



WEATHER FORECAST FOR BN

29 JUNE - 02 JULY 2021





WEATHER FORECAST – DHAKA

29.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 25°C	30°C / 25°C	29°C / 25°C	28°C / 25°C
Wind	18 km/h SSW	18 km/h SSW	15 km/h S	16 km/h SSW
Humidity	77%	77%	80%	81%
Chance of Precip	100%	77%	61%	64%
Cloud Cover	95%	95%	95%	96%
Conditions	Mostly Cloudy/ Rain	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise / Sunset	0514 / 1849			

Conditions

Pressure : 1005 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

29.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35°C / 26°C	35°C / 26°C	35°C / 27°C	33°C / 26°C
Wind	16 km/h SSW	18 km/h SSW	15 km/h S	15 km/h S
Humidity	87%	87%	92%	91%
Chance of Precip.	19%	67%	76%	83%
Cloud Cover	85%	86%	95%	97%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise / Sunset	0511 / 1840			

Conditions

Pressure : 1007 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

29.06.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C / 27°C	30°C / 27°C	29°C / 27°C	28°C / 26°C
Wind	17 km/h SSW	18 km/h SSW	14 km/h SSW	14 m/h SSW
Humidity	83%	84%	89%	91%
Chance of Precip.	42%	49%	48%	43%
Cloud Cover	91%	92%	93%	95%
Conditions	Cloudy	Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise/ Sunset	0519 / 1850			

Conditions

Pressure : 1005 hpa

Visibility : 12.87 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	30 Jun 2021	01 July 2021	02 July 2021
Temperature (C)	29°C / 27°C	30°C / 27°C	29°C / 26°C
Summary	Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h14m12s/18h49m48s	5h14m52s/18h49m28s	5h15m22s/18h48m58s
Day Length	13h35m36s	13h35m06s	13h34m36s
Moon Rise/ Set	11:27PM/ 10:35AM	11:59PM/ 11:29AM	- / 12:20AM
Moon Phase/ illu	Waning Gibbous, 64%	Waning Gibbous, 54%	Last Quarter, 43%
Nautical Twilight	04:13, 19:48	04:22, 19:48	04:22, 19:48
Civil Twilight	04:42, 19:15	04:52, 19:18	04:52, 19:18
Humidity	D : 84% N : 87%	D : 84% N : 87%	D : 84% N : 88%
Barometer (mb)	1002	1001	1002
Visibility	Moderate	Moderate	Moderate
Precip Chance	99%	90%	97%
Wind (km/hr)	16 Km/h, SSW	14 Km/h, SSW	15 Km/h, SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	30 Jun 2021	01 July 2021	02 July 2021
Temperature (C)	28°C/ 26°C	28°C/ 26°C	28°C/ 26°C
Summary	Cloudy/ Light Rain	Rain	Rain
Sun Rise/Set	5h11m42s/ 18h40m42s	5h12m02s/ 18h40m32s	5h12m32s/ 18h40m02s
Day Length	13h29m00s	13h28m30s	13h27m30s
Moon Rise/ Set	11:20PM / 10:30AM	11:53PM/ 11:24AM	- / 12:20AM
Moon Phase/ illu	Waning Gibbous, 64%	Waning Gibbous, 54%	Last Quarter, 43%
Nautical Twilight	04:11, 19:37	04:17, 19:35	04:17, 19:35
Civil Twilight	04:42, 19:06	04:47, 19:05	04:47, 19:05
Humidity	D : 93% N : 95%	D : 93% N : 95%	D : 91% N : 92%
Barometer (mb)	1004	1003	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	94%	98%	98%
Wind (km/hr)	19 Km/h, SSW	18 Km/h, S	20 Km/h, SSW

