



Air Quality Monthly Report

February, 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, Mymensing, Narsindi in the center, Chittagong in the south-east. Khulna Cumilla and Barisal 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 National 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

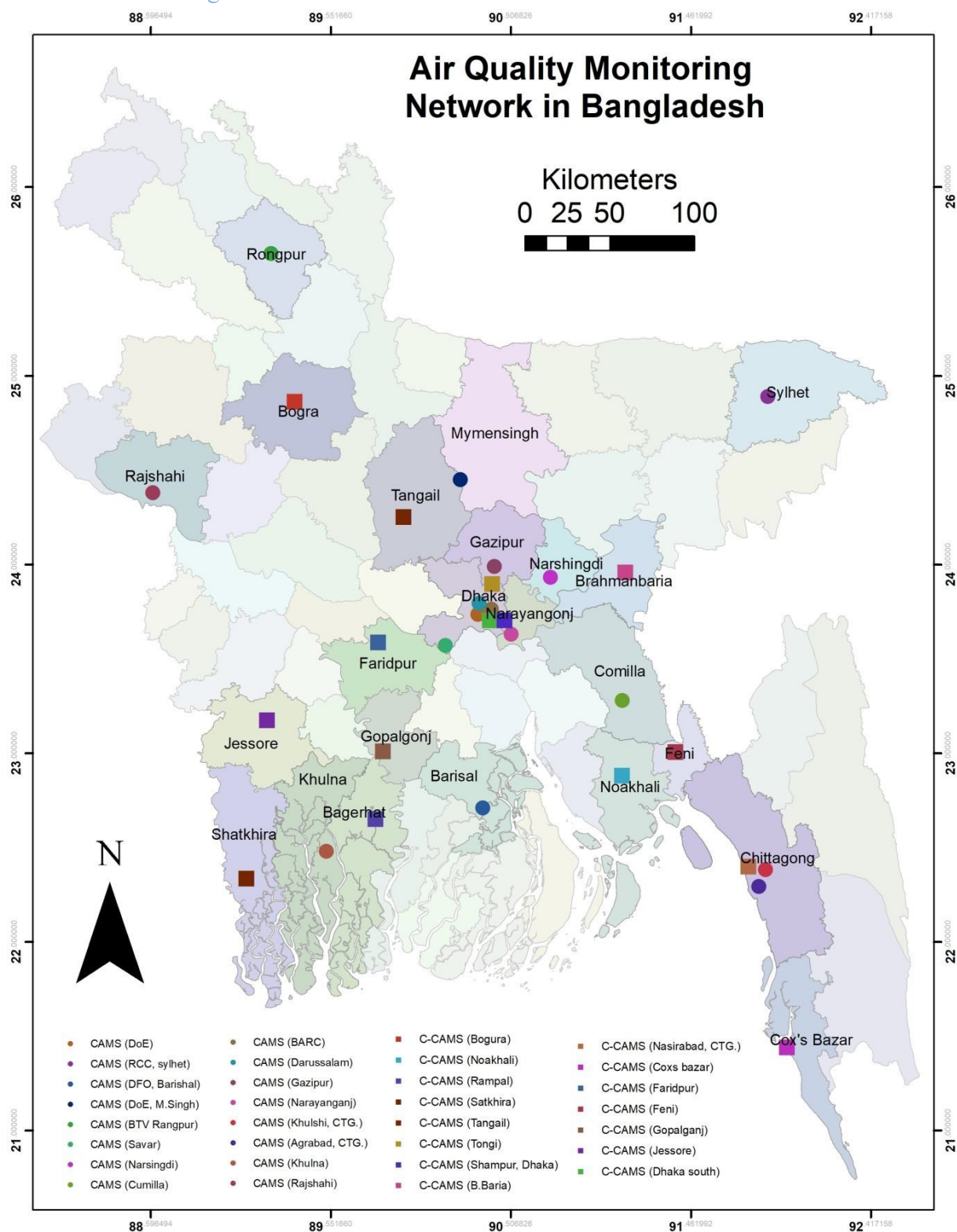
Pollutant	Limit Value	Averaging time
CO	5 mg/m ³	8 hours ^a
	20 mg/m ³	1 hour ^a
Pb	0.25 µg/m ³	Annual
	0.50 µg/m ³	24 hours
NO ₂	40 µg/m ³	Annual
	80 µg/m ³	24 hours
PM ₁₀	50 µg/m ³	Annual ^b
	150 µg/m ³	24 hours ^c
PM _{2.5}	35 µg/m ³	Annual
	65 µg/m ³	24 hours
O ₃	180 µg/m ³	1 hour ^d
	100 µg/m ³	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 Green
101-150	Unhealthy for Sensitive Group	সংবেদনশীল শ্রেণীর জন্য অস্বাস্থ্যকর	Yellow
151-200	Unhealthy	অস্বাস্থ্যকর	Orange
201-300	Very Unhealthy	খুব অস্বাস্থ্যকর	Red
301-500	Hazardous	ঝুঁকিপূর্ণ	Purple

