

MONTHLY AAQM DATA ALONG WITH AQI FOR 18 NAMP STATION

OCTOBER 2025

1. Air Quality Index is a tool for effective communication of air quality status to people in terms, which are easy to understand. It transforms complex air quality data of various pollutants into a single number (index value), nomenclature and color.

2. There are six AQI categories, namely Good, Satisfactory, Moderately polluted, Poor, Very Poor, and Severe. Each of these categories is decided based on ambient concentration values of air pollutants and their likely health impacts (known as health breakpoints). AQ sub-index and health breakpoints are evolved for eight pollutants (PM₁₀, PM_{2.5}, NO₂, SO₂, CO, O₃, NH₃, and Pb) for which short-term (up to 24-hours) National Ambient Air Quality Standards are prescribed.

3. Based on the measured ambient concentrations of a pollutant, sub-index is calculated, which is a linear function of concentration (e.g. the sub-index for PM_{2.5} will be 51 at concentration 31 µg/m³, 100 at concentration 60 µg/m³, and 75 at concentration of 45 µg/m³). The worst sub-index determines the overall AQI. AQI categories and health breakpoints for the eight pollutants are as follow:

Table 1 : AQI Category, Pollutants and Health Breakpoints								
AQI Category (Range)	PM ₁₀ 24-hr	PM _{2.5} 24-hr	NO ₂ 24-hr	O ₃ 8-hr	CO 8-hr (mg/m ³)	SO ₂ 24-hr	NH ₃ 24-hr	Pb 24-hr
Good (0-50)	0-50	0-30	0-40	0-50	0-1.0	0-40	0-200	0-0.5
Satisfactory (51-100)	51-100	31-60	41-80	51-100	1.1-2.0	41-80	201-400	0.5 –1.0
Moderate (101-200)	101-250	61-90	81-180	101-168	2.1- 10	81-380	401-800	1.1-2.0
Poor (201-300)	251-350	91-120	181-280	169-208	10-17	381-800	801-1200	2.1-3.0
Very poor (301-400)	351-430	121-250	281-400	209-748*	17-34	801-1600	1200-1800	3.1-3.5
Severe (401-500)	430 +	250+	400+	748+*	34+	1600+	1800+	3.5+

Table 2: AQI : Associated Health Impacts	
AQI	Associated Health Impacts
Severe (401-500)	SEVERE : May cause respiratory effects even on healthy people and serious health effect on people with lung/heart diseases
Very Poor (301-400)	VERY-POOR: May cause respiratory illness to the people on prolonged exposure. Effect may be more pronounced in people with lung and heart diseases
Poor (201-300)	POOR : May cause breathing discomfort to people on prolonged exposure and discomfort to people with heart disease
Moderate (101-200)	MODERATE : May cause breathing discomfort to the people with lung disease such as asthma and discomfort to people with heart disease Children and older adults
Satisfactory (51-100)	SATISFACTORY : May cause minor breathing discomfort to sensitive people
Good (0-50)	GOOD : Minimal impact

Station: Near Old GSPCB office		City :Panaji								
Duration:- October - 2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	3/10/2025	43	19	9	13	0.73	11	0.08	43	Good
2	7/10/2025	54	25	11	14	0.52	9	0.15	54	Satisfactory
3	10/10/2025	48	22	9	13	0.46	11	0.11	48	Good
4	13/10/2025	79	36	11	16	0.79	13	0.23	79	Satisfactory
5	14/10/2025	64	25	8	14	0.51	11	0.05	64	Satisfactory
6	15/10/2025	82	39	11	17	0.83	14	0.24	82	Satisfactory
7	16/10/2025	57	25	7	13	0.54	10	0.06	57	Satisfactory
8	17/10/2025	72	31	10	14	0.70	12	0.19	72	Satisfactory
9	18/10/2025	81	36	10	17	0.86	15	0.12	81	Satisfactory
10	19/10/2025	77	34	10	13	0.65	11	0.09	77	Satisfactory
11	20/10/2025	53	23	6	11	0.41	9	0.04	53	Satisfactory
12	21/10/2025	59	27	8	14	0.56	10	0.05	59	Satisfactory
13	22/10/2025	51	21	7	13	0.38	11	0.04	51	Satisfactory
14	23/10/2025	70	31	9	14	0.59	14	0.04	70	Satisfactory
15	24/10/2025	54	21	6	11	0.31	7	0.01	54	Satisfactory

