

MONTHLY AAQM DATA ALONG WITH
AQI FOR 18 NAMP STATIONS

FEBRUARY 2026

About National Air Quality Index

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:- February - 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	03-02-2026	79	37	9	21	0.63	19	0.22	79	Satisfactory
2	06-02-2026	68	33	6	18	0.41	23	0.17	68	Satisfactory
3	10-02-2026	84	41	6	22	0.59	24	0.24	84	Satisfactory
4	13-02-2026	70	33	7	17	0.75	22	0.20	70	Satisfactory
5	17-02-2026	65	32	9	23	0.62	24	0.23	65	Satisfactory
6	20-02-2026	78	36	8	20	0.81	23	0.26	78	Satisfactory
7	24-02-2026	62	28	6	24	0.7	20	0.31	62	Satisfactory
8	27-02-2026	72	35	10	22	0.56	26	0.23	72	Satisfactory

Station: Above Municipality toilet, Chacha Nehru Park, Mapusa								City :Mapusa		
Duration:-February - 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTy
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	03-02-2026	92	44	9	22	0.93	23	0.21	92	Satisfactory
2	06-02-2026	87	41	8	20	0.54	22	0.24	87	Satisfactory
3	10-02-2026	95	45	11	25	0.76	25	0.27	95	Satisfactory
4	13-02-2026	80	37	10	22	0.68	23	0.18	80	Satisfactory
5	17-02-2026	85	39	11	23	0.53	20	0.21	85	Satisfactory
6	20-02-2026	94	44	12	25	0.71	28	0.25	94	Satisfactory
7	24-02-2026	79	37	9	22	0.85	24	0.17	79	Satisfactory
8	27-02-2026	89	41	8	19	0.68	23	0.29	89	Satisfactory

Station: MPT Quarters				City: Baina				
Duration:- February-2026								
Sr.No		Time Weighted Average (TWA)					AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3						
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃		
1	04-02-2026	96	66	2	12	10	120	Moderate
2	06-02-2026	89	59	2	11	10	98	Satisfactory
3	11-02-2026	79	49	2	11	10	82	Satisfactory
4	13-02-2026	90	51	2	13	10	90	Satisfactory
5	18-02-2026	85	56	2	5	12	93	Satisfactory
6	20-02-2026	84	41	2	31	10	84	Satisfactory
7	25-02-2026	82	41	2	23	10	82	Satisfactory
8	27-02-2026	60	16	2	22	10	60	Satisfactory

Station: Fuse Call Office						City: Vasco		
Duration:- February 2026								
Sr.No		Time Weighted Average (TWA)					AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3						
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	NH ₃		
1	04-02-2026	110	65	2	24	10	117	Moderate
2	06-02-2026	113	66	2	25	10	120	Moderate
3	11-02-2026	124	58	2	27	23	116	Moderate
4	13-02-2026	82	57	2	25	10	95	Satisfactory
5	18-02-2026	97	62	2	10	10	107	Moderate
6	20-02-2026	99	78	2	13	10	160	Moderate
7	25-02-2026	100	36	4	15	10	100	Satisfactory
8	27-02-2026	79	59	2	17	10	98	Satisfactory

Station: Roof top of Municipal market						City: Ponda				
Duration:-February - 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTy
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	02-02-2026	82	37	10	23	0.54	22	0.27	82	Satisfactory
2	05-02-2026	75	34	9	21	0.37	20	0.23	75	Satisfactory
3	09-02-2026	84	40	10	21	0.42	23	0.16	84	Satisfactory
4	12-02-2026	77	36	7	20	0.31	21	0.14	77	Satisfactory
5	16-02-2026	69	33	9	23	0.59	24	0.19	69	Satisfactory
6	19-02-2026	86	40	11	20	0.67	23	0.23	86	Satisfactory
7	23-02-2026	72	36	8	17	0.52	20	0.18	72	Satisfactory
8	26-02-2026	81	38	10	22	0.73	25	0.21	81	Satisfactory

Station: Rooftop of Ravindra Bhavan Building						City:-Margao				
Duration:- February 2026										
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 µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	04-02-2026	70	33	8	19	0.34	21	0.15	70	Satisfactory
2	07-02-2026	76	35	7	18	0.35	17	0.17	76	Satisfactory
3	11-02-2026	61	29	6	21	0.47	23	0.10	61	Satisfactory
4	14-02-2026	73	37	6	18	0.29	18	0.13	73	Satisfactory
5	18-02-2026	59	27	8	21	0.51	21	0.10	59	Satisfactory
6	21-02-2026	64	31	6	19	0.63	19	0.14	64	Satisfactory
7	25-02-2026	71	35	7	21	0.42	24	0.17	71	Satisfactory
8	28-02-2026	55	27	5	22	0.23	22	0.20	55	Satisfactory

Station: Residence of Mr. Rama Naik, Assanora Junction City: Assanora										
Duration: February - 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	03-02-2026	64	28	6	18	0.27	15	0.19	64	Satisfactory
2	06-02-2026	71	34	8	21	0.34	23	0.14	71	Satisfactory
3	10-02-2026	80	36	6	22	0.31	21	0.11	80	Satisfactory
4	13-02-2026	66	33	7	20	0.46	19	0.15	66	Satisfactory
5	17-02-2026	60	28	7	17	0.59	22	0.18	60	Satisfactory
6	20-02-2026	78	35	8	20	0.40	20	0.22	78	Satisfactory
7	24-02-2026	84	41	9	23	0.29	23	0.15	84	Satisfactory
8	26-02-2026	71	33	8	21	0.23	20	0.20	71	Satisfactory

