



WEATHER FORECAST FOR BN

28 JUNE - 01 JULY 2021





WEATHER FORECAST – DHAKA

28.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C/ 25°C	31°C/ 25°C	29°C/ 25°C	29°C/ 25°C
Wind	18 km/h SSW	18 km/h SSW	14 km/h S	15 km/h SSW
Humidity	70%	70%	77%	79%
Chance of Precip	77%	38%	39%	32%
Cloud Cover	82%	82%	88%	88%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise / Sunset	0513 / 1849			

Conditions

Pressure : 1007 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

28.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29°C / 26°C	29°C / 26°C	28°C / 27°C	28°C / 26°C
Wind	13 km/h SSW	14 km/h SSW	11 km/h SSW	11 km/h S
Humidity	85%	84%	91%	92%
Chance of Precip.	18%	35%	54%	55%
Cloud Cover	91%	87%	92%	93%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Light Rain	Light Rain
Sunrise / Sunset	0511 / 1840			

Conditions

Pressure : 1008 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

28.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C / 27°C	31°C / 27°C	30°C / 26°C	29°C / 26°C
Wind	16 km/h SSW	17 km/h SSW	13 km/h SSW	13 m/h SSW
Humidity	78%	77%	84%	86%
Chance of Precip.	50%	12%	9%	11%
Cloud Cover	92%	90%	74%	75%
Conditions	Cloudy	Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise/ Sunset	0519 / 1851			

Conditions

Pressure : 1007 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	29 Jun 2021	30 Jun 2021	01 July 2021
Temperature (C)	31°C / 27°C	29°C / 27°C	30°C / 27°C
Summary	Rain	Rain	Cloudy/ Light Rain
Sun Rise/Set	5h14m00s/18h49m48s	5h14m12s/18h49m48s	5h14m52s/18h49m28s
Day Length	13h35m48s	13h35m36s	13h35m06s
Moon Rise/ Set	10:52PM / 9:39AM	11:27PM / 10:35AM	11:59PM/ 11:29AM
Moon Phase/ illu	Waning Gibbous, 74%	Waning Gibbous, 64%	Waning Gibbous, 54%
Nautical Twilight	04:13, 19:48	04:13, 19:48	04:22, 19:48
Civil Twilight	04:42, 19:15	04:42, 19:15	04:52, 19:18
Humidity	D : 77% N : 84%	D : 84% N : 87%	D : 84% N : 87%
Barometer (mb)	1003	1002	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	92%	78%
Wind (km/hr)	19 Km/h, SSW	16 Km/h, SSW	14 Km/h, SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	29 Jun 2021	30 Jun 2021	01 July 2021
Temperature (C)	29°C/ 26°C	29°C/ 26°C	28°C/ 25°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Rain
Sun Rise/Set	5h11m30s/ 18h40m42s	5h11m42s/ 18h40m42s	5h12m02s/ 18h40m32s
Day Length	13h29m12s	13h29m00s	13h28m30s
Moon Rise/ Set	10:45PM / 9:35AM	11:20PM / 10:30AM	11:53PM/ 11:24AM
Moon Phase/ illu	Waning Gibbous, 74%	Waning Gibbous, 64%	Waning Gibbous, 54%
Nautical Twilight	04:11, 19:37	04:11, 19:37	04:17, 19:35
Civil Twilight	04:42, 19:06	04:42, 19:06	04:47, 19:05
Humidity	D : 90% N : 93%	D : 93% N : 95%	D : 93% N : 95%
Barometer (mb)	1006	1004	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	67%	89%	95%
Wind (km/hr)	17 Km/h, SSW	19 Km/h, SSW	18 Km/h, S