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 February, 2026

Parameter	Summary	DoE	BARC	Darus-sala	Gazipur	Narayanganj	TV-Station	Agrabad, Chittagong	Sylhet	Khulna	Rajshahi	Barisal	Savar	Mymensingh	Rangpur	Cumilla	Narshingdi
SO2 -24 hr	Average	14.1	4.2	DNA	12.8	DNA	9.2	4.2	1.2	DNA	5.1	DNA	9.4	2.2	1.7	5.5	2.0
	Max	33.5	10.0	DNA	13.7	DNA	21.6	9.9	1.9	DNA	8.5	DNA	20.4	6.1	2.4	9.7	4.8
	Min	4.4	0.4	DNA	11.2	DNA	1.9	2.6	0.8	DNA	1.6	DNA	4.0	0.5	0.8	1.7	0.8
	Excedance(Days)	1.0	0.0	DNA	0.0	DNA	0.0	0.0	0.0	DNA	0.0	DNA	0.0	0.0	0.0	0.0	0.0
	Data capture(%)	90.3	74.2	DNA	16.1	DNA	90.3	90.3	71.0	DNA	90.3	DNA	90.3	90.3	45.2	90.3	67.7
NO2 -24 hr	Average	34.2	7.93	DNA	DNA	DNA	15.0	DNA	DNA	2.1	2.4	DNA	3.6	3.0	25.2	4.2	34.4
	Max	60.2	23.87	DNA	DNA	DNA	26.5	DNA	DNA	3.0	3.0	DNA	6.3	3.3	49.6	4.3	43.9
	Min	15.9	3.85	DNA	DNA	DNA	7.2	DNA	DNA	1.7	1.5	DNA	0.1	2.7	5.3	4.2	25.5
	Excedance(Days)	4.0	0.00	DNA	DNA	DNA	0.0	DNA	DNA	0.0	0.0	DNA	0.0	0.0	1.0	0.0	2.0
	Data capture(%)	90.3	87.10	DNA	DNA	DNA	90.3	DNA	DNA	87.1	16.1	DNA	61.3	90.3	22.6	41.9	77.4
CO-8hr	Average	0.6	0.9	DNA	DNA	DNA	2.9	1.4	DNA	DNA	DNA	DNA	0.5	1.2	1.9	0.9	0.9
	Max	2.5	1.5	DNA	DNA	DNA	4.0	2.3	DNA	DNA	DNA	DNA	1.0	2.8	3.8	2.4	2.8
	Min	0.1	0.4	DNA	DNA	DNA	1.7	1.1	DNA	DNA	DNA	DNA	0.1	0.4	0.7	0.2	0.2
	Excedance(Hour)	0.0	0.0	DNA	DNA	DNA	0.0	0.0	DNA	DNA	DNA	DNA	0.0	0.0	0.0	0.0	0.0
	Data capture(%)	92.4	94.0	DNA	DNA	DNA	94.9	99.0	DNA	DNA	DNA	DNA	99.0	99.0	98.4	99.0	85.7
O3-8hr	Average	20.1	6.8	DNA	DNA	DNA	8.0	12.7	DNA	10.9	6.4	DNA	20.4	24.8	20.0	16.4	33.8
	Max	39.6	42.5	DNA	DNA	DNA	16.4	23.7	DNA	28.7	23.6	DNA	67.0	52.9	60.7	48.2	59.7
	Min	0.3	0.2	DNA	DNA	DNA	2.6	2.8	DNA	5.6	1.2	DNA	1.4	3.4	0.2	0.6	3.8
	Excedance(Hour)	0.0	0.0	DNA	DNA	DNA	0.0	0.0	DNA	0.0	0.0	DNA	31.0	2.0	32.0	0.0	83.0
	Data capture(%)	100.0	94.0	DNA	DNA	DNA	99.0	99.0	DNA	52.2	99.0	DNA	99.0	99.0	96.0	99.0	83.2
PM2.5 -24hr	Average	140.6	118.3	237.7	174.2	DNA	154.4	129.7	97.4	123.3	129.4	119.6	140.5	147.9	106.5	193.9	94.9
	Max	182.4	220.3	283.7	224.4	DNA	206.6	253.7	123.7	165.8	159.9	153.6	270.1	217.1	146.7	263.5	121.1
	Min	102.9	18.3	190.1	115.8	DNA	81.4	72.7	76.4	83.1	83.8	77.2	18.7	85.4	73.6	138.7	70.2
