



Air Quality Monthly Report

April, 2026



Department of Environment
Ministry of Environment, Forest and Climate Change
Bangladesh

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Introduction:

Department of Environment (DoE), Bangladesh has established a countrywide air quality monitoring (AQM) network. The continuous monitoring of 6 (six) criteria pollutants ($PM_{2.5}$, PM_{10} , SO_2 , CO, NO_x and O_3) is being done by 31(thirty one) Continuous Air Monitoring Stations (CAMS) and Compact Continuous Air Monitoring Stations (C-CAMS) located in the divisional and industrial districts of the country; The network encompasses all the regions of the country - Dhaka, Narayanganj Gazipur, Savar, Mymensingh, Narsingdi in the center, Chattogram in the south-east. Khulna, Cumilla and Barishal in the south, Rajshahi in the west, and Sylhet in the north-east regions, Rangpur in the north west of the country. And C-CAMS are located in Faridpur, Jashore, Satkhira, Bagerhat, Gopalganj, Tangail, Bogura, Tongi, BUET campus, Brahmanbaria, Feni, Noakhali, BSRM (Chattogram), Cox's-Bazar, Nagor Bhaban, Dhaka. The data and information generated from those stations are automatically collected in the central server and are disseminated through DoE website. Air Quality Index (AQI) for each city is calculated and published online daily for notifying the public about the status of air quality in their respective city.

Quality Assurance/Quality Control (QA/QC) methods and procedures are implemented with full documentation and are validated through an international certified calibration reference laboratory. Forms and log sheets document every activity in the air monitoring stations and document all maintenance, calibration, operation and other activities such as all visits to the stations. This monthly report provides an overview and analysis of air quality monitoring data in Bangladesh for the month wise monitoring results.

The report summarizes the data of different CAMS located in different cities of Bangladesh.

Standards of Ambient Air Quality

The Government of Bangladesh has enacted Air Pollution (Control) Rules – 2022 with ambient air quality standards. This report represent the Air Quality Index (AQI) followed by USEPA guideline to evaluate air pollution.