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



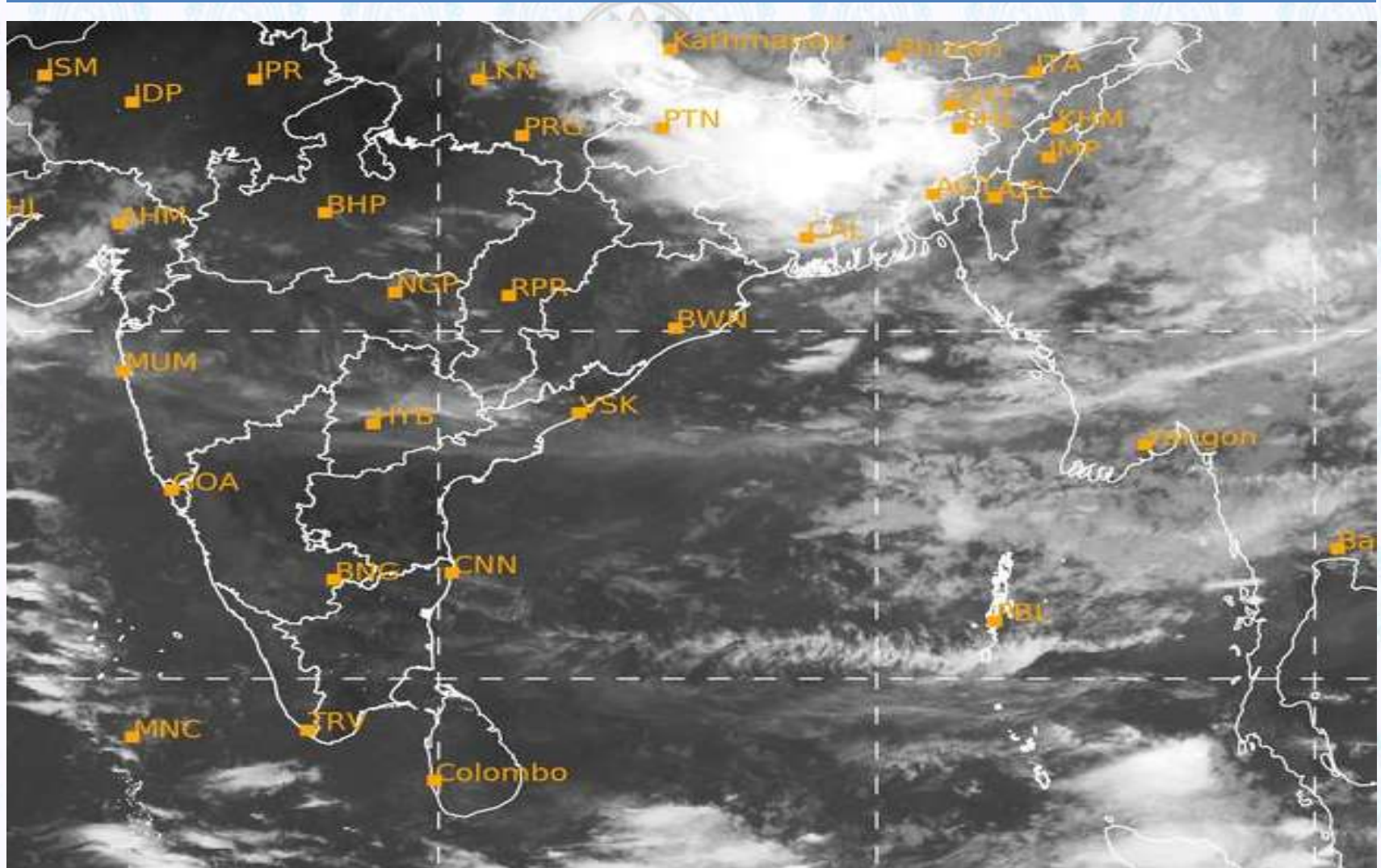
GENERAL WEATHER FORECAST – KHULNA

Description	30 Jun 2021	01 July 2021	02 July 2021
Temperature(C)	30°C / 28°C	30°C / 28°C	30°C / 27°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h19m48s/ 18h51m00s	5h19m45s/ 18h50m30s	5h19m59s/ 18h50m14s
Day Length	13h 31m 12s	13h 30m 10s	13h 29m 40s
Moon Rise/Set	11:30PM / 10:40AM	- / 11:33AM	12:03 PM / 12:24AM
Moon Phase/illu	Waning Gibbous, 64%	Waning Gibbous, 54%	Last Quarter, 43%
Nautical Twilight	04:19, 19:48	04:25, 19:46	04:25, 19:46
Civil Twilight	04:51, 19:17	04:55, 19:16	04:55, 19:16
Humidity	D : 88% N : 91%	D : 88% N : 91%	D : 90% N : 93%
Barometer (mb)	1002	1001	1002
Visibility	Moderate	Moderate	Moderate
Precip Chance	88%	77%	95%
Wind (km/hr)	19 Km/h, SSW	19 Km/h, SSW	18 Km/h, SSW

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



SATELLITE VIEW OF BAY OF BENGAL

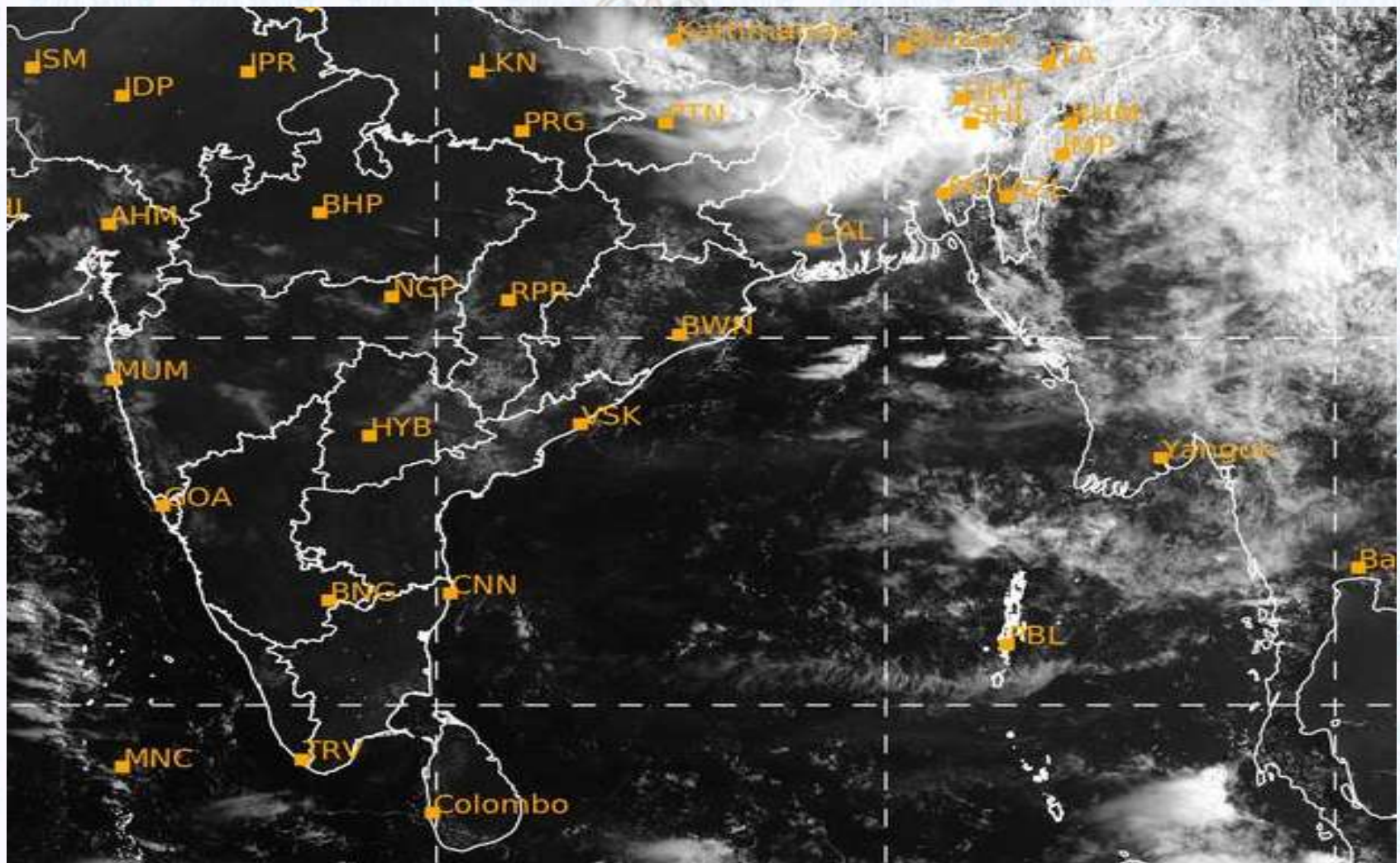


29/06/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



29/06/2021, 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 29.06.2021)

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	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY, 10-15 KTS, TEMPORARY GUSTING TO 25 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 =1007 HPA