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



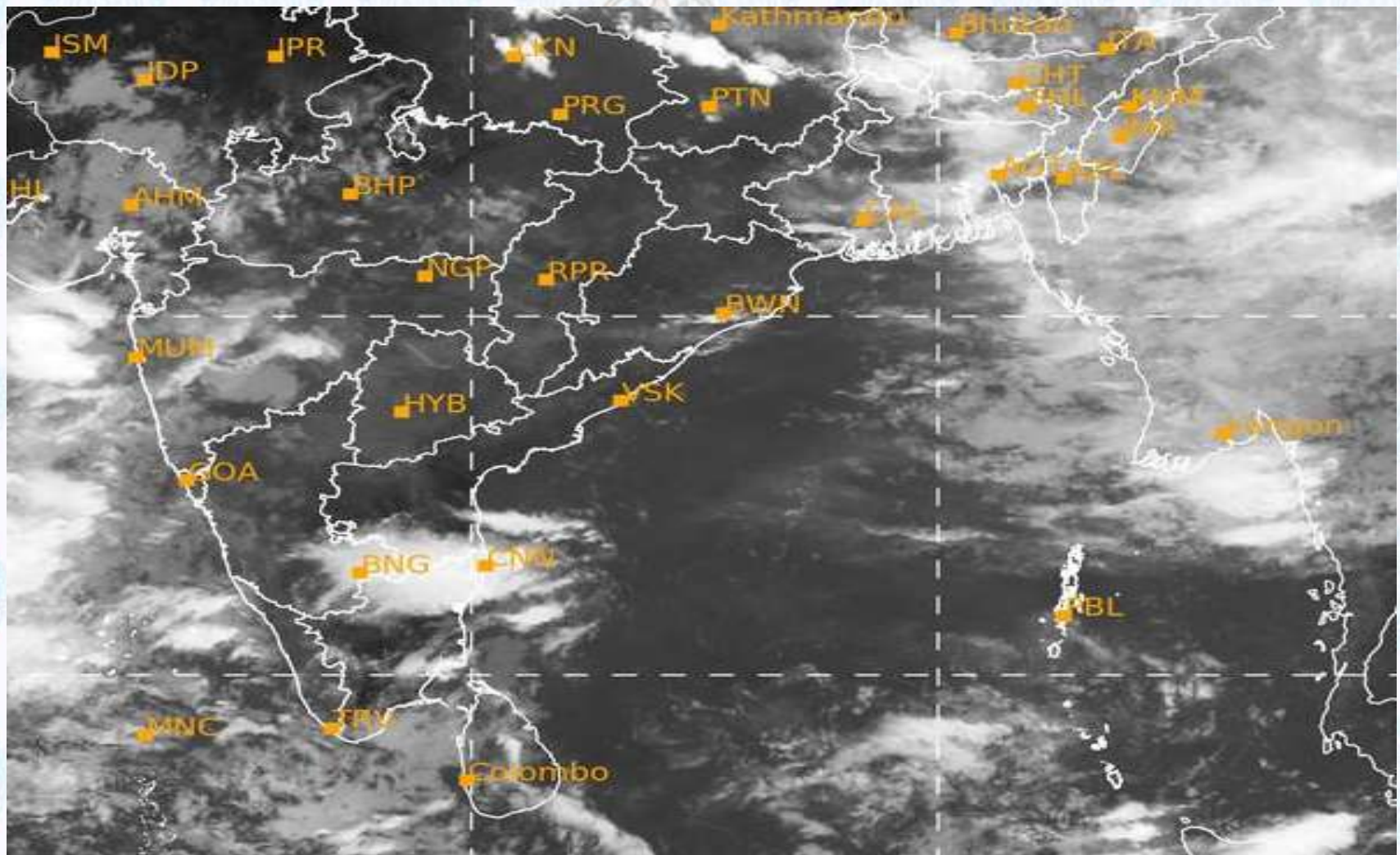
GENERAL WEATHER FORECAST – KHULNA

Description	29 Jun 2021	30 Jun 2021	01 July 2021
Temperature(C)	31°C / 28°C	30°C / 27°C	30°C / 27°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h19m36s/ 18h51m00s	5h19m48s/ 18h51m00s	5h19m45s/ 18h50m30s
Day Length	13h 31m 24s	13h 31m 12s	13h 30m 10s
Moon Rise/Set	10:55PM / 9:44AM	11:30PM / 10:40AM	- / 11:33AM
Moon Phase/illu	Waning Gibbous, 74%	Waning Gibbous, 64%	Waning Gibbous, 54%
Nautical Twilight	04:19, 19:48	04:19, 19:48	04:25, 19:46
Civil Twilight	04:51, 19:17	04:51, 19:17	04:55, 19:16
Humidity	D : 87% N : 90%	D : 88% N : 91%	D : 88% N : 91%
Barometer (mb)	1004	1002	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (km/hr)	20 Km/h, SSW	20 Km/h, SW	20 Km/h, SW

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



SATELLITE VIEW OF BAY OF BENGAL

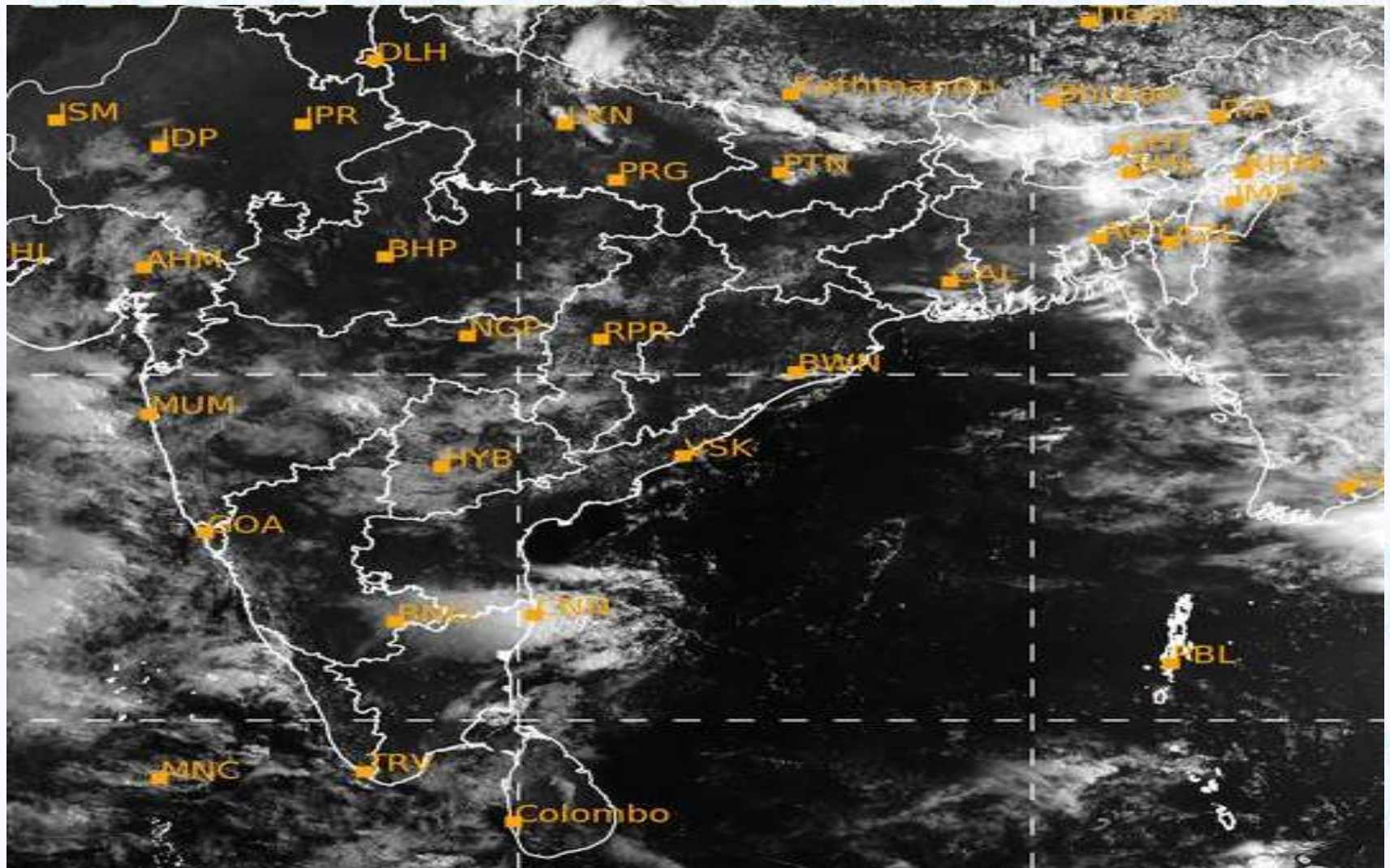


28/06/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



28/06/2021, 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 28.06.2021)

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 C-90.
	Wind	SOUTH/SOUTH-WESTERLY 08-12 KTS. TEMPORARY GUSTING TO 22KTS.
	Visibility	03-05KMS REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 28,0000 UTC. CHATTOGRAM =1008 HPA