Table 1: National Ambient Air Quality Standards (NAAQS) for Bangladesh

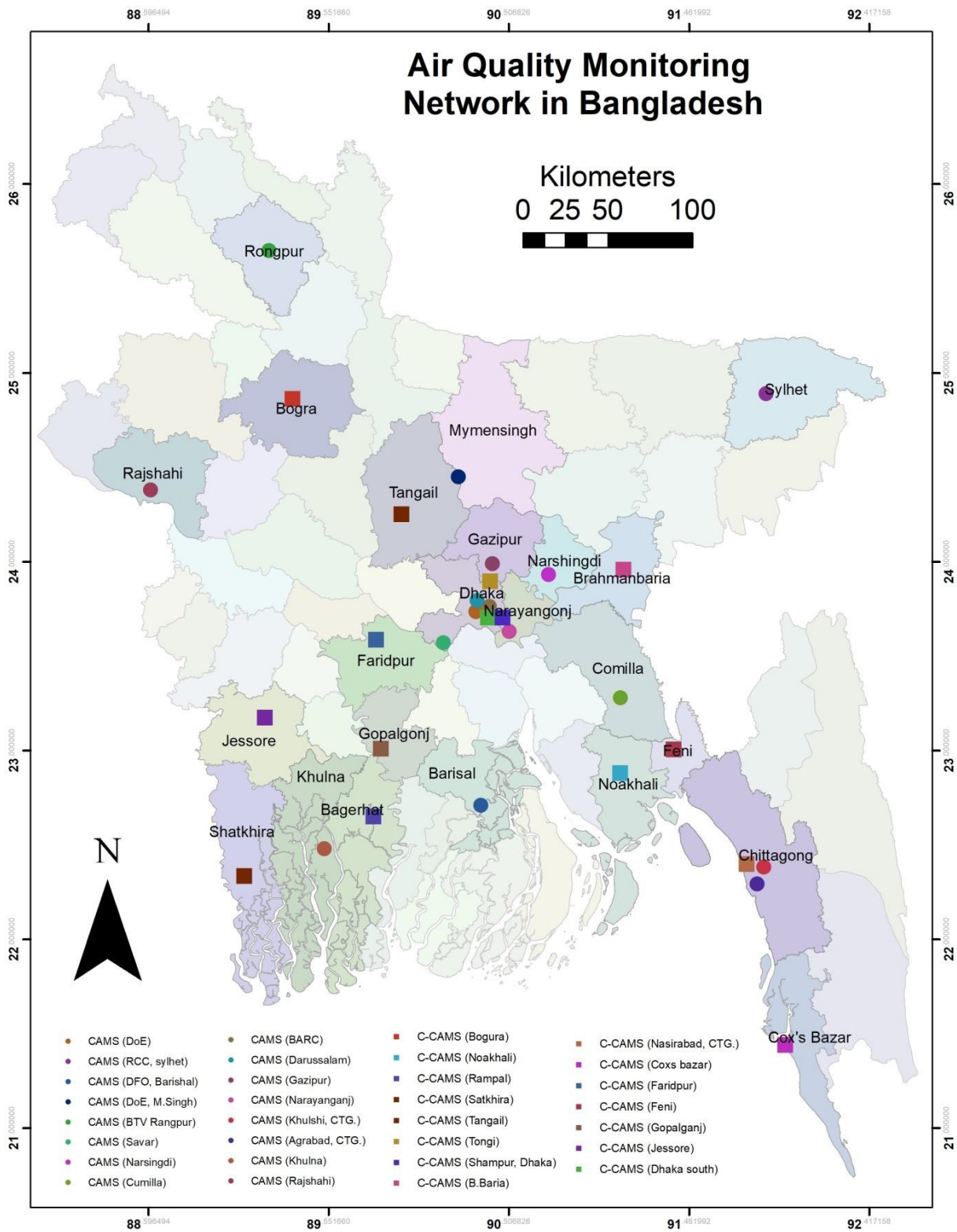
Pollutant	Limit Value	Averaging time
CO	5 mg/m ³	8 hours ^a
	20 mg/m ³	1 hour ^a
Pb	0.25 µg/m ³	Annual
	0.50 µg/m ³	24 hours
NO ₂	40 µg/m ³	Annual
	80 µg/m ³	24 hours
PM ₁₀	50 µg/m ³	Annual ^b
	150 µg/m ³	24 hours ^c
PM _{2.5}	35 µg/m ³	Annual
	65 µg/m ³	24 hours
O ₃	180 µg/m ³	1 hour ^d
	100 µg/m ³	8 hours
SO ₂	250 µg/m ³	1 hour
	80 µg/m ³	24 hours ^a

Table 2: Air quality index (AQI) in Bangladesh

Air quality index (AQI)	Category		Colour
	In English	In Bangla	
0-50	Good	ভাল	Green
51-100	Moderate	মধ্যম	Yellow
101-150	Unhealthy for Sensitive Group	সংবেদনশীল শ্রেণীর জন্য অস্বাস্থ্যকর	Orange
151-200	Unhealthy	অস্বাস্থ্যকর	Red
201-300	Very Unhealthy	খুব অস্বাস্থ্যকর	Purple
301-500	Hazardous	ঝুঁকিপূর্ণ	Maroon

Location Map of Air Monitoring Stations

Figure 1: Locations Map of Continuous Air Monitoring Stations (CAMS) under Department of Environment in Bangladesh.