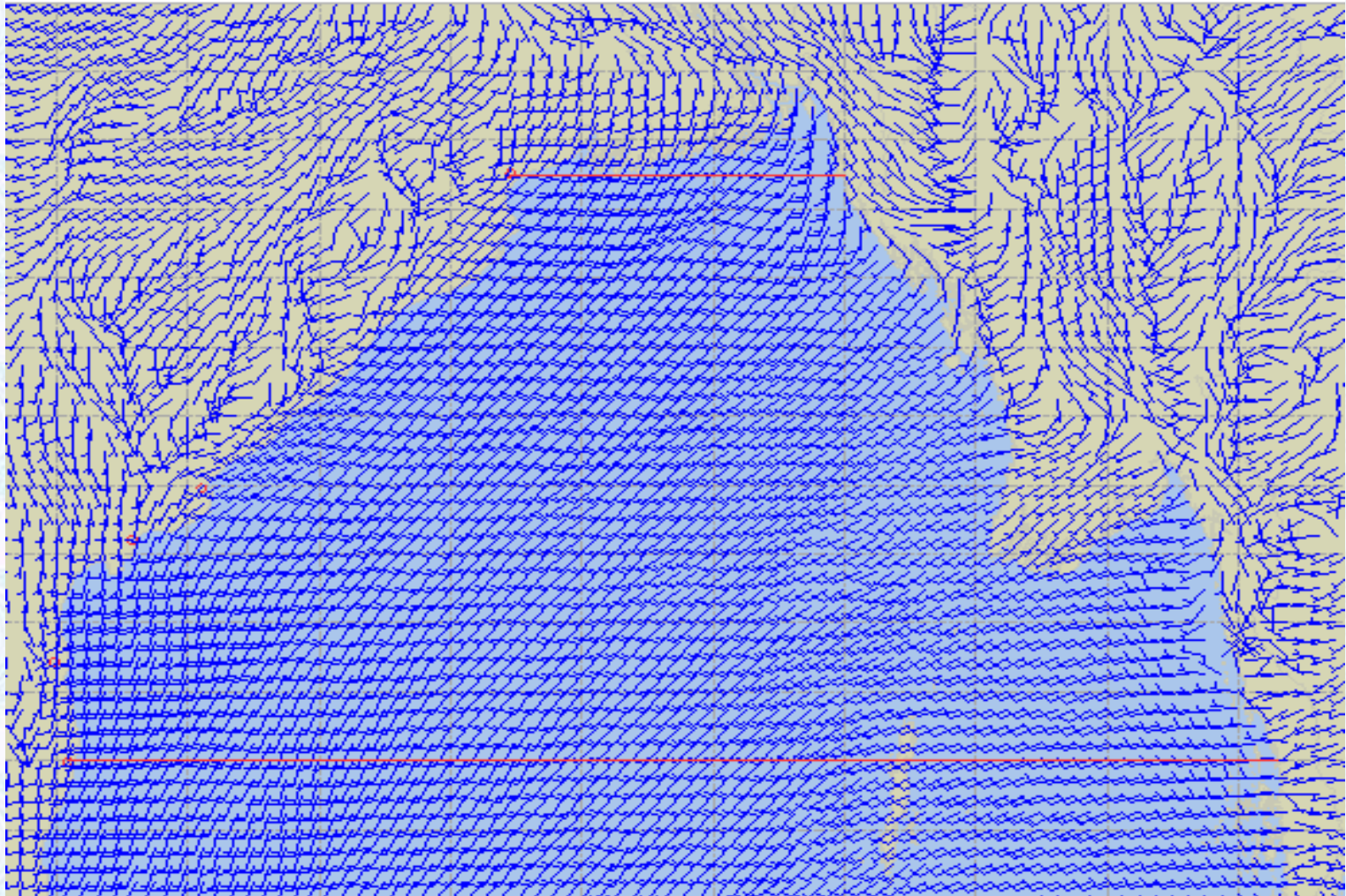
Inland River Port Warning (VALID TILL 06 PM OF 29.06.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH/SOUTH-EASTERLY** GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, DINAJPUR, BOGURA, PABNA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, 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- 30 Jun - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



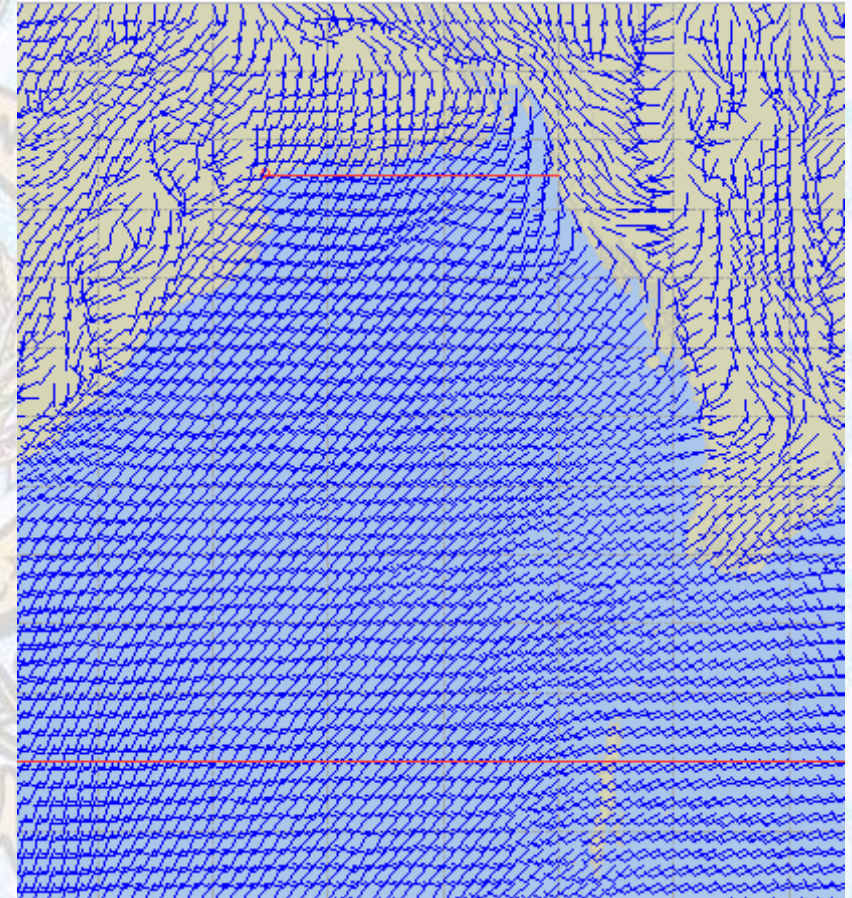
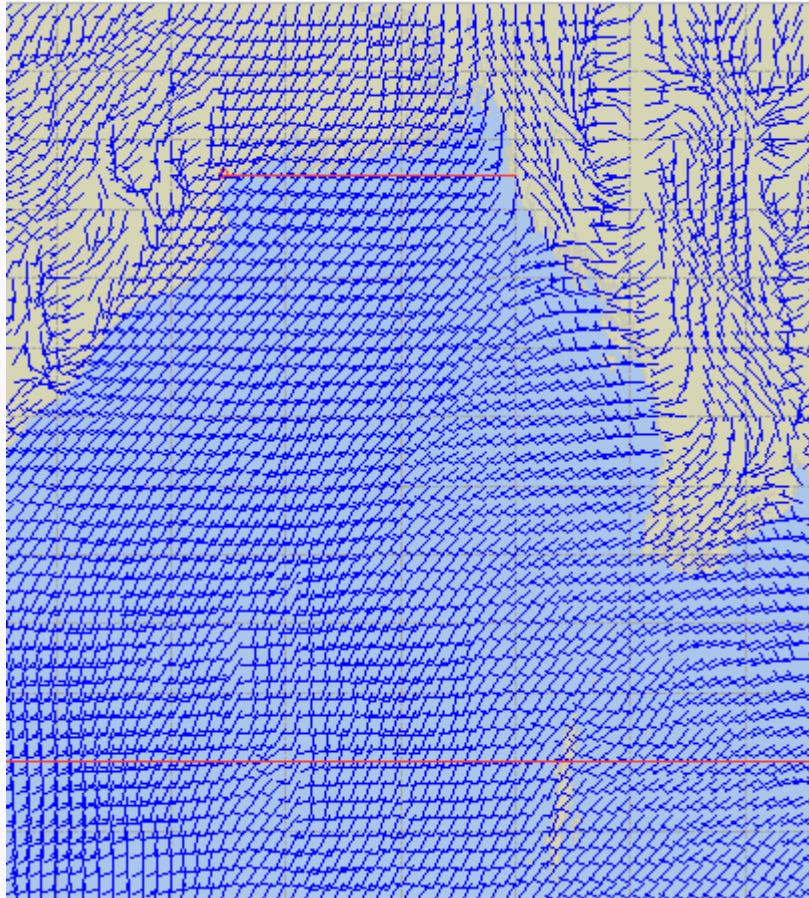
60 Knots