16	25/10/2025	58	25	7	12	0.46	7	0.02	58	Satisfactory
17	26/10/2025	50	19	6	10	0.25	4	0.02	50	Good
18	27/10/2025	45	17	6	10	0.31	5	0.02	45	Good
19	28/10/2025	62	26	11	15	0.30	8	0.08	62	Satisfactory
20	31/10/2025	50	22	7	11	0.39	5	0.10	50	Satisfactory

Station: Within the premises of Municipality building									City :Mapusa	
Duration:-October - 2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	3/10/2025	53	23	8	13	0.52	11	0.11	53	Satisfactory
2	7/10/2025	63	28	11	15	0.64	11	0.16	63	Satisfactory
3	10/10/2025	47	23	9	15	0.41	10	0.13	47	Good
4	14/10/2025	60	30	10	16	0.59	12	0.17	60	Satisfactory
5	17/10/2025	68	29	9	14	0.68	8	0.14	68	Satisfactory
6	22/10/2025	50	22	10	13	0.75	11	0.10	50	Satisfactory
7	24/10/2025	42	18	8	13	0.34	8	0.07	42	Good
8	28/10/2025	37	16	6	12	0.51	11	0.05	37	Good
9	31/10/2025	30	14	5	10	0.27	6	0.02	30	Good

Station: Fuse Call Office				City: Vasco				
Duration:- October-2025								
Sr.No		Time Weighted Average (TWA)					AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m ³						
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃		
1	8/10/2025	49	16	2	5	31	49	Good
2	10/10/2025	60	33	2	5	10	60	Satisfactory
3	15/10/2025	55	37	2	5	31	62	Satisfactory
4	17/10/2025	50	40	4	10	50	66	Satisfactory
5	22/10/2025	18	11	2	5	41	18	Good
6	24/10/2025	35	18	2	5	37	35	Good
7	29/10/2025	32	23	5	5	10	38	Good
8	31/10/2025	31	17	5	5	22	31	Good

Station: MPT Quarters							City: Baina	
Duration:- October-2025								
Sr.No		Time Weighted Average (TWA)					AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in $\mu\text{g}/\text{m}^3$						
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃		
1	8/10/2025	170	16	2	10	21	147	Moderate
2	10/10/2025	46	27	4	5	20	46	Good
3	15/10/2025	90	38	2	5	10	90	Satisfactory
4	17/10/2025	55	36	5	11	29	60	Satisfactory
5	22/10/2025	31	9	2	13	27	31	Good
6	24/10/2025	32	15	4	5	27	32	Good
7	29/10/2025	73	30	50	9	50	73	Satisfactory
8	31/10/2025	61	19	2	5	46	61	Satisfactory

Station: Roof top of Municipal market					City: Ponda					
Duration:-October - 2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
		Pollutants concentration in µg/m ³ (except for *CO which is in mg/m ³)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	03/10/2025	45	20	7	11	0.53	10	0.11	45	Good
2	06/10/2025	57	26	9	14	0.42	9	0.17	57	Satisfactory
3	09/10/2025	48	23	7	11	0.28	9	0.15	48	Good
4	13/10/2025	53	25	8	12	0.67	11	0.14	53	Satisfactory
5	16/10/2025	67	31	9	15	0.39	10	0.17	67	Satisfactory
6	20/10/2025	41	19	7	11	0.64	7	0.12	41	Good
7	23/10/2025	36	15	8	13	0.25	10	0.08	36	Good
8	27/10/2025	30	13	6	11	0.21	7	0.05	30	Good
9	30/10/2025	39	16	6	11	0.16	5	0.02	39	Good

