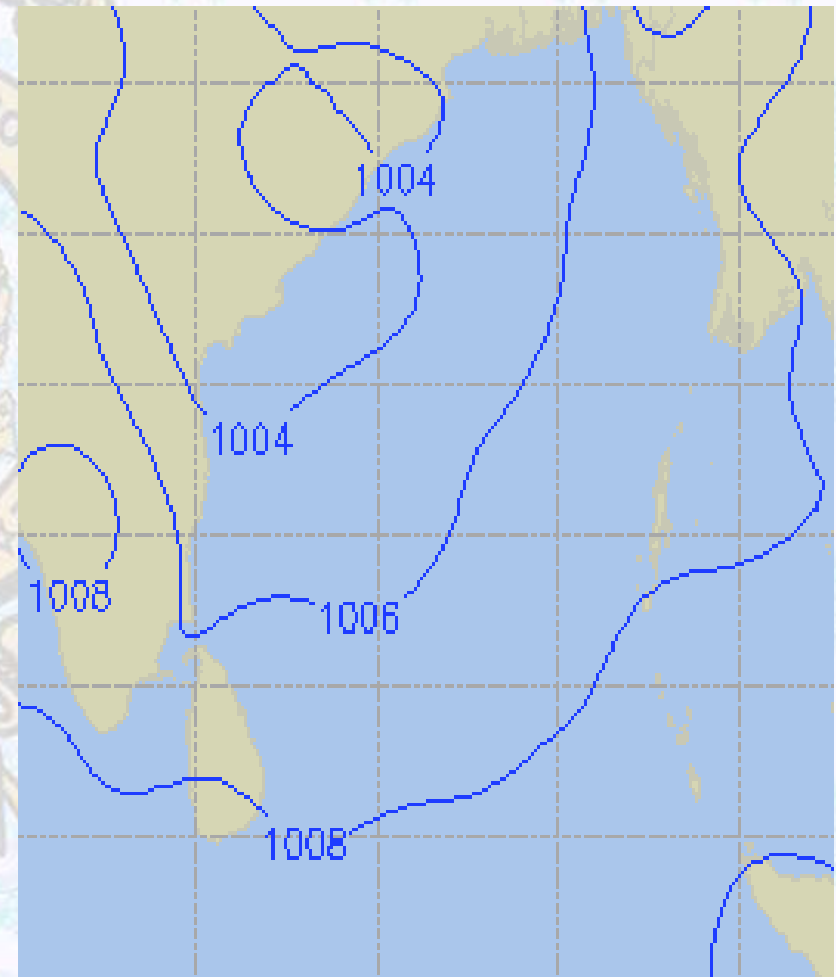


Surface Pressure forecast– 16 & 17 Sep 2020

16 Sep 20 Wednesday



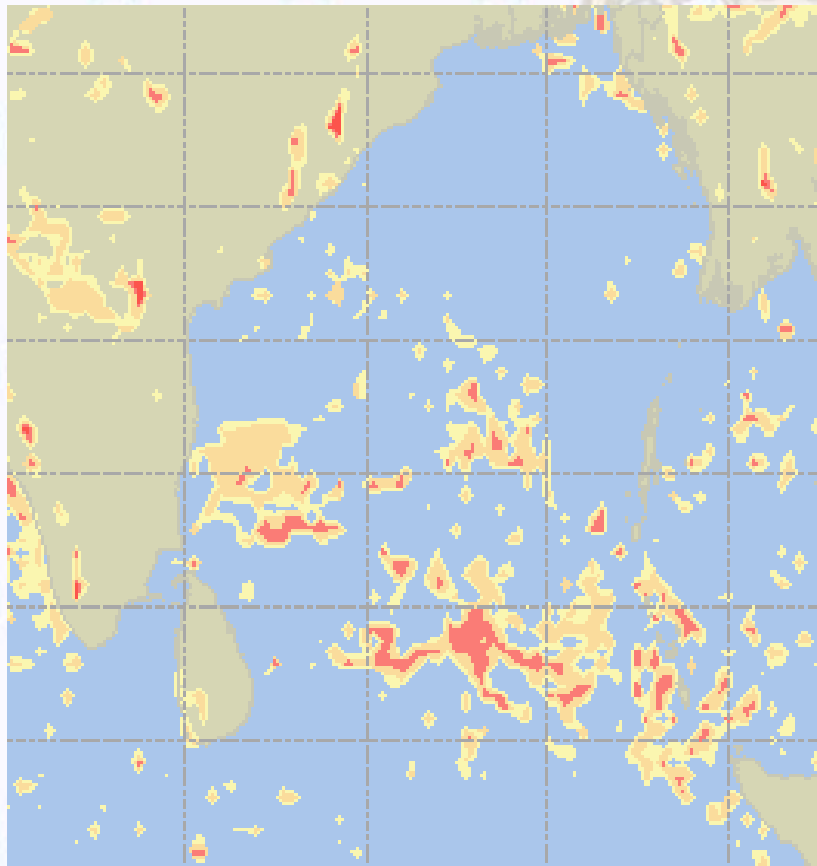
17 Sep 20 Thursday