	Excedance(Days)	28.0	18.0	6.0	28.0	DNA	28.0	24.0	16.0	27.0	28.0	28.0	18.0	28.0	28.0	28.0	21.0
	Data capture(%)	90.3	87.1	19.4	90.3	DNA	90.3	77.4	51.6	87.1	90.3	90.3	83.9	90.3	90.3	90.3	67.7
PM10 -24hr	Average	252.6	DNA	236.1	DNA	DNA	184.1	DNA	224.4	168.5	232.8	DNA	DNA	230.9	259.2	210.7	278.4
	Max	346.4	DNA	319.3	DNA	DNA	257.3	DNA	331.5	234.8	292.2	DNA	DNA	360.1	349.4	335.8	392.2
	Min	178.7	DNA	176.9	DNA	DNA	110.0	DNA	144.5	112.4	163.6	DNA	DNA	136.7	189.4	156.4	168.6
	Excedance(Days)	28.0	DNA	24.0	DNA	DNA	23.0	DNA	20.0	19.0	28.0	DNA	DNA	26.0	28.0	26.0	25.0
	Data capture(%)	90.3	DNA	77.4	DNA	DNA	83.9	DNA	67.7	87.1	90.3	DNA	DNA	90.3	90.3	83.9	80.6
Solar rad. 1hr	Average	333.48	291.60	113.1	DNA	DNA	758.1	110.2	DNA	526.2	174.1	DNA	252.5	146.2	341.1	238.2	294.2
	Max	1148.50	712.8	608.0	DNA	DNA	797.3	429.3	DNA	1182.2	557.9	DNA	654.2	505.3	762.3	557.7	676.3
	Min	18.00	0.1	7.1	DNA	DNA	470.1	6.7	DNA	35.6	0.0	DNA	0.0	0.0	0.7	0.0	0.0
	Data capture(%)	4.61	49	100	DNA	DNA	98	100	DNA	38	47	DNA	56.8	55.4	48.8	56.3	39.6
Relative Hum	Average	51.87	30.4	57.5	DNA	DNA	DNA	53.8	DNA	51.4	90.5	87.0	55.3	72.2	77.5	66.6	43.4
	Max	78.17	64.1	85.8	DNA	DNA	DNA	94.3	DNA	81.6	90.8	88.9	89.1	99.5	99.6	100.0	86.9
	Min	19.71	15.1	21.5	DNA	DNA	DNA	15.1	DNA	38.6	83.6	84.3	16.4	25.8	27.8	15.7	15.0
	Data capture(%)	98.96	68.8	100.0	DNA	DNA	DNA	100	DNA	80	99	100	99.7	100.0	100.0	85.3	84.7
Ambient Temp. 1hr	Average	DNA	23.4	28.6	DNA	DNA	26.4	24.6	DNA	23.3	23.8	DNA	21.4	21.5	20.2	22.0	22.5
	Max	DNA	31.8	34.1	DNA	DNA	28.9	32.2	DNA	32.0	33.7	DNA	31.1	29.4	30.0	33.3	31.5
	Min	DNA	16.4	15.0	DNA	DNA	23.4	12.0	DNA	15.5	10.2	DNA	13.7	14.0	12.3	14.0	14.4
	Data capture(%)	DNA	93.6	63	DNA	DNA	98	42	DNA	80	99	DNA	99.9	99.4	98.5	99.6	79.3
Rainfall 1hr	Average	DNA	0.00	DNA	DNA	DNA	DNA	DNA	DNA	0.00	0.00	DNA	0.00	0.00	0.00	0.00	0.00
	Max	DNA	0.00	DNA	DNA	DNA	DNA	DNA	DNA	0.00	0.00	DNA	0.00	0.60	0.00	2.05	0.00
	Min	DNA	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(%)	DNA	100.00	DNA	DNA	DNA	DNA	DNA	DNA	100.00	100.00	DNA	100.00	100.00	100.00	100.00	100.00
CAMS= Continuous Air Monitoring Station, NAAQS=National Ambient Air Quality Standard, a=Refurbishment CAMS, PM= Particulate Matter																	
DNA= Data Not Available																	