Surface Wind Forecast – 01 & 02 July - 2021

01 July 21 Thursday

02 July 21 Friday



Legend:



Calm
Winds



5 Knots



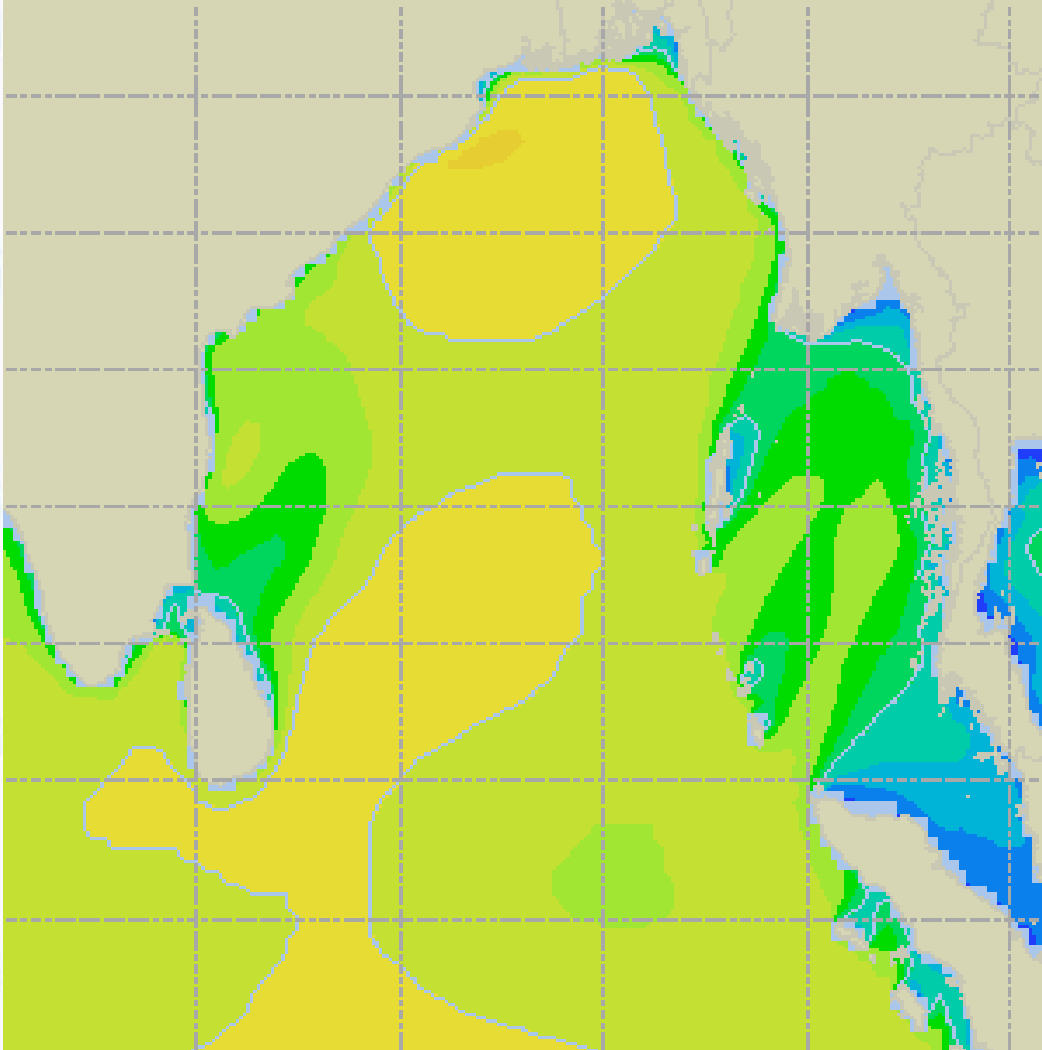
10 Knots



60 Knots



Sea State Forecast – 30 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

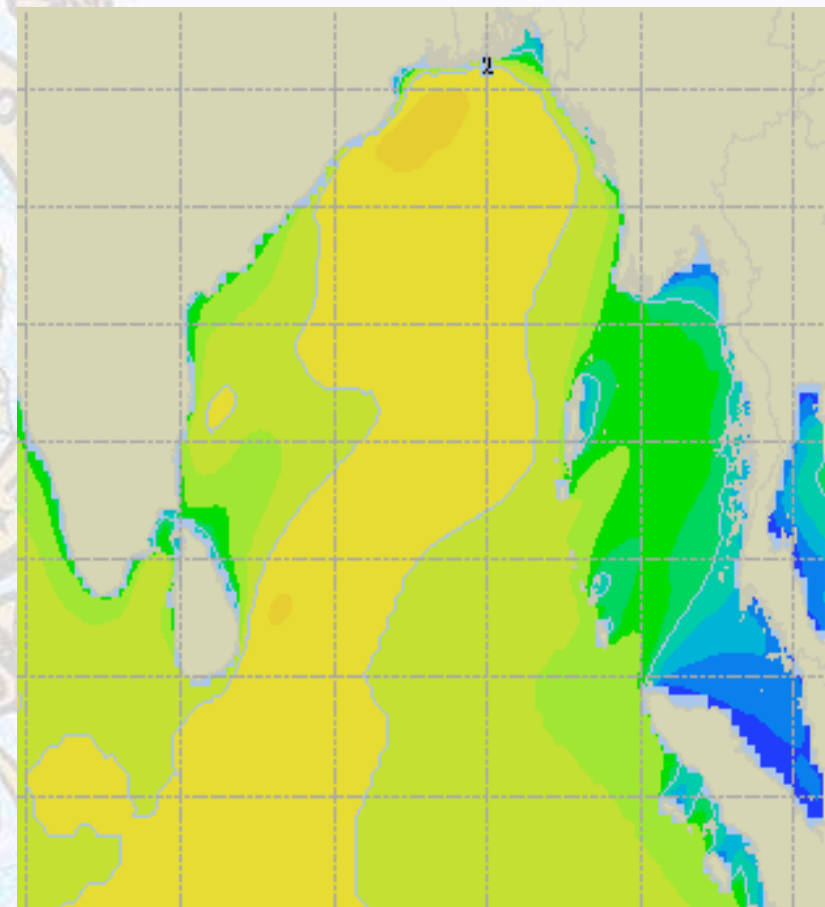
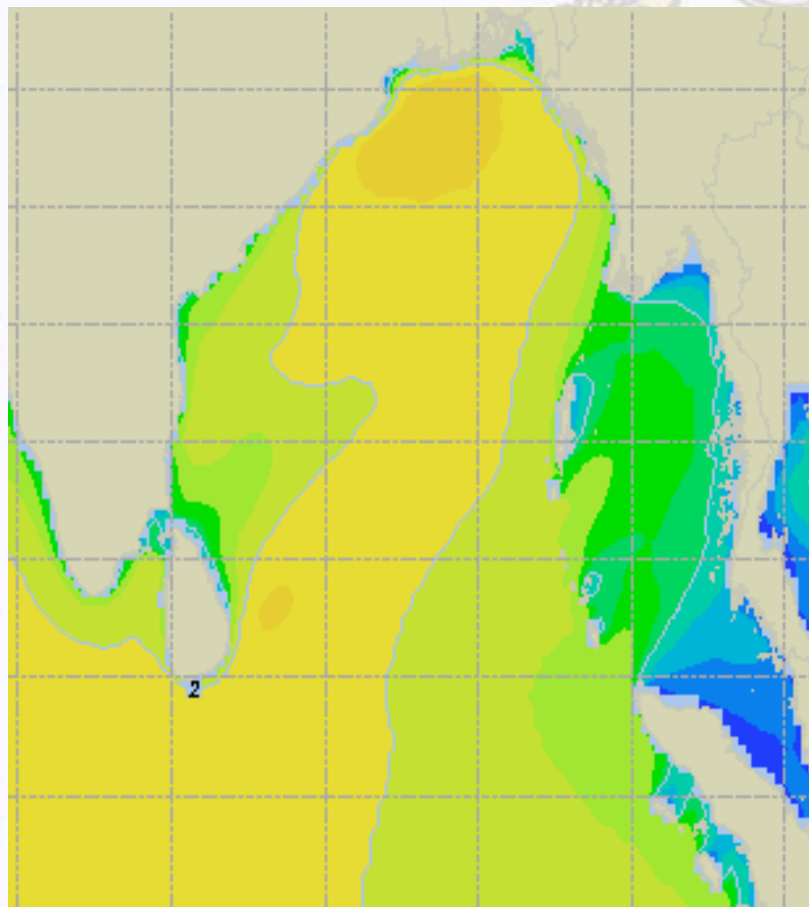