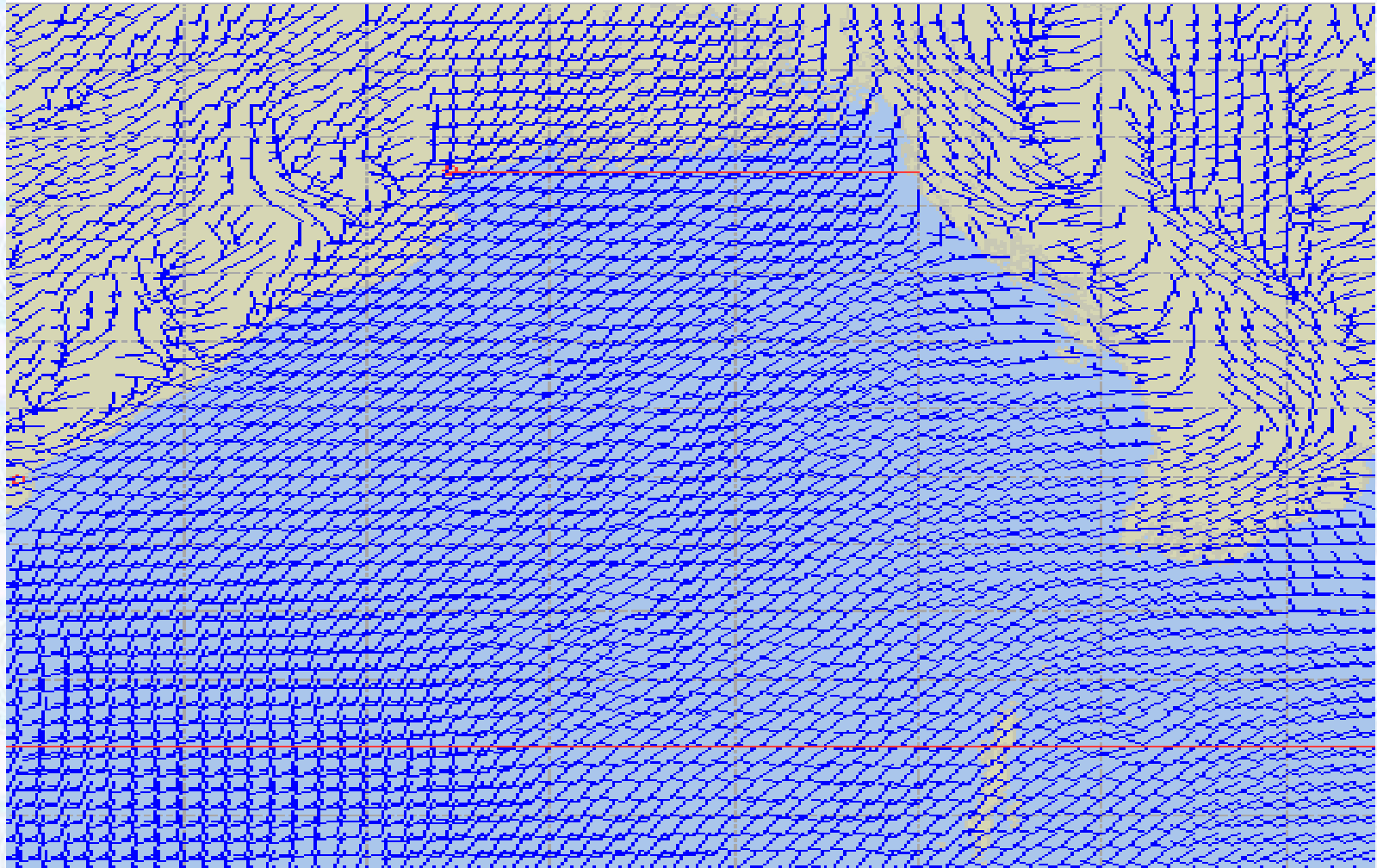
Inland River Port Warning (VALID TILL 06 PM OF 28.06.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUROVER THE REGIONS OF SYLHET, DHAKA, FARIDPUR, 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- 29 Jun - 2021



Legend:



Calm
Winds



5 Knots



10 Knots



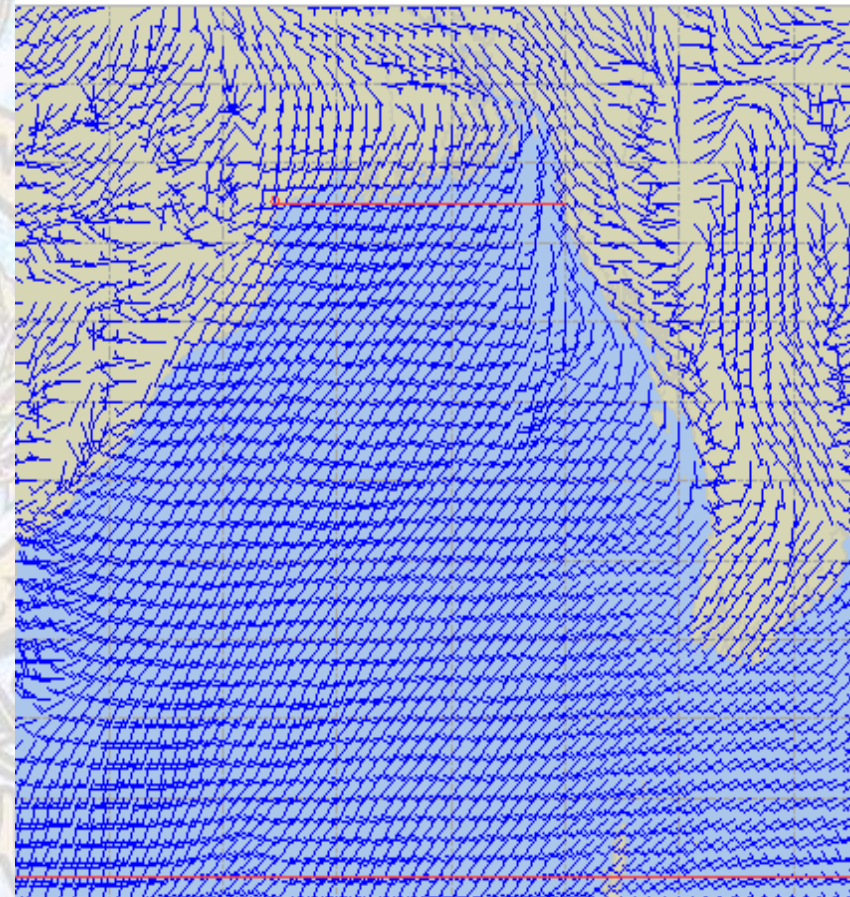
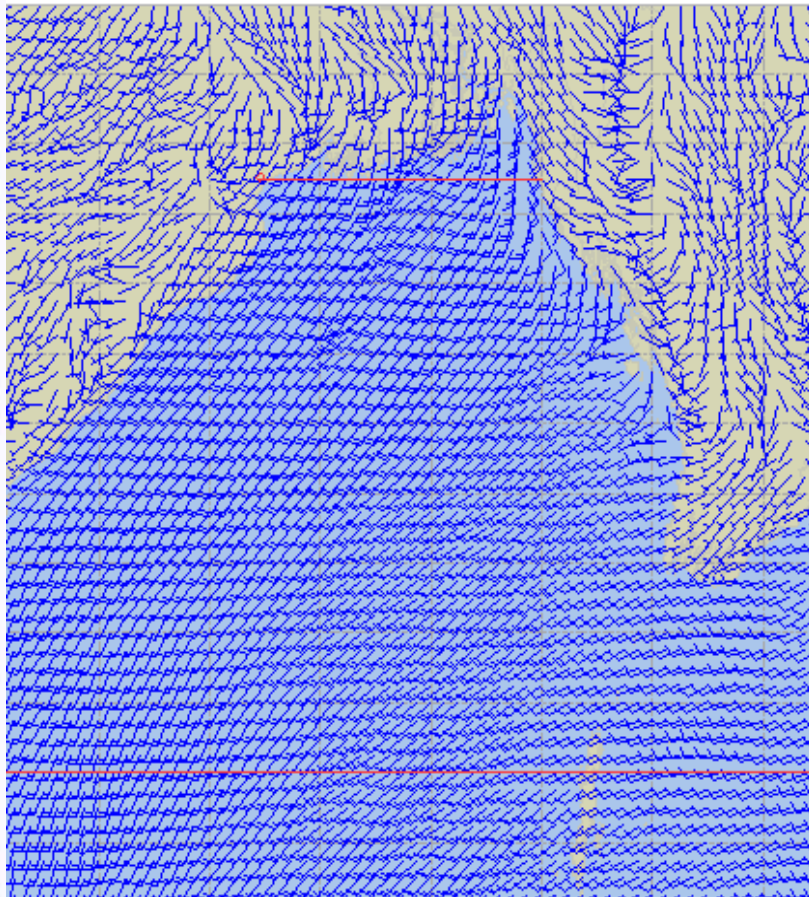
60 Knots