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

Date	Dhaka	Chattogram	Gazipur	Narayangonj	Sylhet	Khulna	Rajshahi	Barishal	Savar	Mymensingh	Rangpur	Cumilla	Norshingdi
1/2/2026	188	175	209	DNA	169	137	179	186	DNA	195	172	210	170
2/2/2026	200	180	220	DNA	DNA	190	192	203	DNA	201	182	249	176
3/2/2026	214	211	275	DNA	DNA	165	196	196	210	196	185	222	166
4/2/2026	203	227	239	DNA	DNA	179	180	197	226	187	179	206	175
5/2/2026	169	189	206	DNA	DNA	191	165	171	193	199	161	245	DNA
6/2/2026	200	162	192	DNA	DNA	172	167	184	191	171	169	195	DNA
7/2/2026	193	181	251	DNA	DNA	181	181	181	211	176	168	203	DNA
8/2/2026	199	183	196	DNA	DNA	185	186	186	196	211	177	233	160
9/2/2026	192	187	228	DNA	167	179	209	182	203	241	198	237	170
10/2/2026	145	176	224	DNA	98	153	154	136	96	199	111	230	106
11/2/2026	198	231	236	DNA	DNA	191	192	243	122	210	180	279	176
12/2/2026	158	196	200	DNA	DNA	177	176	171	84	177	176	247	160
13/2/2026	168	182	187	DNA	DNA	DNA	171	175	79	172	173	208	165
14/2/2026	150	192	182	DNA	DNA	DNA	171	167	64	166	167	224	163
15/2/2026	151	184	213	DNA	171	DNA	182	182	64	186	170	206	162
16/2/2026	165	182	194	DNA	169	176	196	176	78	179	185	199	163
17/2/2026	194	212	273	DNA	DNA	184	190	192	69	222	177	257	177
18/2/2026	232	192	261	DNA	DNA	186	184	200	318	267	178	217	DNA
19/2/2026	191	249	245	DNA	159	203	206	198	174	203	188	240	176
20/2/2026	197	DNA	230	DNA	160	193	200	181	258	217	180	274	185
21/2/2026	194	DNA	199	DNA	177	190	200	186	256	190	176	288	167
22/2/2026	166	DNA	201	DNA	161	184	188	185	241	189	160	265	170
23/2/2026	215	212	259	DNA	169	DNA	190	183	289	239	171	283	182
24/2/2026	231	191	241	DNA	163	215	189	193	314	229	189	205	178
25/2/2026	232	192	261	DNA	DNA	186	184	200	318	267	178	217	DNA
26/2/2026	214	196	214	DNA	163	177	201	239	306	203	175	290	DNA
27/2/2026	216	200	248	DNA	170	191	207	175	314	214	182	316	DNA
28/2/2026	216	200	248	DNA	170	191	207	175	314	214	182	316	DNA

Figure 2: Graphical representation of Gaseous and Particulate matter.