Sea State Forecast – 01 & 02 July - 2021

01 July 21 Thursday

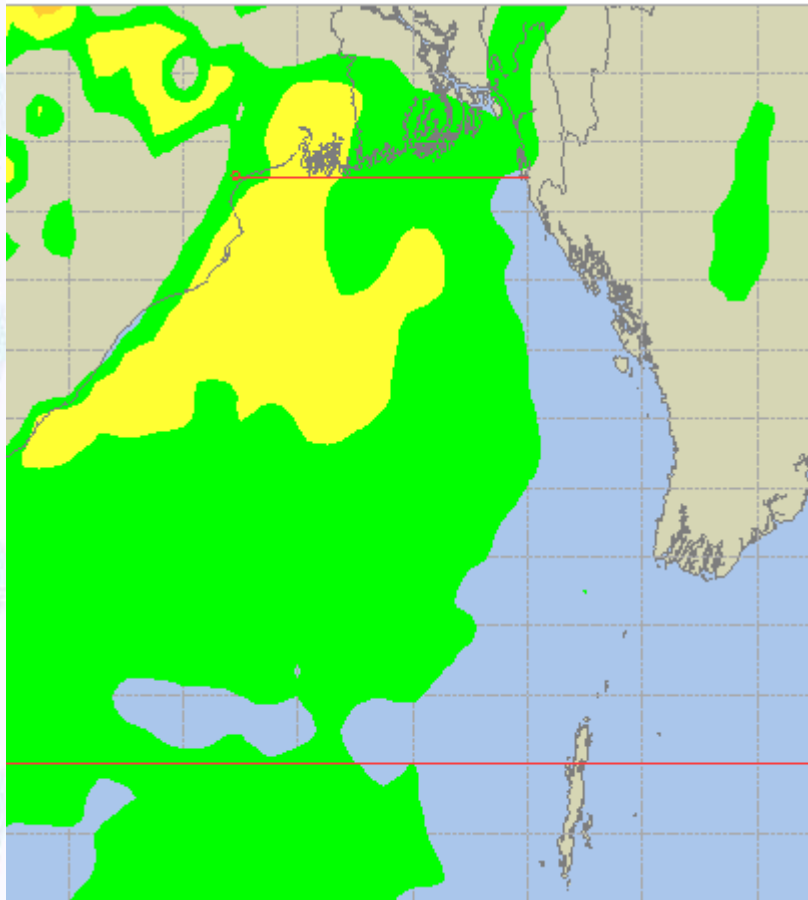
02 July 21 Friday



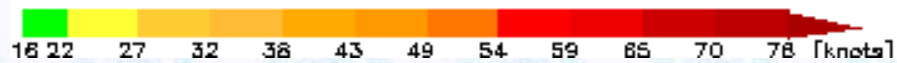
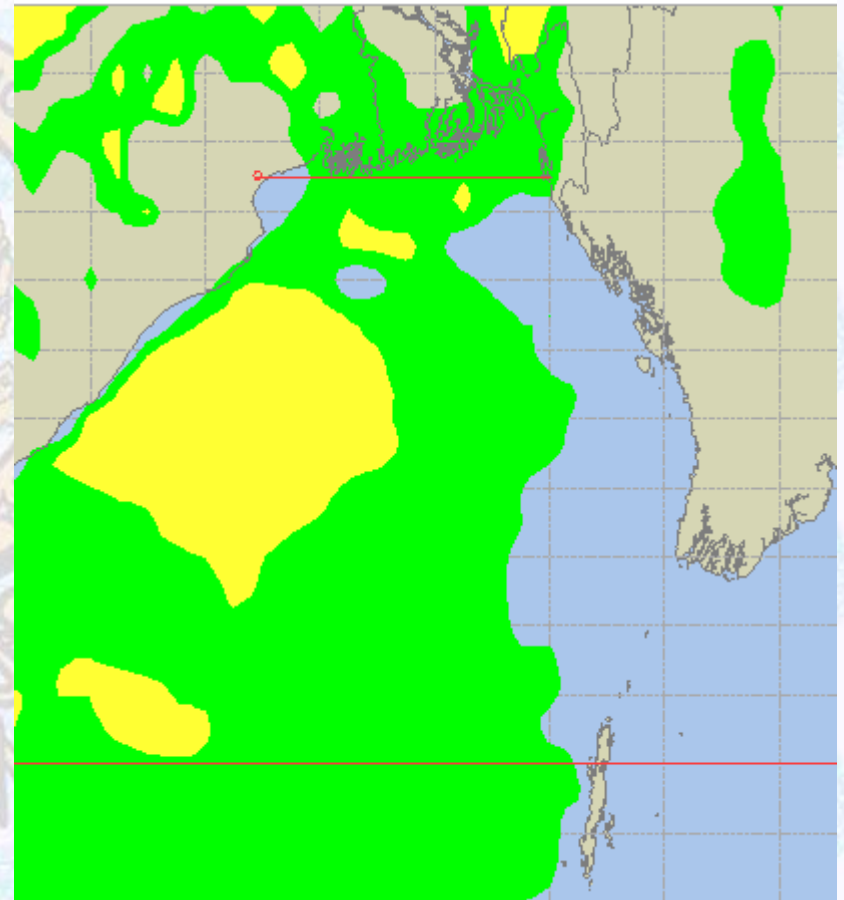