Surface Wind Forecast – 30 Jun & 01 July - 2021

30 Jun 21 Wednesday

01 July 21 Thursday



Legend:



Calm
Winds



5 Knots



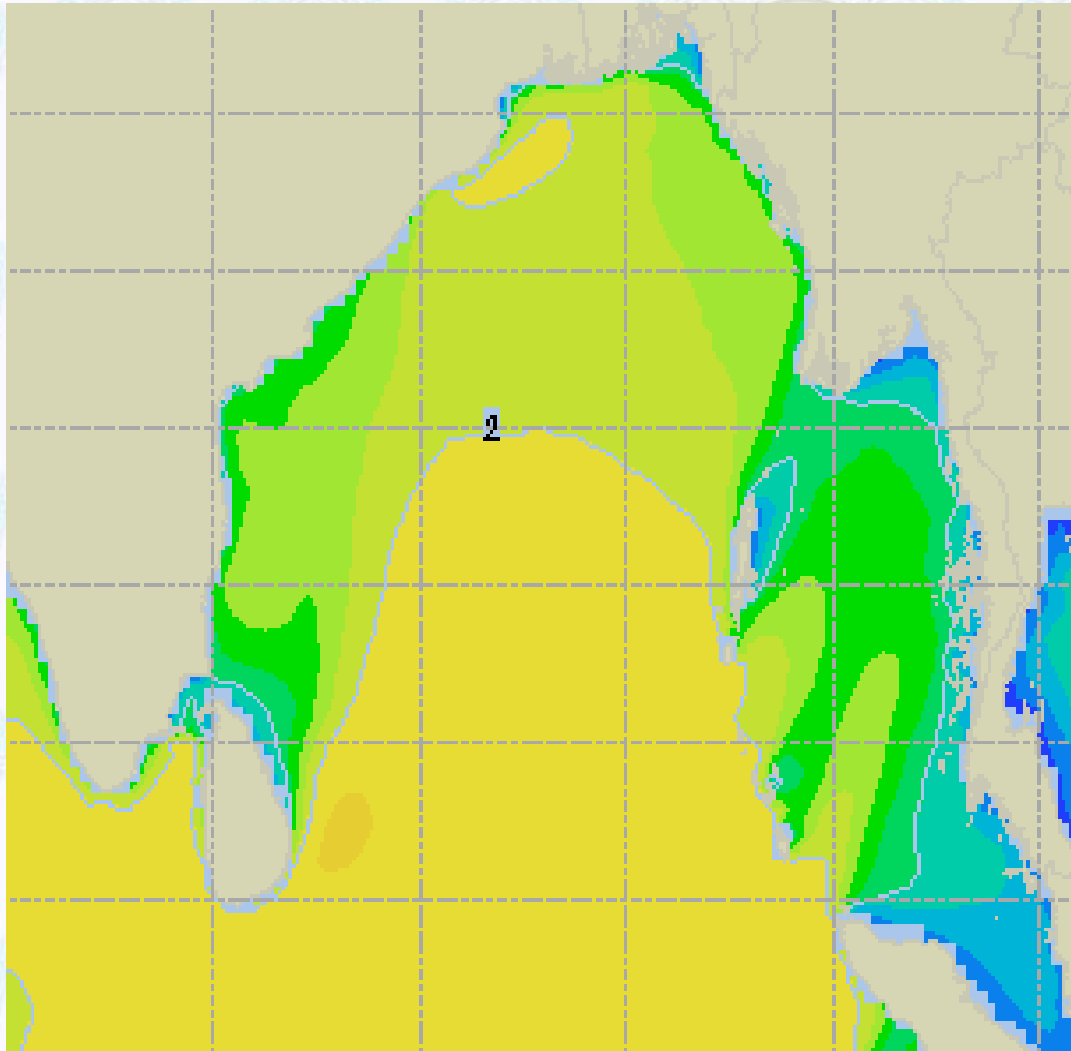
10 Knots



60 Knots



Sea State Forecast – 29 Jun - 2021



Sea State	Ht (m)
0	0
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

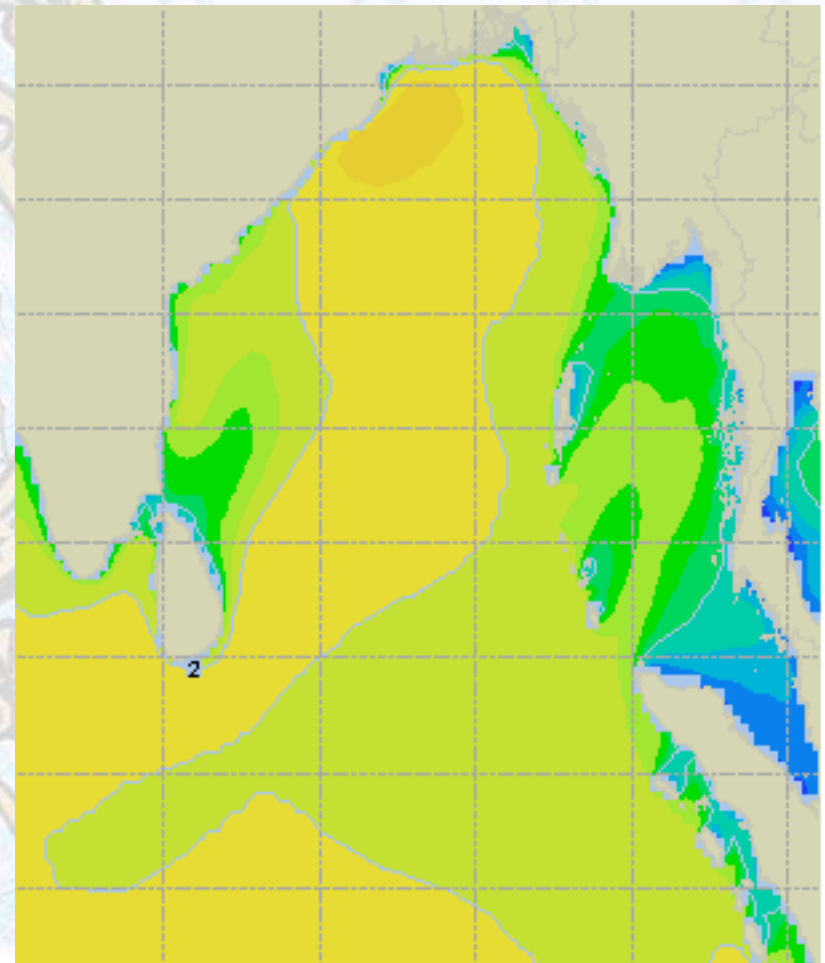
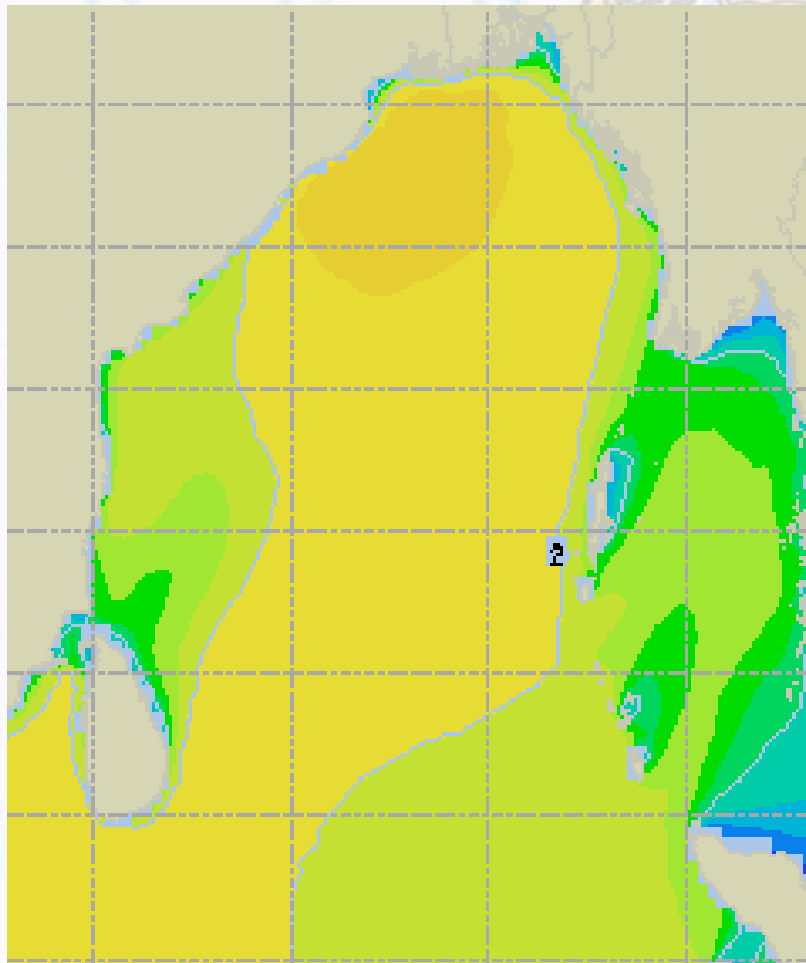