Station: Rooftop of Ravindra Bhavan Building									City:-Margao	
Duration:- October 2025										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	1/10/2025	42	17	6	12	0.54	9	0.07	42	Good
2	4/10/2025	39	16	7	11	0.69	8	0.12	39	Good
3	8/10/2025	50	22	7	13	0.73	10	0.16	50	Satisfactory
4	11/10/2025	46	18	8	13	0.48	10	0.11	46	Good
5	15/10/2025	57	23	7	10	0.61	8	0.08	57	Satisfactory
6	18/10/2025	48	21	10	15	0.75	11	0.06	48	Good
7	22/10/2025	41	18	7	12	0.58	11	0.10	41	Good
8	25/10/2025	36	17	6	11	0.26	7	0.05	36	Good
9	29/10/2025	29	13	5	10	0.15	5	0.07	29	Good

Station: Residence of Mr. Rama Naik, Assanora Junction City: Assanora										
Duration: October - 2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	03/10/2025	47	21	7	13	0.51	9	0.09	47	Good
2	07/10/2025	55	23	10	14	0.40	10	0.16	55	Satisfactory
3	10/10/2025	41	19	7	12	0.32	9	0.12	41	Good
4	14/10/2025	58	27	8	13	0.69	10	0.08	58	Satisfactory
5	17/10/2025	50	22	10	15	0.78	8	0.13	50	Good
6	22/10/2025	40	18	8	12	0.25	7	0.06	40	Good
7	24/10/2025	32	13	6	10	0.34	6	0.04	32	Good
8	28/10/2025	26	12	7	12	0.19	7	0.03	26	Good
9	31/10/2025	35	15	6	11	0.42	6	0.07	35	Good

Station: Residence of Mr. Sagun Ramkrishna Fadte										City: Amona	
Duration: - -October - 2025											
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY	
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr			
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)									
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃			Pb
1	03/10/2025	46	18	7	11	0.74	10	0.13	46	Good	
2	06/10/2025	40	17	8	14	0.56	8	0.09	40	Good	
3	09/10/2025	57	25	8	13	0.48	9	0.15	57	Satisfactory	
4	13/10/2025	67	31	9	14	0.63	11	0.12	67	Satisfactory	
5	16/10/2025	53	26	8	13	0.27	11	0.09	53	Satisfactory	
6	20/10/2025	42	19	6	12	0.39	9	0.11	42	Good	
7	23/10/2025	37	15	6	10	0.46	10	0.13	37	Good	
8	27/10/2025	30	12	7	12	0.21	6	0.10	30	Good	
9	30/10/2025	42	16	6	10	0.35	5	0.08	42	Good	

Station: Municipality Building					City: Bicholim					
Duration: October - 2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	03/10/2025	72	33	10	14	0.68	10	0.17	72	Satisfactory
2	07/10/2025	66	25	11	15	0.49	12	0.20	66	Satisfactory
3	10/10/2025	79	36	12	17	0.85	11	0.15	79	Satisfactory
4	14/10/2025	84	42	11	14	0.73	14	0.18	84	Satisfactory
5	17/10/2025	61	28	9	13	0.64	12	0.13	61	Satisfactory
6	22/10/2025	54	25	11	14	0.51	10	0.10	54	Satisfactory
7	24/10/2025	37	16	9	12	0.36	8	0.08	37	Good
8	28/10/2025	46	20	10	14	0.47	6	0.11	46	Good
9	31/10/2025	32	13	7	12	0.52	5	0.06	32	Good

Station: Near Ajoba temple, Honda junction					City: Honda					
Duration:-October- 2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	03/10/2025	49	20	8	12	0.58	9	0.09	49	Good
2	06/10/2025	62	28	9	14	0.73	12	0.13	62	Satisfactory
3	09/10/2025	54	24	9	11	0.46	11	0.16	54	Satisfactory
4	13/10/2025	67	30	10	15	0.79	10	0.12	67	Satisfactory
5	16/10/2025	55	27	10	14	0.85	11	0.14	55	Satisfactory
6	20/10/2025	41	18	7	12	0.62	7	0.09	41	Good
7	23/10/2025	36	15	7	11	0.74	6	0.07	37	Good
8	27/10/2025	30	12	6	12	0.51	6	0.11	30	Good
9	30/10/2025	36	16	6	10	0.43	5	0.08	36	Good