Station Information

Table 3: Overview of the locations and capacity of the CAMS

City	ID	Location	Latitude/ Longitude	Monitoring Capacity	Year of Est.	Type	Inlet & Met tower Height(m)
Dhaka	CAMS-1	Dept of Environment	23°.77’73.94’’N 90°.37’26.03’’E	PM ₁₀ , PM _{2.5} , SO ₂ , CO, O ₃ & NO _x with Meteorological Parameters	2012	UB/Res	4.8 & 8
	CAMS-2	Farmgate	23°.75’94.10’’N 90°.38’86.79’’E		2008	Rd/Com	8.8 & 11
	CAMS-3	Darussalam	23°.78’07.75’’N 90°.35’54.10’’E		2012	UB/Com	8.8 & 11
Gazipur	CAMS-4	Gazipur	23°.99’41.28’’N 90°.42’23.15’’E		2012	SUB	8.8 & 11
Narayanganj	CAMS-5	Narayanganj	23°.62’60.79’’N 90°.50’72.00’’E		2012	UB Industry	8.8 & 11
Chattogram	CAMS-6	TV Station, Khulshi	22°.36’04.87’’N 91°.80’04.54’’E		2006	UB1	4.8 & 7
	CAMS-7	Agrabad	22°.32’30.20’’N 91°.80’23.36’’E		2012	UB/Res	8.8 & 11
Khulna	CAMS-8	Boyra	22°.83’57.75’’N 89°.52’90.56’’E		2008	UB	6.8 & 10
Rajshahi	CAMS-9	Sapura	24°.38’33.20’’N 88°.60’80.07’’E		2008	Rd/Res	6.8 & 10
Sylhet	CAMS-10	Red Crecent Campus	24°.88’83.34’’N 91°.86’73.47’’E		2012	Rd/UB/Res	13.8 & 15
Barishal	CAMS-11	DFO Office Campus	22°.71’02.87’’N 90°.36’25.98’’E		2012	UB/Res	6.8 & 10
Mymensingh	CAMS-12	DoE Office, Divisional Headquarter	24°.76’24.58’’N 90°.40’21.02’’E		2019	UB	8.8 & 11
Rangpur	CAMS-13	BTV Rangpur Station	25°.74’73.71’’N 89°.22’89.31’’E		2019	UB	8.8 & 11
Savar	CAMS-14	Atomic Energy Research Institute	23°.95’37.04’’N 90°.27’97.94’’E		2019	SUB	10.8 & 14
Narsingdi	CAMS-15	Sadar Upazila Complex	23°.93’24.56’’N 90°.71’65.98’’E		2019	SUB	8.8 & 11
Cumilla	CAMS-16	Court Area	23°.47’29.88’’N 91°.18’06.71’’E		2019	UB	8.8 & 11
UB: Urban; Rd: Road; Res: residential; Com: Commercial; SUB: Suburban; Rural: Rural							

Table 4: Overview of the locations and capacity of the C-CAMS

City	ID	Location	Lat/Lon	Year of Est.	Type	Monitoring Capacity	Inlet & Met tower Height(m)
Faridpur	C-CAMS-17	Sadar, Faridpur (Municipal Office)	23°.60’64.11’’N 89°.83’88.19’’E	2020	SUB	PM ₁₀ , PM _{2.5} , SO ₂ , CO, O ₃ & NOx with Meteorologic al Parameters	9 & 11
Jashore	C-CAMS-18	Sadar, Jashore (circuit house)	23°.16’22.16’’N 89°.20’63.70’’E		SUB		12 & 14
Satkhira	C-CAMS-19	Shyamnagar, Satkhira	22°.31’59.96’’N 89°.04’31.70’’E		Rural		5.2 & 7.2
Bagerhat	C-CAMS-20	Rampal, Bagerhat (Maytree Super Thermal Power Project)	22°.59’60.86’’N 89°.55’37.20’’E		Rural/ Industrial		5.7 & 7.7
Gopalganj	C-CAMS-21	Sadar, Gopalganj	23°.00’88.53’’N 89°.82’91.60’’E		SUB		22 & 24
Tangail	C-CAMS-22	Sadar, Tangail (DoE office)	24°.24’97.96’’N 89°.92’93.57’’E		SUB		15 & 17
Bogura	C-CAMS-23	Sadar, Bogura (DoE Office)	24°.86’17.79’’N 89°.36’11.46’’E		SUB		9 & 11
Tongi	C-CAMS-24	BSCIC, Tongi, Gazipur	23°.89’41.74’’N 90°.41’12.10’’E		Com/ Industrial		18 & 20
BUET	C-CAMS-25	Department of Chemical Engineering, BUET, Dhaka	23°.72’75.91’’N 90°.39’27.97’’E		UB		10 & 12
Brahmanbaria	C-CAMS-26	Sadar, B.Baria (municipal Office)	23°.97’43.71’’N 91°.10’97.69’’E		SUB		18 & 20
Feni	C-CAMS-27	Sadar, Feni (DoE Office)	23°.00’62.97’’N 91°.38’13.05’’E		SUB		18 & 20
Noakhali	C-CAMS-28	Maijdi Bazar, Noakhali (DoE Office)	22°.88’11.48’’N 91°.09’69.66’’E		SUB		15 & 17
Chattogram BSRM	C-CAMS-29	BSRM, Nasirabad, Chattogram	22°.37’28.38’’N 91°.81’80.54’’E		UB/Indus trial		12 & 14
Cox’s-Bazar	C-CAMS-30	Saymon Road, Sadar, Cox’s-Bazar (DoE Office)	21°.44’22.08’’N 91°.97’10.83’’E		SUB		9 & 11
Nagor Bhaban, Dhaka	C-CAMS-31	Nagar Bhaban, DSCC, Dhaka	23°.72’40.75’’N 90°.40’91.42’’E		UB/Com		13 & 15
UB: Urban; Rd: Road; Res: residential; Com: Commercial; SUB: Suburban; Rural: Rural							