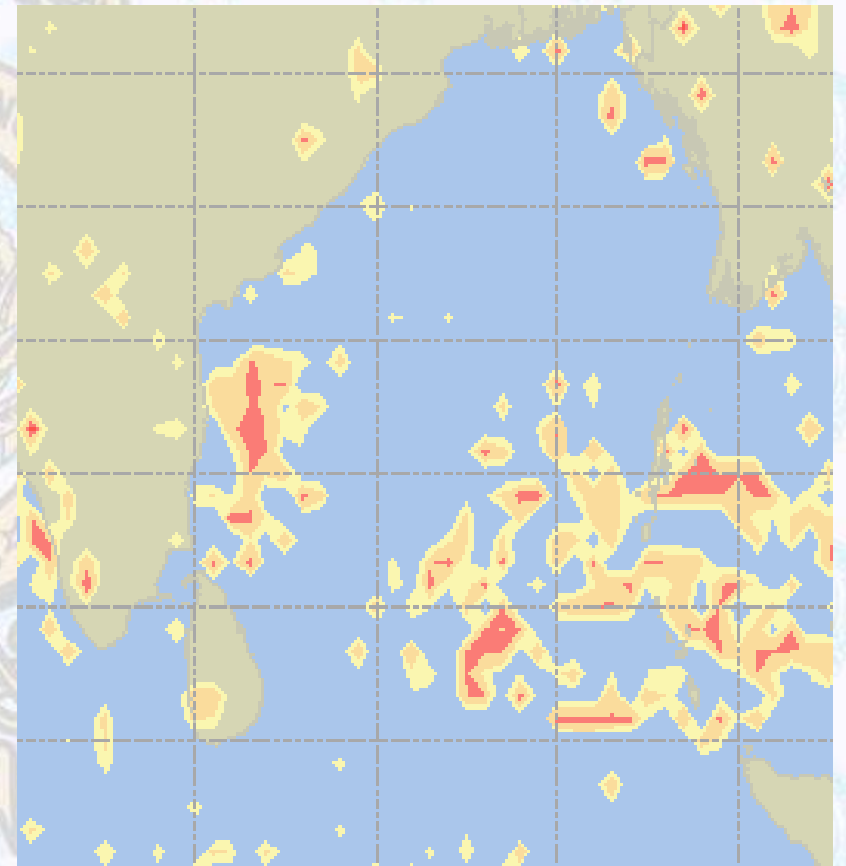


Visibility at Sea Forecast – 16 & 17 Sep 2020

16 Sep 20 Wednesday



17 Sep 20 Thursday



Visibility Scale:

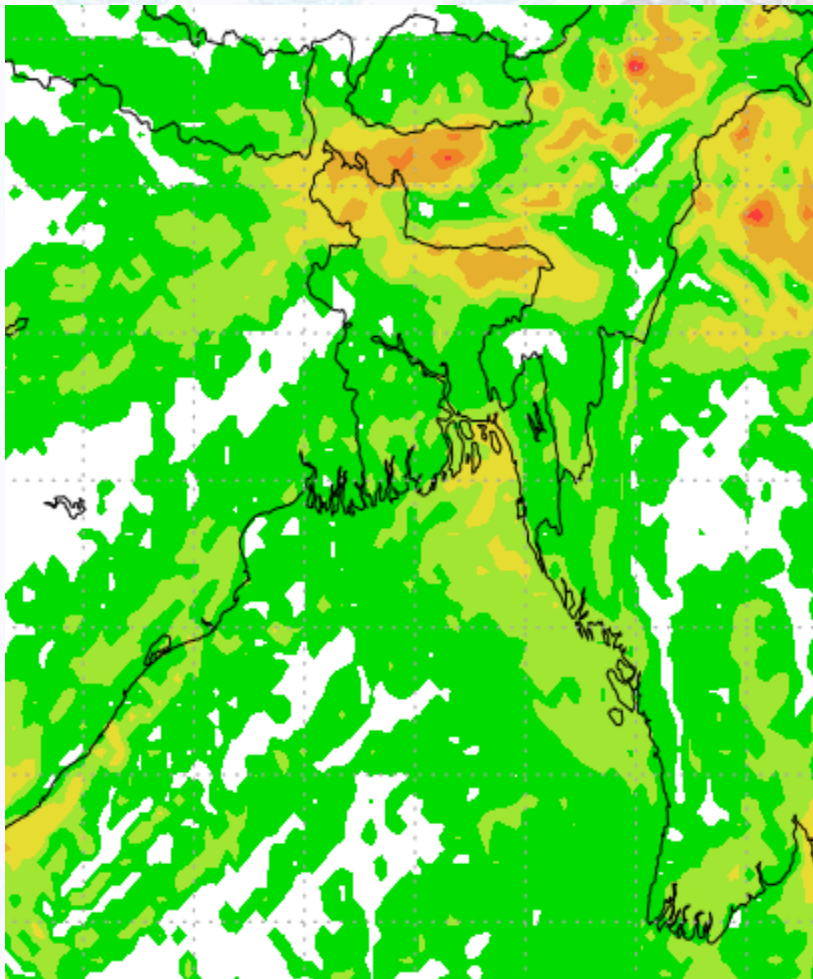


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

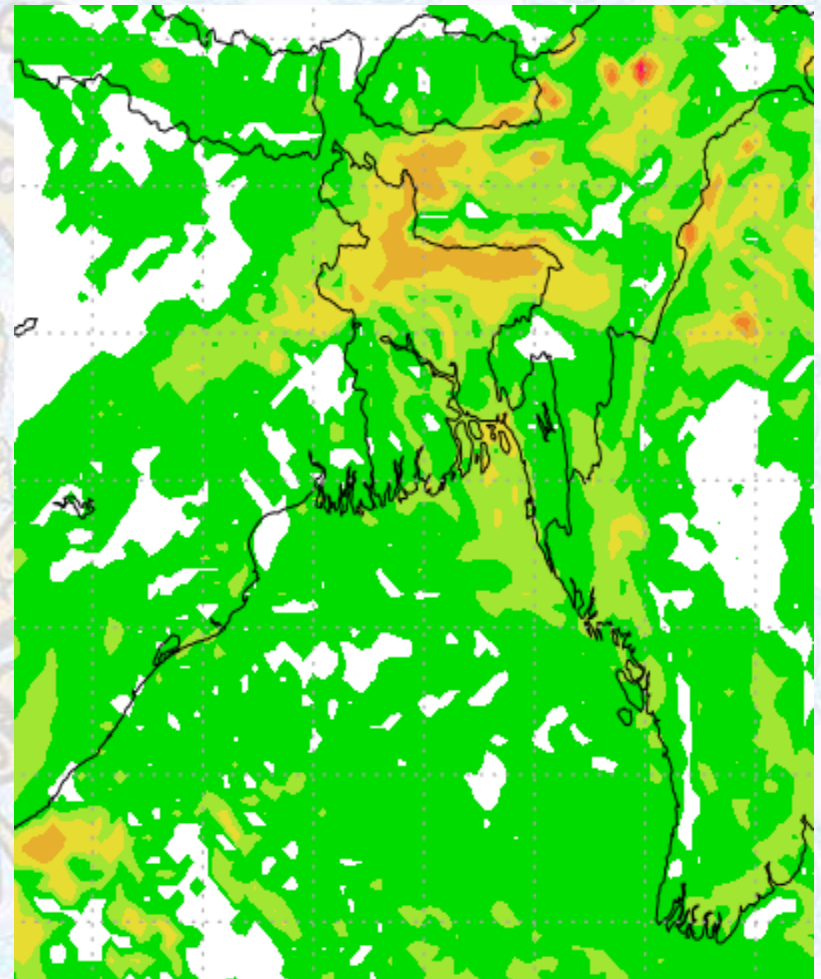


Precipitation

Rain(mm) 16 & 17 Sep 2020



Rain(mm) 17 & 18 Sep 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
16 Sep 2020	0618	0.91		0358	1.01		0334	0.97
	1204	5.21		0942	3.70		0938	3.35
	1849	0.73		1624	0.89		1609	0.82
	-	-		2201	3.64		2206	3.30
17 Sep 2020	Time	Height		Time	Height		Time	Height
	0033	5.14		0444	0.85		0420	0.78
	0702	0.67		1022	3.88		1019	3.46
	1244	5.40		1707	0.75		1648	0.64
	1929	0.54		2241	3.83		2244	3.45
18 Sep 2020	Time	Height		Time	Height		Time	Height
	0110	5.36		0527	0.74		0502	0.65
	0743	0.51		1102	3.97		1058	3.51
	1322	5.51		1748	0.66		1726	0.53
	2006	0.41		2321	3.91		2323	3.53