Station:- Usgao Junction					City:-Usgao					
Duration:- October-2025										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	3/10/2025	54	23	8	14	0.49	11	0.10	54	Satisfactory
2	6/10/2025	62	27	10	14	0.62	14	0.14	62	Satisfactory
3	9/10/2025	55	24	7	13	0.75	12	0.11	55	Satisfactory
4	13/10/2025	47	21	11	15	0.81	9	0.15	47	Good
5	16/10/2025	59	28	9	13	0.93	11	0.17	59	Satisfactory
6	20/10/2025	43	20	7	11	0.56	8	0.13	43	Good
7	23/10/2025	49	23	10	13	0.64	8	0.08	49	Good
8	27/10/2025	31	15	7	11	0.42	6	0.05	31	Good
9	30/10/2025	39	12	6	11	0.25	5	0.07	39	Good

Station: Premises of Somnath English High School									City:-Codli	
Duration:- October -2025										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	1/10/2025	47	19	7	11	0.46	9	0.06	47	Good
2	4/10/2025	53	22	8	13	0.35	8	0.12	53	Satisfactory
3	8/10/2025	43	18	7	11	0.28	11	0.10	43	Good
4	11/10/2025	38	15	10	13	0.49	7	0.13	38	Good
5	15/10/2025	51	23	7	11	0.51	10	0.16	51	Satisfactory
6	18/10/2025	57	29	9	12	0.27	12	0.10	57	Satisfactory
7	22/10/2025	45	21	9	14	0.34	8	0.06	45	Good
8	25/10/2025	35	15	7	11	0.30	6	0.11	35	Good
9	29/10/2025	27	12	5	11	0.23	5	0.05	27	Good

Station: Rooftop of Sanguem Municipality Building City: Sanguem									City: Sanguem	
Duration:- October-2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	1/10/2025	42	18	8	11	0.35	10	0.09	42	Good
2	4/10/2025	51	23	10	14	0.46	10	0.13	51	Satisfactory
3	8/10/2025	62	27	8	12	0.51	11	0.10	62	Satisfactory
4	11/10/2025	50	25	10	14	0.78	11	0.17	50	Good
5	15/10/2025	57	26	8	12	0.46	11	0.15	57	Satisfactory
6	18/10/2025	40	17	8	13	0.57	11	0.11	40	Good
7	22/10/2025	38	15	6	11	0.83	10	0.08	42	Good
8	25/10/2025	32	15	9	12	0.70	7	0.04	35	Good
9	29/10/2025	26	12	6	10	0.32	5	0.03	26	Good