Table 5: Summary of components April, 2026

Parameter	Summary	DoE	BARC	Darus-sala	Gazipur	Narayanganj	TV-Station,	Agrabad, Cha	Sylhet	Khulna	Rajshahi	Barisal	Savar	Mymensingh	Rangpur	Cumilla	Narshingdi
SO2 -24 hr (ppb)	Average	16.6	4.9	DNA	10.3	DNA	DNA	2.3	3.9	DNA	18.8	DNA	3.1	2.2	3.8	1.8	2.9
	Max	27.3	21.1	DNA	10.7	DNA	DNA	4.1	7.6	DNA	32.5	DNA	5.5	8.4	11.9	10.0	17.7
	Min	6.2	2.1	DNA	10.1	DNA	DNA	1.5	1.1	DNA	11.5	DNA	1.4	0.1	0.6	0.3	1.7
	Excedance(Days)	0.0	0.0	DNA	0.0	DNA	DNA	0.0	0.0	DNA	1.0	DNA	0.0	0.0	0.0	0.0	0.0
	Data capture(%)	96.8	96.8	DNA	64.5	DNA	DNA	90.3	19.4	DNA	25.8	DNA	96.8	61.3	90.3	96.8	96.8
NO2 -24 hr (ppb)	Average	16.6	12.00	DNA	DNA	DNA	31.5	DNA	DNA	2.7	17.2	DNA	3.6	2.6	2.6	4.3	24.0
	Max	29.3	79.12	DNA	DNA	DNA	163.6	DNA	DNA	11.8	23.4	DNA	4.2	2.8	13.2	7.0	37.8
	Min	6.4	2.83	DNA	DNA	DNA	0.3	DNA	DNA	1.3	10.9	DNA	2.2	2.4	0.1	4.1	13.6
	Excedance(Days)	0.0	1.00	DNA	DNA	DNA	2.0	DNA	DNA	0.0	0.0	DNA	0.0	0.0	0.0	0.0	0.0
	Data capture(%)	96.8	96.77	DNA	DNA	DNA	29.0	DNA	DNA	93.5	25.8	DNA	96.8	96.8	90.3	96.8	96.8
CO-8hr (ppm)	Average	0.2	5.5	DNA	2.3	DNA	4.2	1.1	DNA	0.9	0.6	DNA	1.7	1.0	0.6	0.5	0.5
	Max	0.8	14.3	DNA	4.0	DNA	11.7	1.8	DNA	3.2	3.0	DNA	3.9	2.6	12.5	3.4	3.6
	Min	0.0	0.3	DNA	0.7	DNA	0.9	0.5	DNA	0.9	0.0	DNA	0.5	0.6	0.0	0.1	0.2
	Excedance(Hour)	0.0	97.0	DNA	0.0	DNA	33.0	0.0	DNA	0.0	0.0	DNA	0.0	0.0	3.0	0.0	0.0
	Data capture(%)	48.3	86.9	DNA	9.7	DNA	96.8	41.3	DNA	92.2	16.9	DNA	91.9	99.1	79.8	99.1	96.5
O3-8hr (ppb)	Average	13.2	83.2	DNA	5.7	DNA	4.9	8.3	0.9	7.7	13.3	DNA	14.6	17.7	16.2	12.7	21.1
	Max	42.2	145.4	DNA	6.8	DNA	10.6	21.6	3.5	32.5	27.4	DNA	60.8	44.3	41.6	44.1	66.1
	Min	0.7	2.1	DNA	5.1	DNA	2.2	2.6	0.1	3.3	1.3	DNA	1.2	3.1	0.5	2.5	0.6
	Excedance(Hour)	0.0	185.0	DNA	0.0	DNA	0.0	0.0	0.0	0.0	0.0	DNA	0.0	0.0	0.0	0.0	0.0
	Data capture(%)	97.7	44.0	DNA	63.2	DNA	99.1	92.6	9.1	92.2	24.2	DNA	99.1	99.1	91.1	99.1	99.1
PM2.5 -24hr (ug/m3)	Average	56.4	4.5	75.6	131.3	DNA	53.1	90.9	36.8	32.0	57.1	40.3	127.9	47.4	36.7	53.4	32.5
	Max	95.8	4.5	123.5	207.1	DNA	123.8	153.1	131.1	101.3	87.4	108.4	223.9	114.9	54.9	102.0	87.7
	Min	38.0	4.5	46.1	45.2	DNA	27.5	35.5	13.5	10.1	47.3	16.0	15.9	12.1	8.6	22.3	6.0
	Excedance(Days)	5.0	0.0	18.0	25.0	DNA	7.0	22.0	1.0	1.0	1.0	3.0	24.0	8.0	0.0	6.0	1.0