Peak Gusting Possibilities— 30 Jun & 01 July 2021

30 Jun 21 Sunday



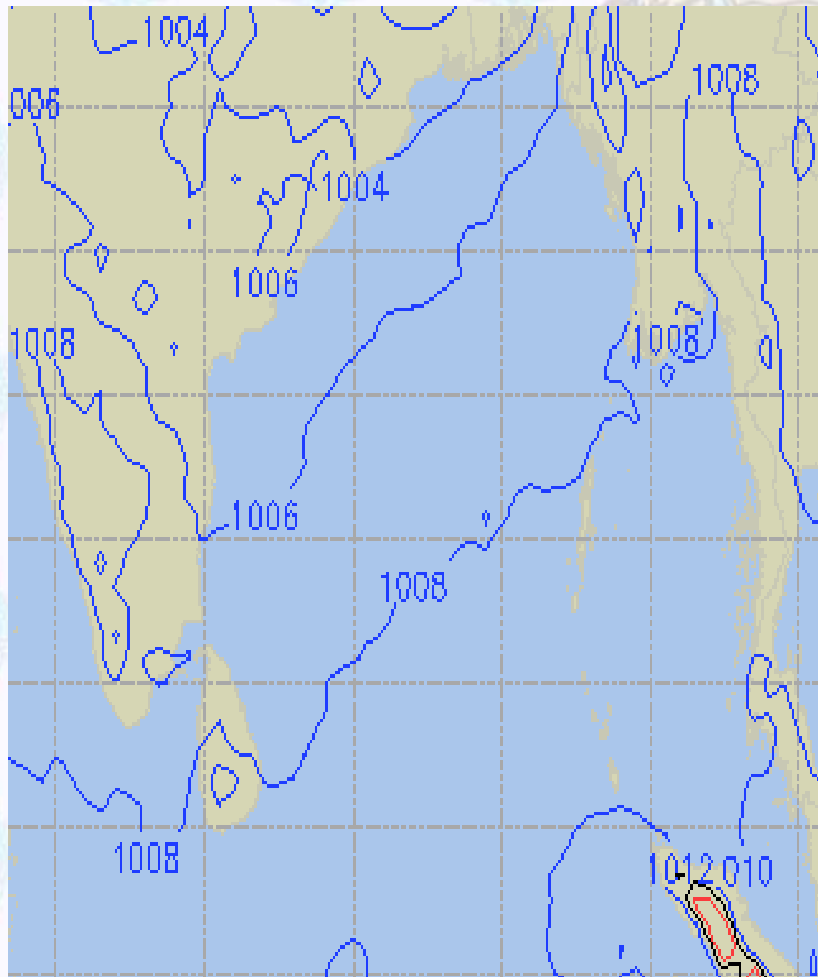
01 July 21 Monday



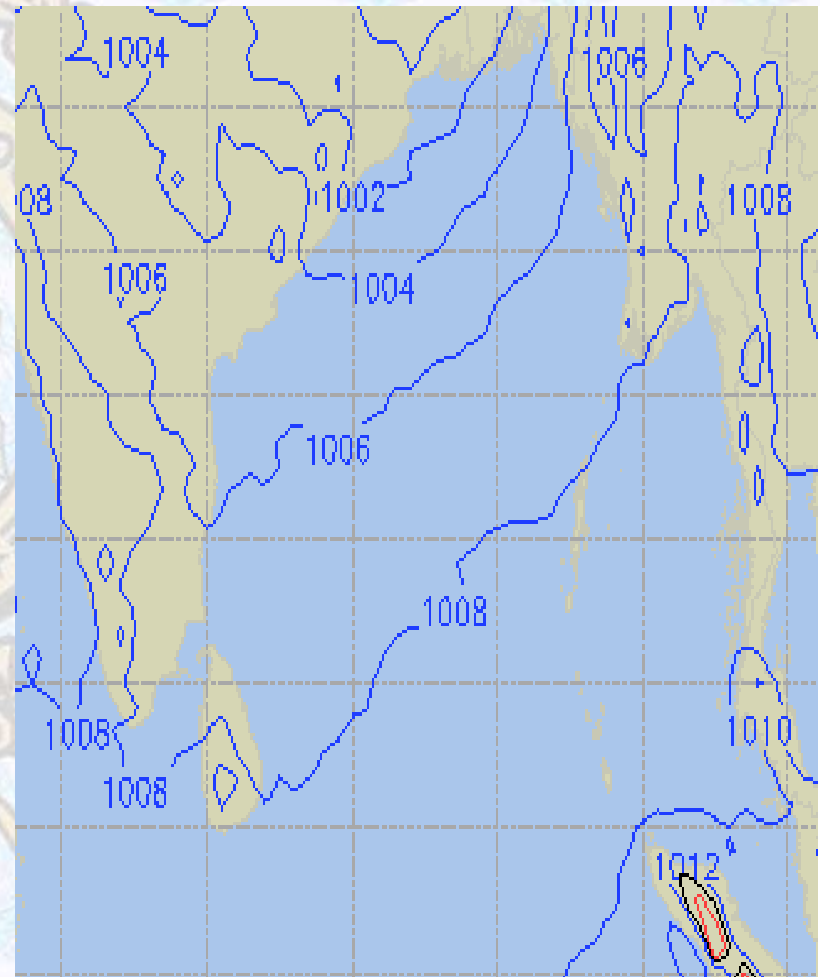


Surface Pressure forecast – 30 Jun & 01 July 2021

29 Jun 21 Sunday