Sea State Forecast – 30 June & 01 July - 2021

30 Jun 21 Wednesday

01 July 21 Thursday

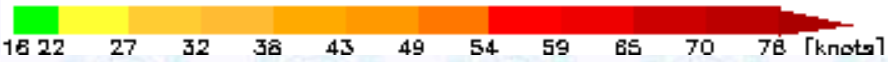
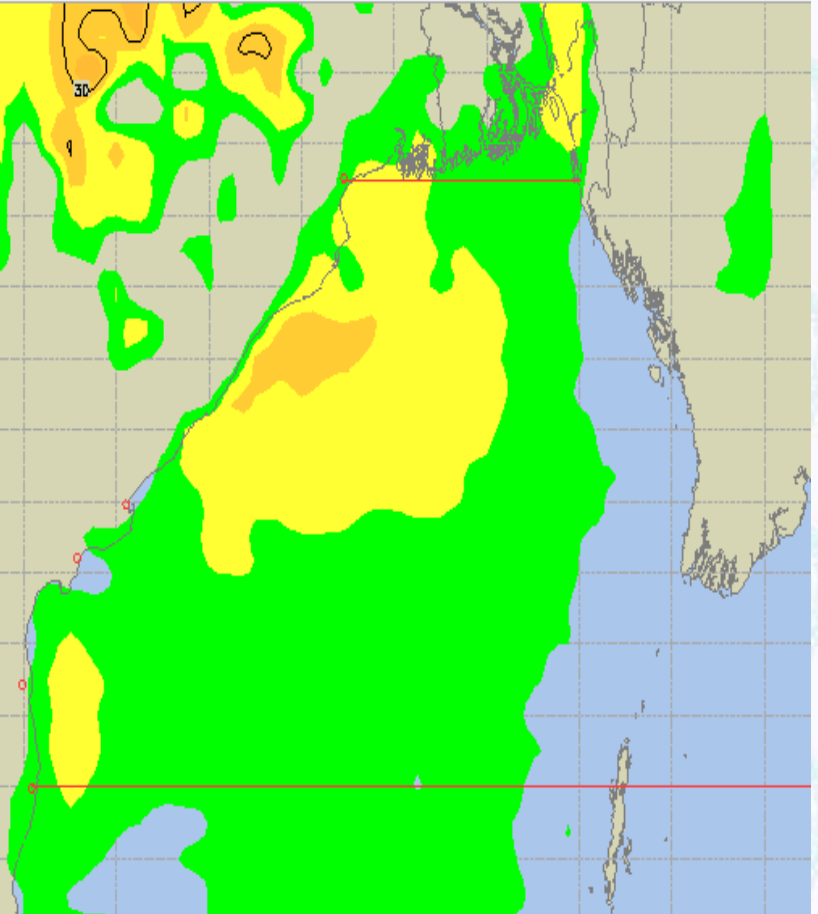
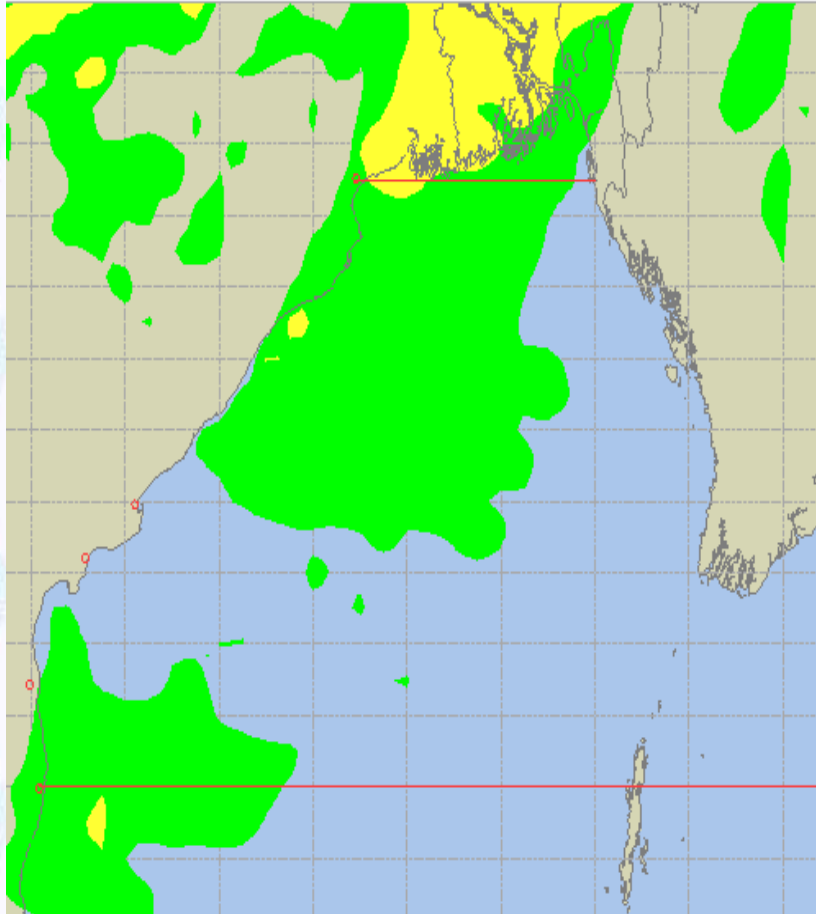