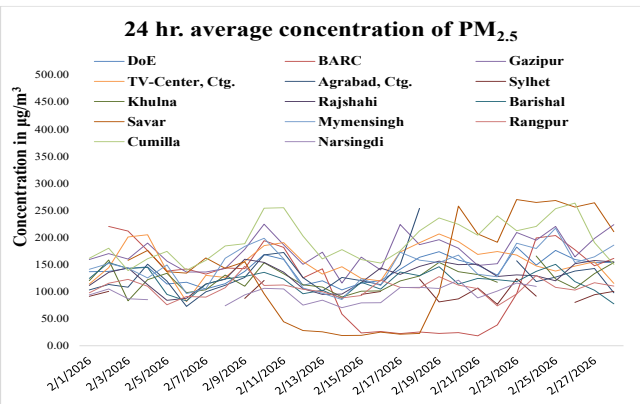
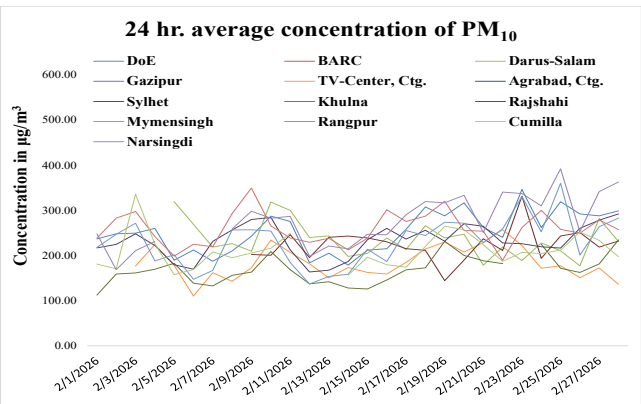
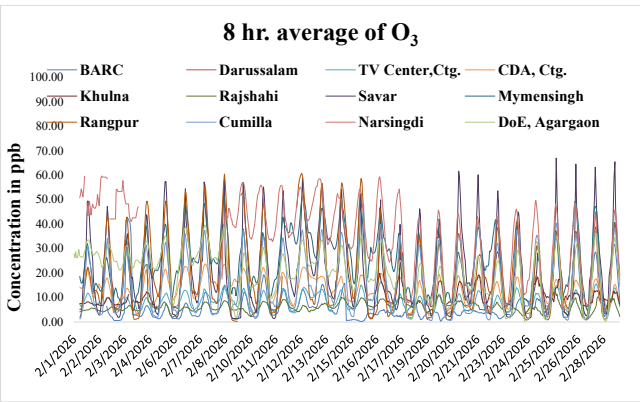
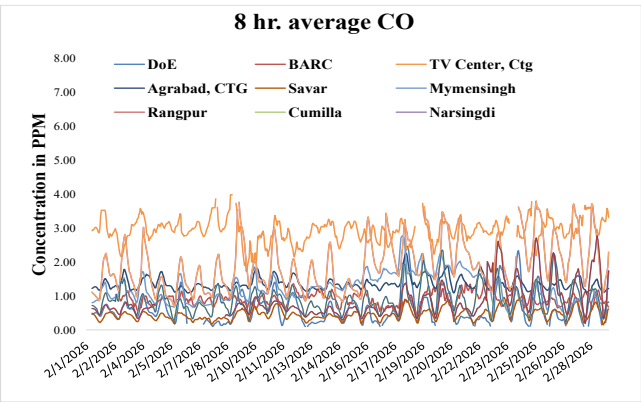
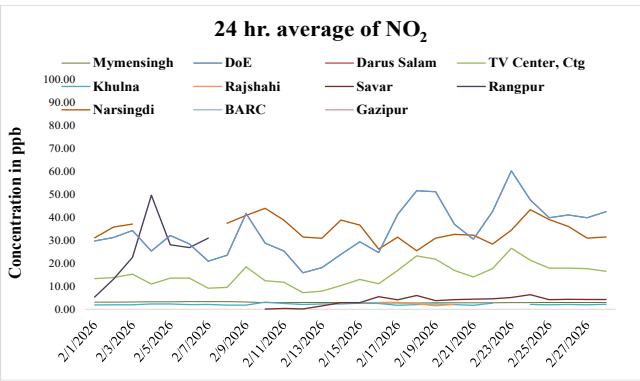