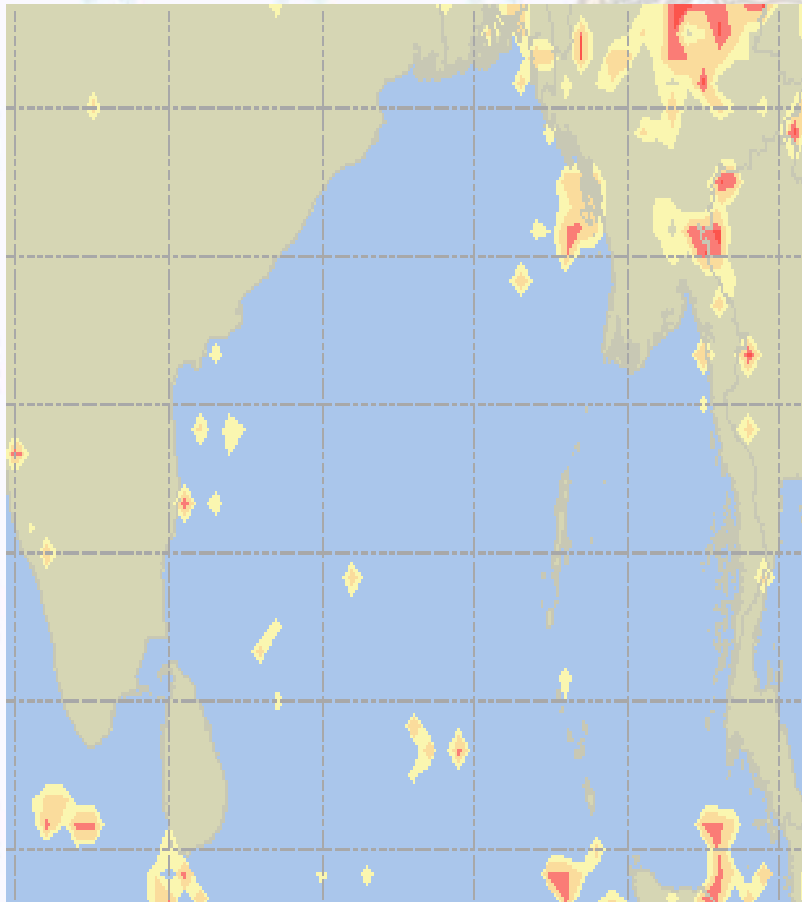
30 Jun 21 Monday



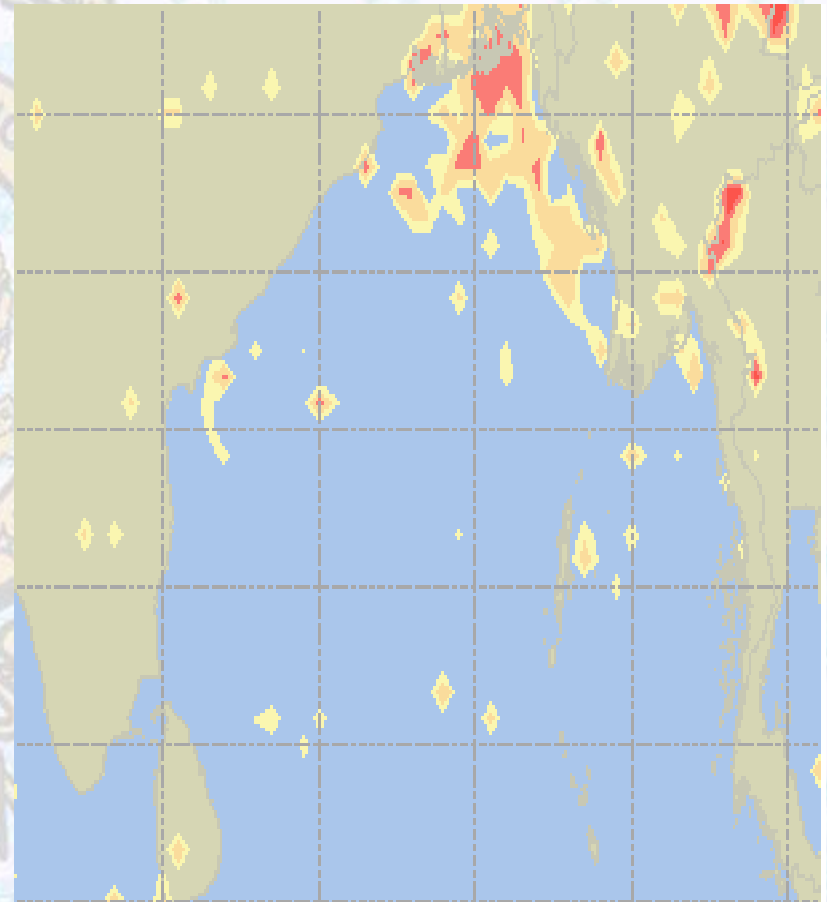


Visibility at Sea Forecast – 30 Jun & 01 July 2021

29 Jun 21 Sunday



30 Jun 21 Monday



Visibility Scale:

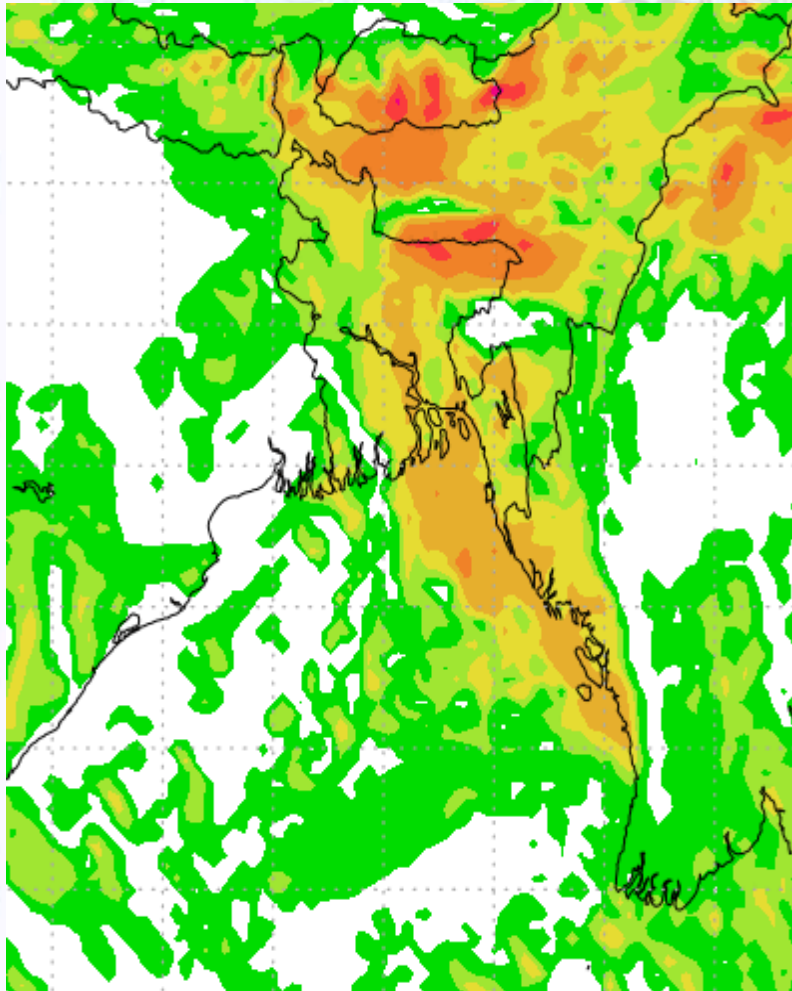