Peak Gusting Possibilities– 29 & 30 Jun 2021

29 Jun 21 Thursday

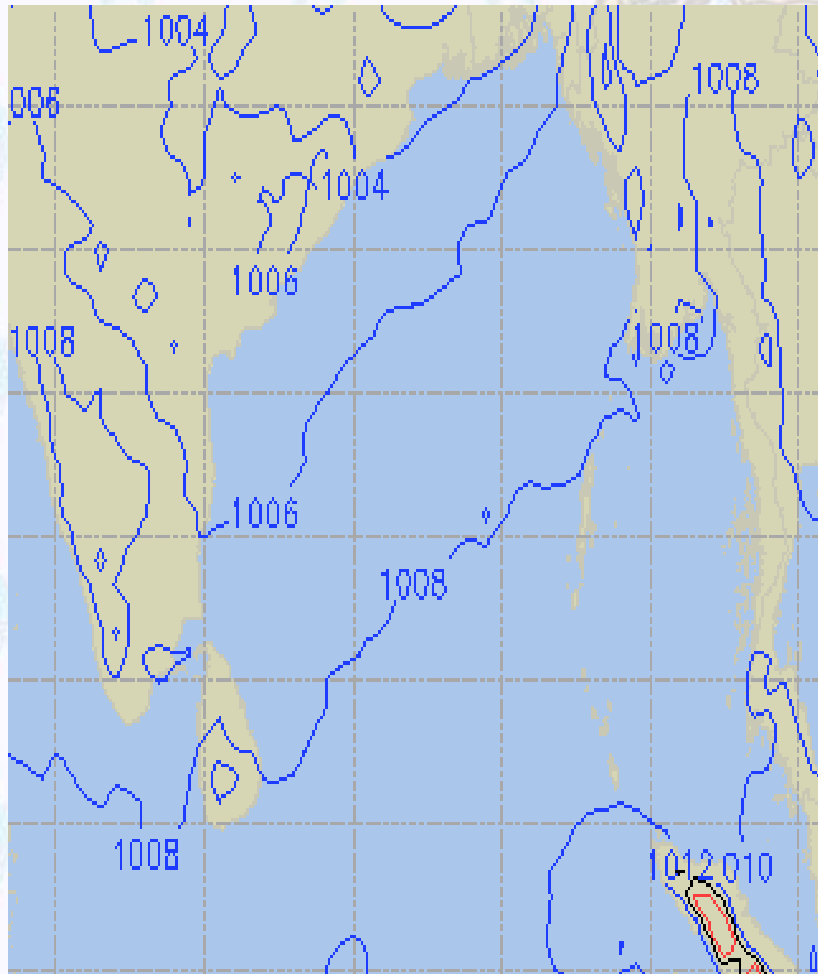
30 Jun 21 Wednesday



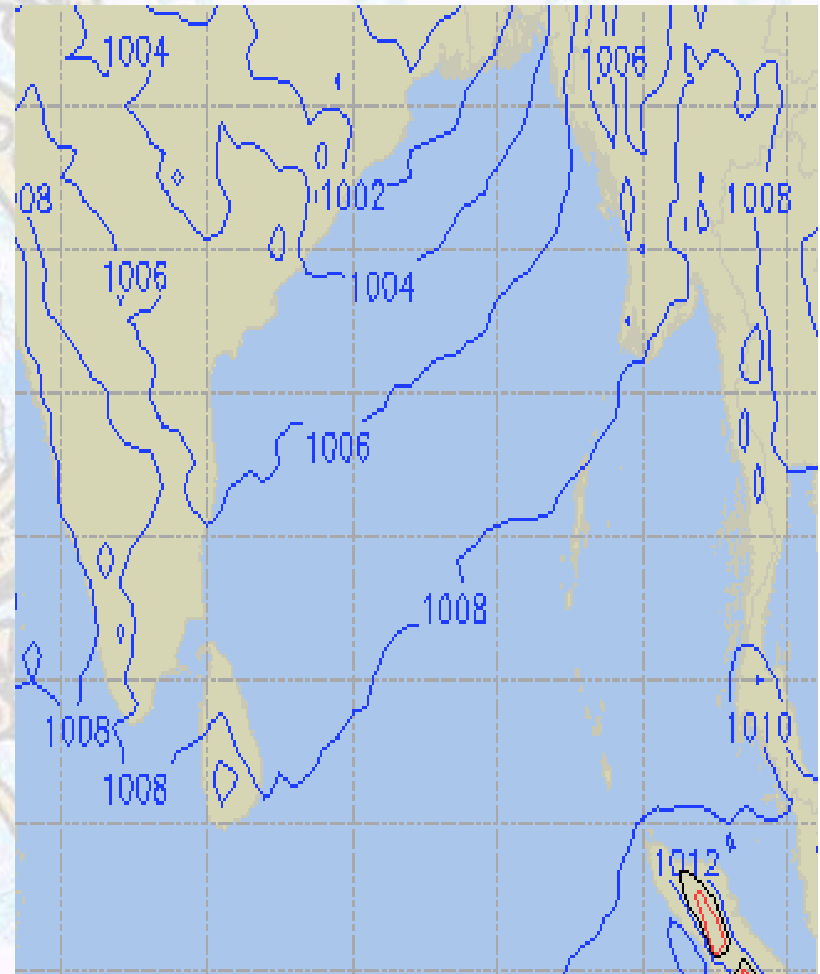