	Data capture(%)	96.8	3.2	80.6	87.1	DNA	96.8	83.9	77.4	93.5	25.8	96.8	96.8	96.8	90.3	96.8	96.8
PM10-24hr (ug/m3)	Average	87.5	62.8	102.7	205.9	DNA	93.4	107.0	98.8	72.9	86.6	DNA	231.5	102.0	98.1	88.3	107.7
	Max	143.6	155.8	196.8	258.0	DNA	150.9	188.2	222.8	204.7	108.5	DNA	290.9	222.9	163.8	172.0	171.2
	Min	49.9	36.1	42.4	135.3	DNA	48.0	31.4	32.6	13.7	69.1	DNA	171.5	27.6	32.6	26.8	30.1
	Excedance(Days)	0.0	1.0	4.0	2.0	DNA	1.0	2.0	3.0	2.0	0.0	DNA	17.0	5.0	1.0	2.0	3.0
	Data capture(%)	96.8	93.5	58.1	9.7	DNA	96.8	83.9	83.9	93.5	25.8	DNA	54.8	96.8	90.3	96.8	96.8
Solar rad. 1hr (W/m2)	Average	89.53	184.11	170.5	DNA	DNA	783.3	163.9	4.28	1054.0	201.2	114.9	211.8	160.6	290.4	198.8	280.5
	Max	368.10	830.4	1019.9	DNA	DNA	797.3	839.7	4.60	2181.8	870.5	688.1	863.7	786.3	945.5	814.5	937.6
	Min	0.30	0.1	993.3	DNA	DNA	441.8	6.8	3.69	9.2	0.0	6.3	0.0	0.0	0.1	0.0	0.0
	Data capture(%)	6.72	87	98	DNA	DNA	88	94	66.40	78	70	83	69.8	75.8	61.8	81.3	62.5
Relative Humidity 1hr (%)	Average	71.96	65.3	70.9	DNA	DNA	45.3	77.0	DNA	49.3	74.4	83.8	75.1	93.6	86.2	80.6	49.1
	Max	98.97	78.3	95.6	DNA	DNA	58.4	100.0	DNA	72.8	99.0	87.7	100.0	99.5	99.9	100.0	68.9
	Min	40.99	47.6	29.0	DNA	DNA	44.8	33.3	DNA	22.2	45.2	61.6	23.8	24.2	37.4	40.0	18.0
	Data capture(%)	93.55	3.1	100.0	DNA	DNA	88	93	DNA	78	27	83	70.4	91.7	97.8	59.7	90.9
Ambient Temp. 1hr (degreeC)	Average	DNA	27.3	29.6	DNA	DNA	24.2	DNA	DNA	29.4	16.8	DNA	20.7	25.2	24.9	26.9	26.9
	Max	DNA	37.0	36.2	DNA	DNA	26.7	DNA	DNA	37.8	27.8	DNA	34.0	32.2	33.1	34.2	34.2
	Min	DNA	9.5	11.3	DNA	DNA	14.9	DNA	DNA	18.2	11.5	DNA	11.0	16.6	13.7	16.3	16.0
	Data capture(%)	DNA	35.5	75	DNA	DNA	88	DNA	DNA	78	90	DNA	99.1	88.8	93.7	96.5	90.2
Rainfall 1hr (mm)	Average	0.00	0.13	DNA	DNA	DNA	DNA	DNA	DNA	0.00	0.01	DNA	0.02	0.03	0.06	0.03	0.06
	Max	0.00	25.80	DNA	DNA	DNA	DNA	DNA	DNA	2.80	1.40	DNA	5.05	4.37	10.00	10.60	15.00
	Min	0.00	0.00	DNA	DNA	DNA	DNA	DNA	DNA	0.00	0.00	DNA	0.00	0.00	0.00	0.00	0.00
	Data capture(%)	100.00	100.00	DNA	DNA	DNA	DNA	DNA	DNA	100.00	96.77	DNA	100.00	100.00	100.00	100.00	100.00
CAMS= Continuous Air Monitoring Station, NAAQS=National Ambient Air Quality Standard, a=Refurbisment CAMS, PM= Particulate Matter																	
DNA= Data Not Available																	