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

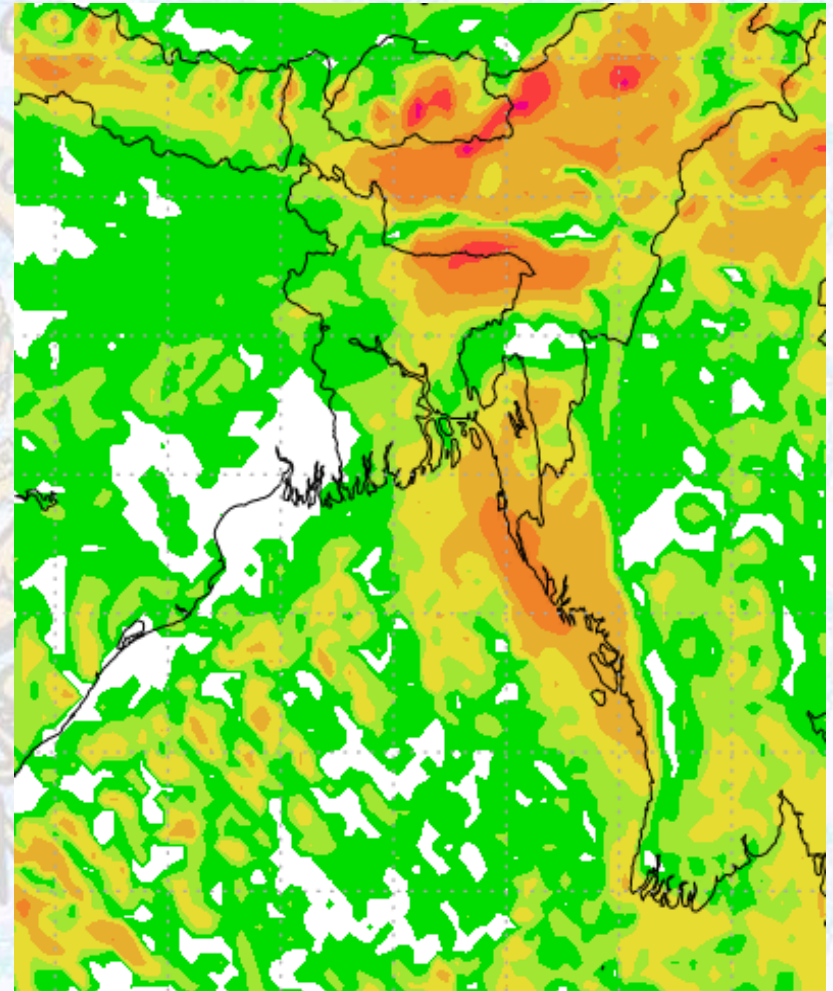


Precipitation

Rain(mm) 30 Jun & 01 July 2021



Rain(mm) 01 & 02 July 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