Surface Pressure forecast – 29 & 30 Jun 2021

29 Jun 21 Thursday



30 Jun 21 Wednesday

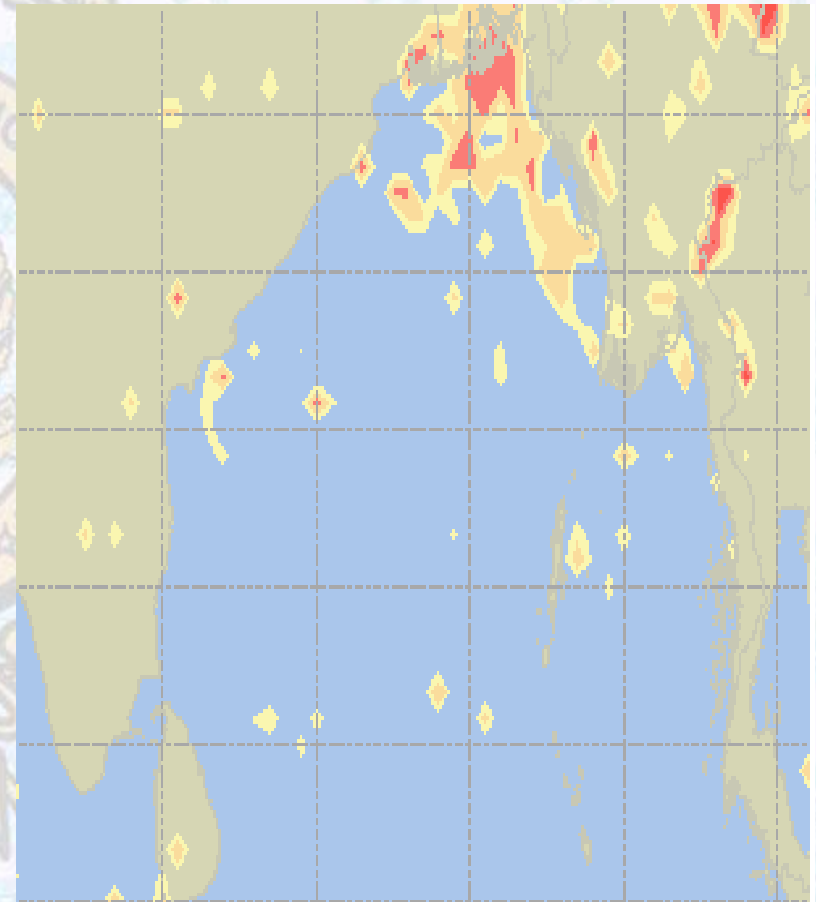
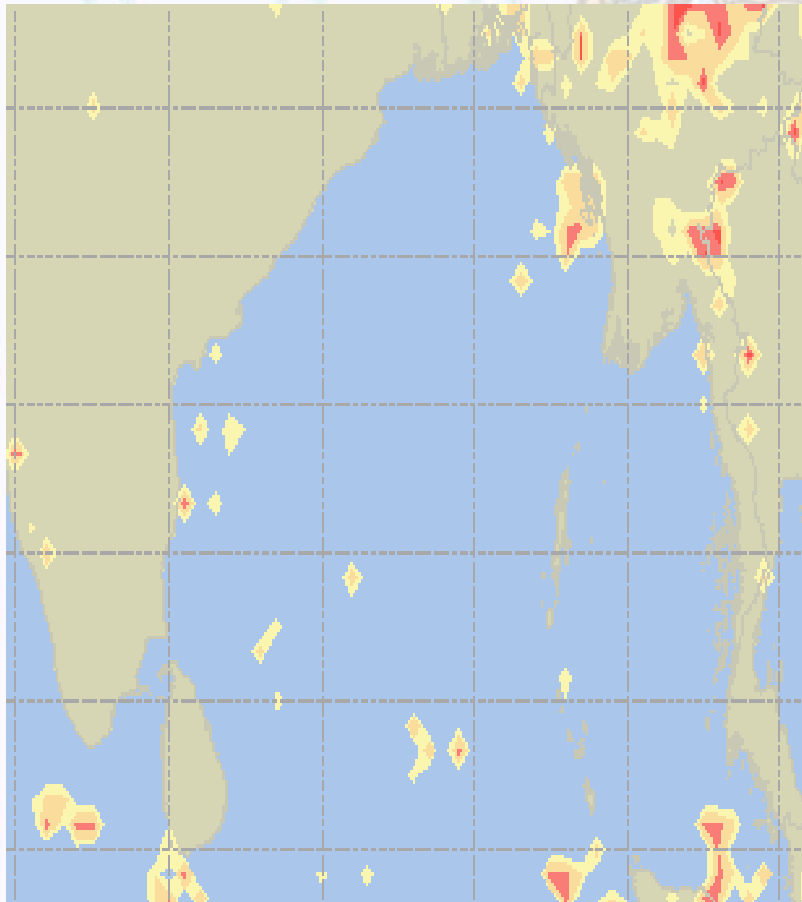