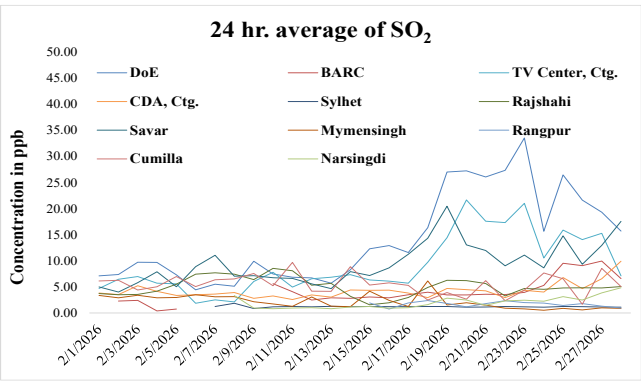
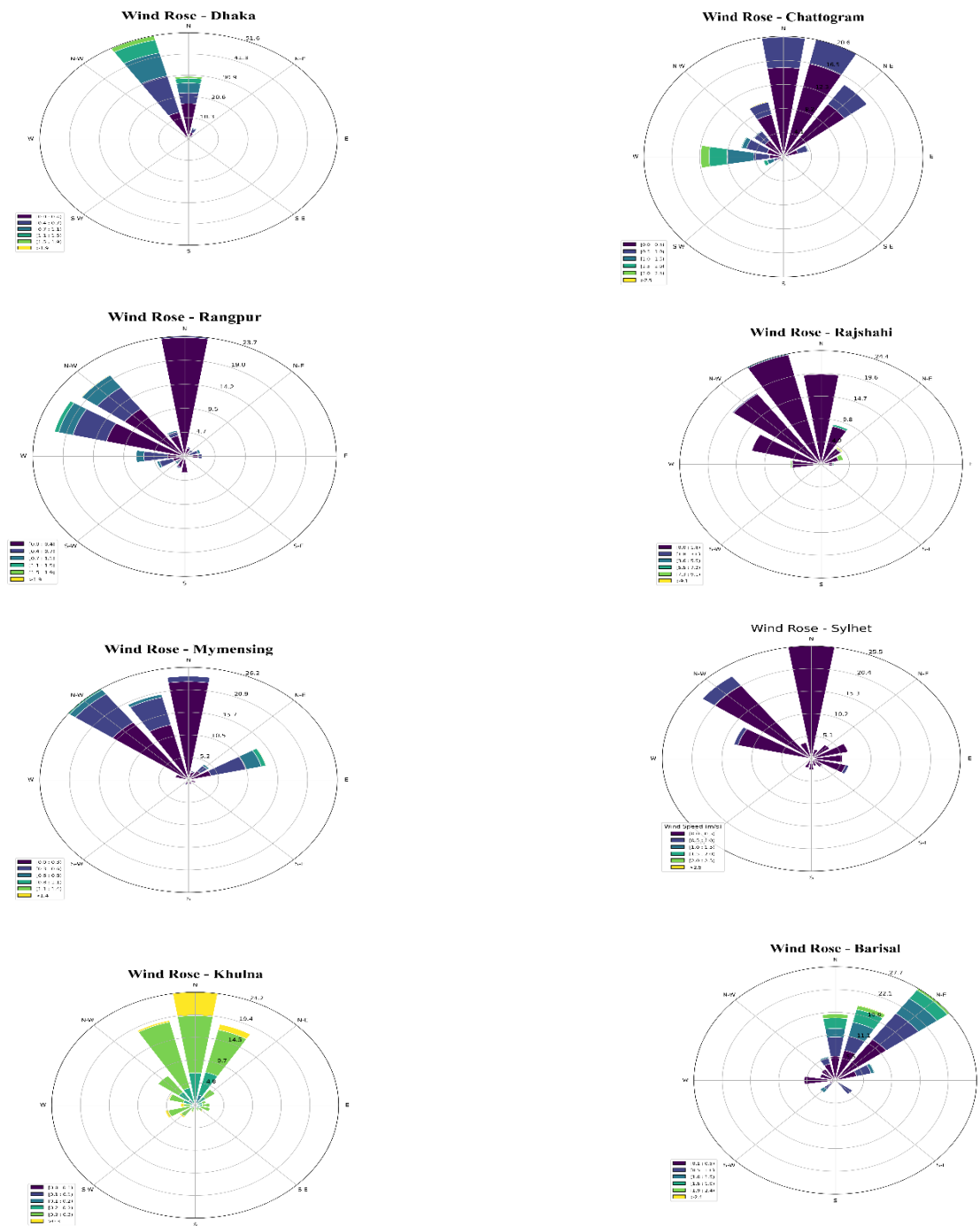


Figure 3: Wind Rose Pattern of Different Divisional Cities of Bangladesh in the Month of February_2026.



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