Table 6: Air Quality Index (AQI) April, 2026

Date	Dhaka	Chattogram	Gazipur	Narayanganj	Sylhet	Khulna	Rajshahi	Barishal	Savar	Mymensingh	Rangpur	Cumilla	Norshingdi
1/4/2026	150	168	164	DNA	152	DNA	167	88	DNA	154	131	123	132
2/4/2026	157	150	161	DNA	82	75	170	76	153	162	134	152	97
3/4/2026	142	128	DNA	DNA	DNA	DNA	156	58	147	156	148	104	79
4/4/2026	158	160	DNA	DNA	DNA	120	167	68	156	160	136	113	92
5/4/2026	154	153	159	DNA	DNA	96	161	121	159	172	133	154	115
6/4/2026	159	184	169	DNA	DNA	112	164	144	165	181	115	174	148
7/4/2026	144	164	135	DNA	DNA	120	118	106	156	154	107	162	170
8/4/2026	162	132	142	DNA	85	62	85	81	154	144	82	120	DNA
9/4/2026	151	180	155	DNA	94	65	137	169	152	149	81	145	97
10/4/2026	161	174	164	DNA	93	120	159	119	176	151	79	153	123
11/4/2026	183	207	DNA	DNA	103	151	163	123	186	162	120	160	143
12/4/2026	162	170	178	DNA	110	153	162	101	165	167	147	157	118
13/4/2026	156	163	157	DNA	80	109	173	97	156	157	118	152	104
14/4/2026	155	199	154	DNA	96	60	157	116	152	93	121	152	88
15/4/2026	151	DNA	153	DNA	56	87	142	104	151	112	148	148	96
16/4/2026	161	157	157	DNA	85	155	175	137	157	86	88	152	94
17/4/2026	142	102	167	DNA	118	75	152	178	155	122	109	156	100
18/4/2026	140	121	DNA	DNA	102	72	136	75	156	85	104	152	89
19/4/2026	156	148	155	DNA	72	94	160	88	156	82	72	151	82
20/4/2026	142	126	149	DNA	81	128	160	88	132	70	107	128	64
21/4/2026	129	146	142	DNA	65	62	120	83	DNA	DNA	108	94	DNA
22/4/2026	154	152	145	DNA	68	165	133	136	137	66	103	105	74
23/4/2026	162	159	168	DNA	76	53	158	124	154	80	88	131	91
24/4/2026	154	165	156	DNA	96	188	160	126	154	95	DNA	152	102
25/4/2026	160	186	DNA	DNA	133	57	174	156	163	95	DNA	153	114
26/4/2026	61	145	133	DNA	77	48	148	82	151	102	DNA	147	67
27/4/2026	154	87	95	DNA	54	58	113	63	113	71	DNA	147	67
28/4/2026	126	91	84	DNA	62	84	133	81	92	50	DNA	147	67
29/4/2026	137	103	92	DNA	90	51	81	61	109	53	DNA	147	67
30/4/2026	123	133	150	DNA	85	47	99	61	110	64	53	83	77

Figure 2: Graphical representation of Gaseous and Particulate matter.