Visibility at Sea Forecast – 29 & 30 Jun 2021

29 Jun 21 Thursday

30 Jun 21 Wednesday



Visibility Scale:

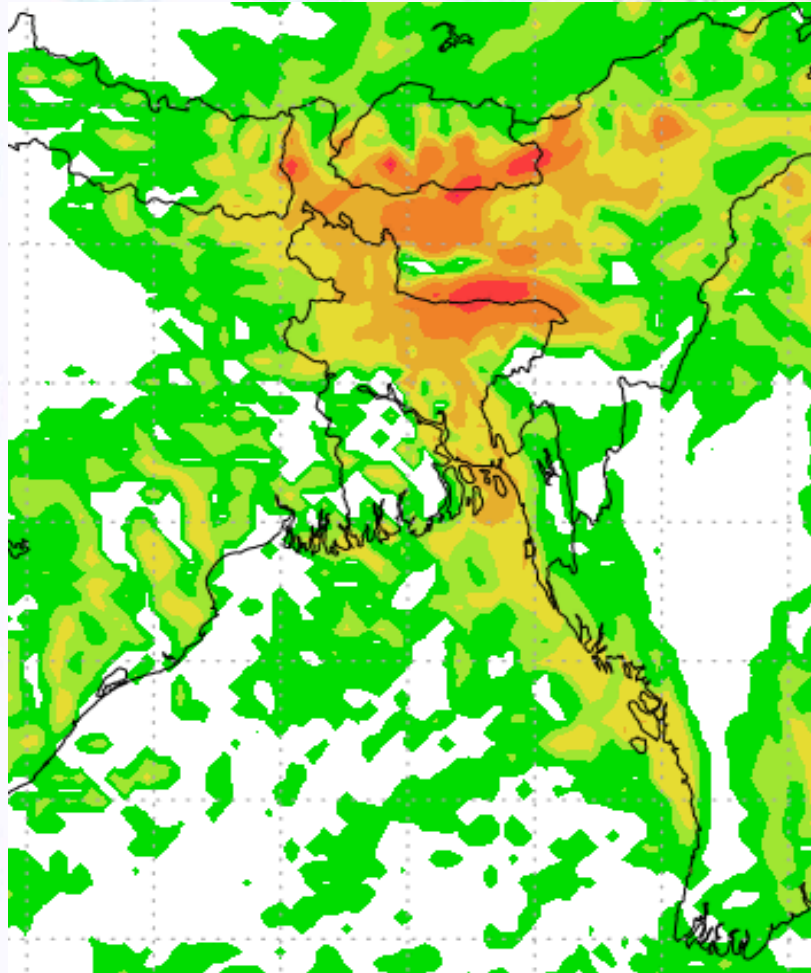


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

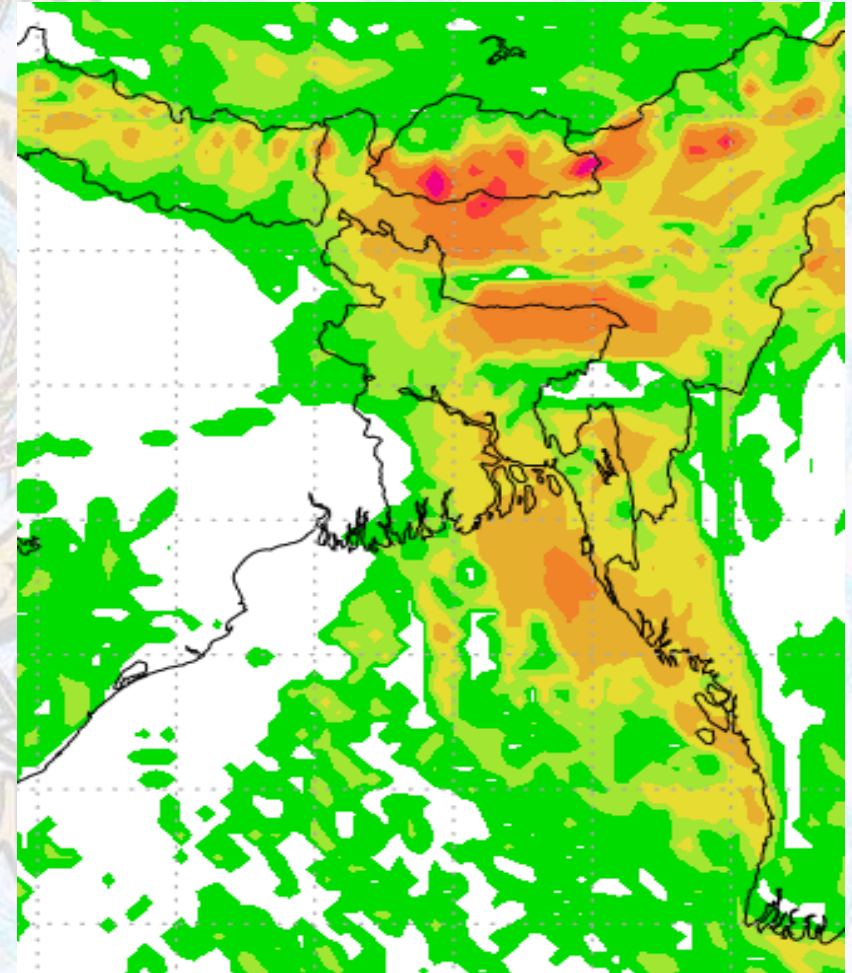


Precipitation

Rain(mm) 29 & 30 Jun 2021



Rain(mm) 30 Jun & 01 Jul 2021



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
29 Jun 2021	0354	4.98		0127	3.28		0121	3.01
	1013	0.99		0756	1.08		0728	1.17
	1609	5.27		1351	3.58		1334	3.27
	2253	0.92		2028	1.19		2012	1.15
30 Jun 2021	Time	Height		Time	Height		Time	Height
	0445	4.85		0215	3.13		0205	2.93
	1101	1.19		0843	1.23		0811	1.33
	1700	5.02		1436	3.37		1415	3.13
	2341	1.07		2113	1.33		2053	1.26
01 July 2021	Time	Height		Time	Height		Time	Height
	0539	4.69		0305	2.99		0252	2.86
	1156	1.41		0934	1.37		0858	1.48
	1756	4.73		1527	3.15		1459	2.97
	-	-		2205	1.46		2137	1.36