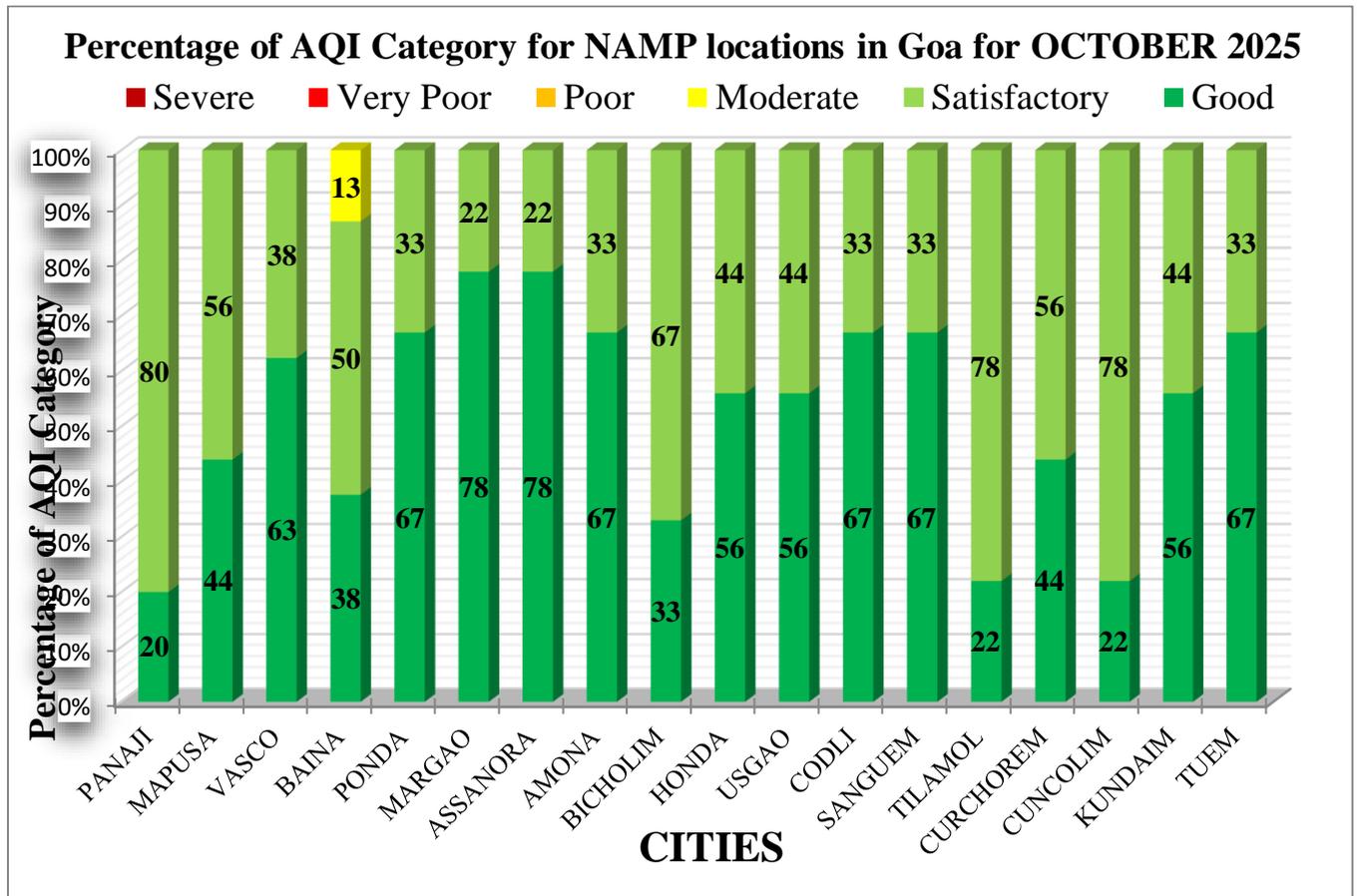
Station: Tilamol Junction									City: Tilamol	
Duration:- October 2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	1/10/2025	63	28	10	15	0.59	11	0.11	63	Satisfactory
2	4/10/2025	71	34	12	16	0.73	9	0.16	71	Satisfactory
3	8/10/2025	59	25	10	13	0.81	12	0.14	59	Satisfactory
4	11/10/2025	66	30	11	15	0.64	10	0.19	66	Satisfactory
5	15/10/2025	75	36	8	13	0.45	10	0.23	75	Satisfactory
6	18/10/2025	61	29	11	15	0.52	9	0.15	61	Satisfactory
7	22/10/2025	55	24	9	13	0.38	12	0.18	55	Satisfactory
8	25/10/2025	43	20	9	12	0.47	7	0.10	43	Good
9	29/10/2025	38	17	8	13	0.32	6	0.05	38	Good