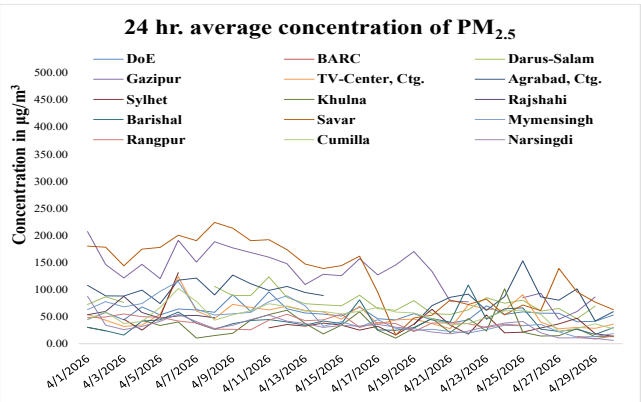
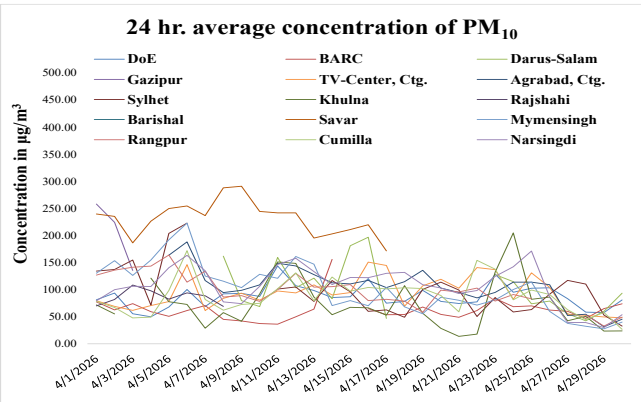
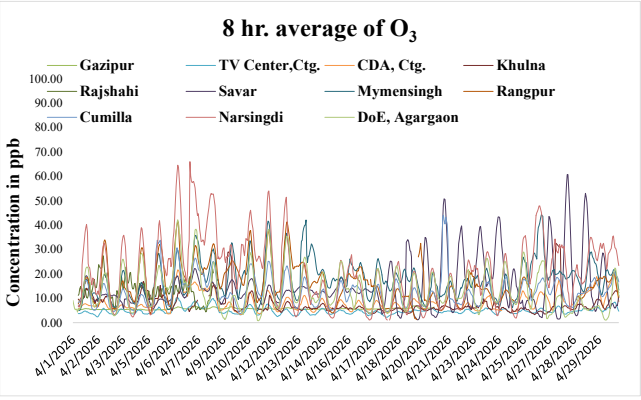
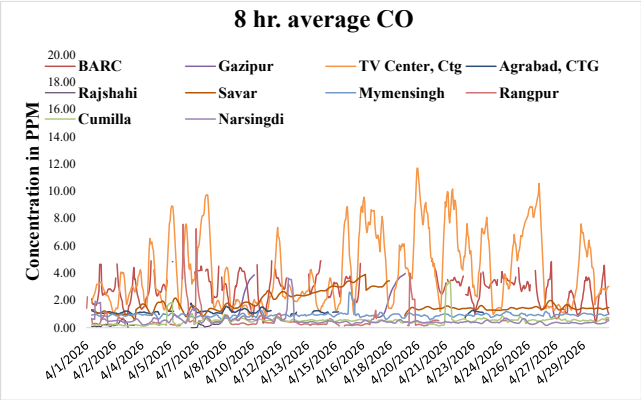
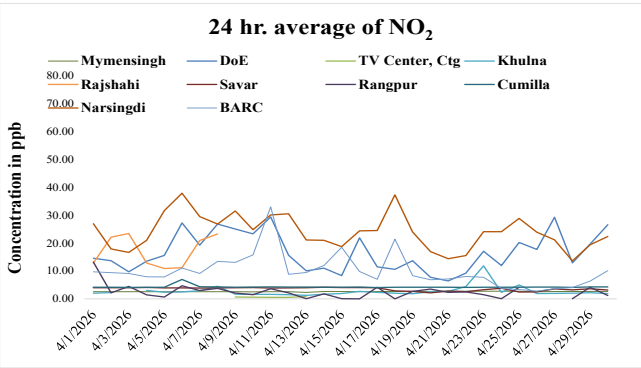
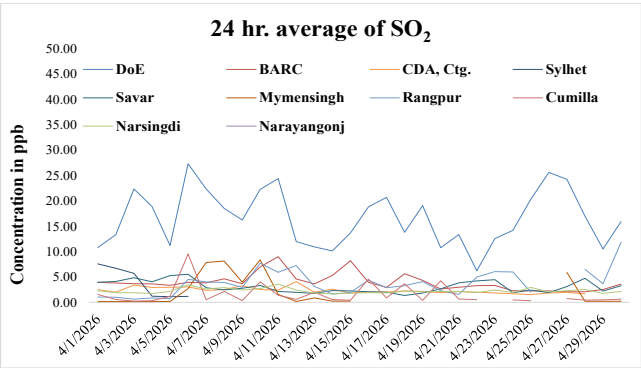
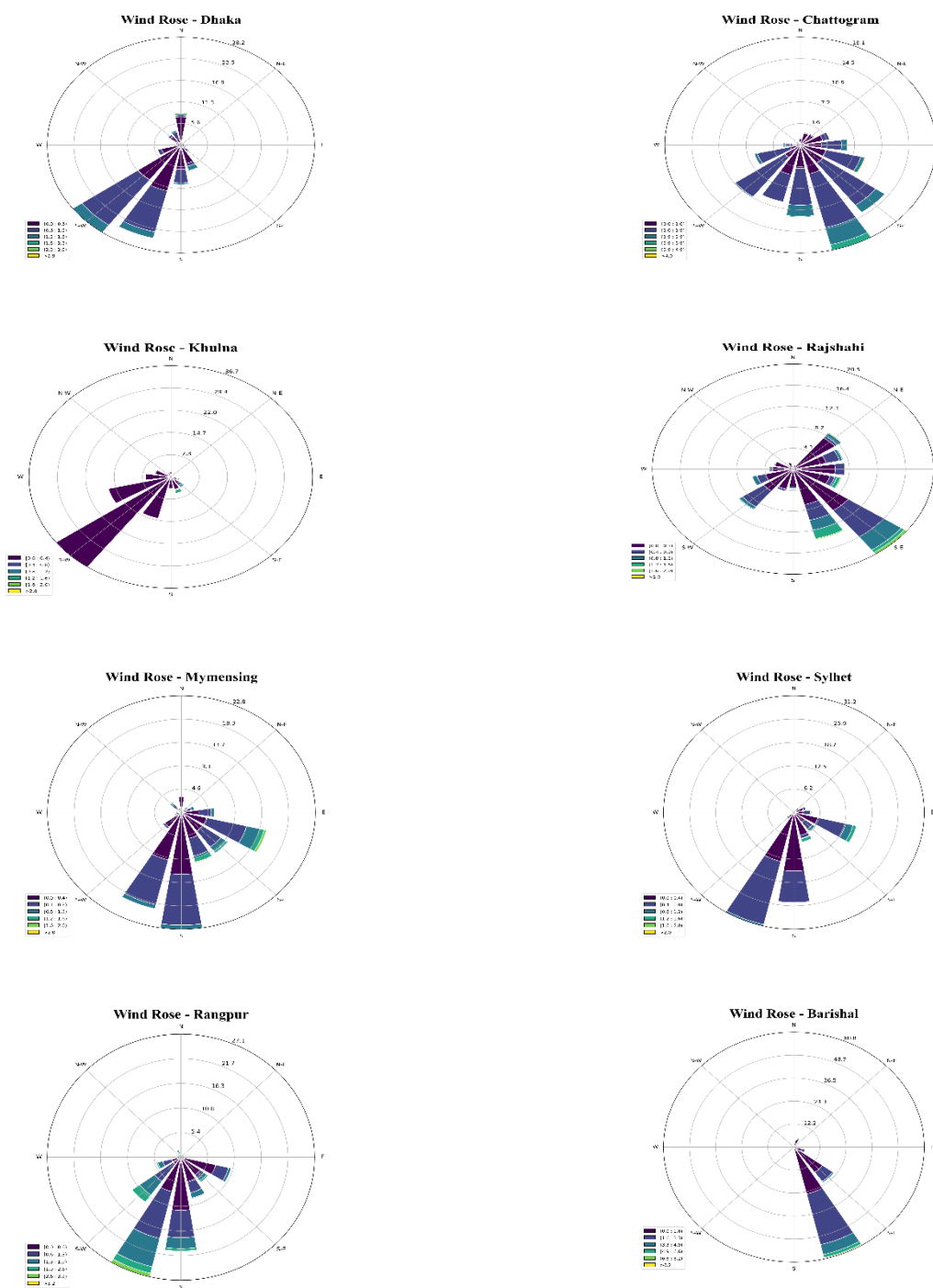


Figure 3: Wind Rose Pattern of Different Divisional Cities of Bangladesh in the Month of April_2026.



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