Station: Rooftop of Electricity panel room at GSUDA market									City:-Curchorem	
Duration:- October -2025										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	1/10/2025	53	24	8	14	0.59	11	0.09	53	Satisfactory
2	4/10/2025	67	31	10	16	0.46	9	0.14	67	Satisfactory
3	8/10/2025	56	26	10	12	0.67	11	0.11	56	Satisfactory
4	11/10/2025	49	22	9	12	0.78	10	0.15	49	Good
5	15/10/2025	60	26	10	14	0.53	9	0.09	60	Satisfactory
6	18/10/2025	52	25	7	12	0.71	9	0.12	52	Satisfactory
7	22/10/2025	44	19	9	13	0.65	11	0.07	44	Good
8	25/10/2025	37	16	7	11	0.34	8	0.09	37	Good
9	29/10/2025	43	17	7	13	0.42	5	0.05	43	Good

Station: Rooftop of Power Station, Cuncolim Ind Estate										City: Cuncolim	
Duration:- October-2025											
Sr.No	Parameters	Time Weighted Average (TWA)								AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3 & As which is in ng/m^3)									
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	As		
1	1/10/2025	58	25	12	15	0.53	11	0.09	0.15	58	Satisfactory
2	4/10/2025	66	32	10	13	0.71	9	0.13	0.18	66	Satisfactory
3	8/10/2025	54	23	10	16	0.64	11	0.17	0.15	54	Satisfactory
4	11/10/2025	44	21	10	12	0.48	11	0.12	0.19	44	Good
5	15/10/2025	60	27	11	14	0.69	8	0.07	0.17	60	Satisfactory
6	18/10/2025	71	33	10	16	0.82	12	0.09	0.20	71	Satisfactory
7	22/10/2025	52	23	10	13	0.51	9	0.15	0.12	52	Satisfactory
8	25/10/2025	49	21	8	12	0.47	8	0.12	0.08	49	Good
9	29/10/2025	56	25	9	14	0.38	5	0.08	0.13	56	Satisfactory

Station: Near IDC Office		City: Kundaim								
Duration:-October - 2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	03/10/2025	49	24	10	14	0.56	10	0.15	49	Good
2	06/10/2025	61	28	10	16	0.73	11	0.19	61	Satisfactory
3	09/10/2025	57	26	8	13	0.42	11	0.17	57	Satisfactory
4	13/10/2025	53	21	10	14	0.61	9	0.14	53	Satisfactory
5	16/10/2025	64	29	11	15	0.84	11	0.16	64	Satisfactory
6	20/10/2025	49	22	8	13	0.59	7	0.11	49	Good
7	23/10/2025	40	18	6	11	0.64	7	0.07	40	Good
8	27/10/2025	36	15	6	11	0.47	5	0.05	36	Good
9	30/10/2025	43	18	8	13	0.38	4	0.03	43	Good

Station: Near ESIC Hospital , Tuem Industrial Estate									City: Tuem	
Duration: October - 2025										
Sr.No	Parameters	Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
		Pollutants concentration in $\mu\text{g}/\text{m}^3$ (except for *CO which is in mg/m^3)								
		Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃		
1	03/10/2025	45	19	7	11	0.61	11	0.093	45	Good
2	07/10/2025	53	24	9	14	0.74	9	0.133	53	Satisfactory
3	10/10/2025	47	23	10	15	0.45	10	0.097	47	Good
4	14/10/2025	68	30	9	13	0.68	10	0.143	68	Satisfactory
5	17/10/2025	56	24	10	14	0.53	11	0.170	56	Satisfactory
6	22/10/2025	50	22	10	14	0.41	8	0.147	50	Good
7	24/10/2025	40	17	9	12	0.27	7	0.103	40	Good
8	28/10/2025	37	14	6	11	0.34	8	0.050	37	Good
9	31/10/2025	32	12	6	10	0.21	6	0.070	32	Good



Results and Interpretation:

It is seen that during the month of October 2025, out of 18 locations AQI is -

Dominantly Good at 2 locations namely: Margao and Assanora,

Good to Satisfactory at 12 locations namely: Mapusa, Vasco, Ponda, Amona, Bicholim, Honda, Usgao, Codli, Sanguem, Curcholem, Kundaim and Tuem.

Dominantly Satisfactory at 3 locations namely: Panaji, Tilamol and Cuncolim

Good to Satisfactory to Moderate at 1 location namely: Baina

(Dominant refers to 75% and above)