Station: Residence of Mr. Sagun Ramkrishna Fadte						City: Amona				
Duration:- -February - 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	02-02-2026	68	32	6	17	0.51	20	0.19	68	Satisfactory
2	05-02-2026	74	35	8	21	0.47	18	0.24	74	Satisfactory
3	09-02-2026	60	29	6	17	0.32	23	0.21	60	Satisfactory
4	12-02-2026	66	31	7	19	0.59	25	0.17	66	Satisfactory
5	16-02-2026	53	26	8	18	0.68	22	0.09	53	Satisfactory
6	19-02-2026	76	35	6	22	0.53	23	0.15	76	Satisfactory
7	23-02-2026	60	27	6	16	0.40	21	0.19	60	Satisfactory
8	26-02-2026	67	31	8	20	0.61	24	0.22	67	Satisfactory

Station: Municipality Building					City: Bicholim					
Duration:February - 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	03-02-2026	94	45	11	22	0.58	21	0.28	94	Satisfactory
2	06-02-2026	82	38	10	23	0.81	19	0.21	82	Satisfactory
3	10-02-2026	96	42	12	25	0.93	24	0.33	96	Satisfactory
4	13-02-2026	90	41	9	19	0.64	27	0.29	90	Satisfactory
5	17-02-2026	98	46	12	23	0.76	22	0.20	98	Satisfactory
6	20-02-2026	93	43	11	22	0.52	25	0.25	93	Satisfactory
7	24-02-2026	96	47	10	24	0.69	25	0.31	96	Satisfactory
8	27-02-2026	87	41	9	22	0.43	23	0.27	87	Satisfactory

Station: Near Ajoba temple, Honda junction						City: Honda				
Duration:-February- 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	02-02-2026	78	37	8	21	0.38	19	0.25	78	Satisfactory
2	05-02-2026	66	32	7	19	0.62	22	0.22	66	Satisfactory
3	09-02-2026	81	38	9	17	0.51	23	0.30	81	Satisfactory
4	12-02-2026	72	33	5	20	0.43	19	0.24	72	Satisfactory
5	16-02-2026	84	42	9	19	0.55	22	0.27	84	Satisfactory
6	19-02-2026	70	30	10	23	0.79	20	0.21	70	Satisfactory
7	23-02-2026	76	37	9	21	0.60	25	0.16	76	Satisfactory
8	26-02-2026	81	39	11	23	0.73	22	0.23	81	Satisfactory

Station:- Usgao Junction						City:-Usgao				
Duration:- February-2026										
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 µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	02-02-2026	72	34	8	21	0.58	22	0.17	72	Satisfactory
2	05-02-2026	85	42	9	20	0.42	21	0.21	85	Satisfactory
3	09-02-2026	71	33	7	19	0.27	25	0.15	71	Satisfactory
4	12-02-2026	66	32	6	22	0.51	20	0.28	66	Satisfactory
5	16-02-2026	79	36	8	23	0.39	23	0.20	79	Satisfactory
6	19-02-2026	84	41	7	20	0.26	21	0.23	84	Satisfactory
7	23-02-2026	71	33	9	22	0.45	17	0.19	71	Satisfactory
8	26-02-2026	79	37	8	24	0.73	25	0.26	79	Satisfactory

Station: Premises of Somnath English High School									City:-Codli	
Duration:- February -2026										
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 µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	04-02-2026	75	36	6	18	0.37	19	0.23	75	Satisfactory
2	07-02-2026	71	32	7	19	0.46	21	0.19	71	Satisfactory
3	11-02-2026	63	29	6	16	0.19	24	0.14	63	Satisfactory
4	14-02-2026	59	27	8	15	0.26	20	0.10	59	Satisfactory
5	18-02-2026	72	35	6	18	0.35	23	0.08	72	Satisfactory
6	21-02-2026	82	36	5	15	0.21	25	0.12	82	Satisfactory
7	25-02-2026	67	32	7	18	0.49	21	0.16	67	Satisfactory
8	28-02-2026	78	38	8	16	0.42	24	0.11	78	Satisfactory

Station: Rooftop of Sanguem Municipality Building City: Sanguem									City: Sanguem	
Duration:- February 2026										
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 µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	04-02-2026	68	43	7	19	0.52	17	0.18	72	Satisfactory
2	07-02-2026	73	34	8	21	0.38	21	0.26	73	Satisfactory
3	11-02-2026	62	28	6	17	0.31	24	0.15	62	Satisfactory
4	14-02-2026	77	37	8	20	0.49	19	0.22	77	Satisfactory
5	18-02-2026	85	40	11	23	0.37	24	0.30	85	Satisfactory
6	21-02-2026	70	34	9	22	0.41	23	0.19	70	Satisfactory
7	25-02-2026	64	30	7	19	0.53	20	0.25	64	Satisfactory
8	28-02-2026	75	36	8	20	0.34	21	0.20	75	Satisfactory

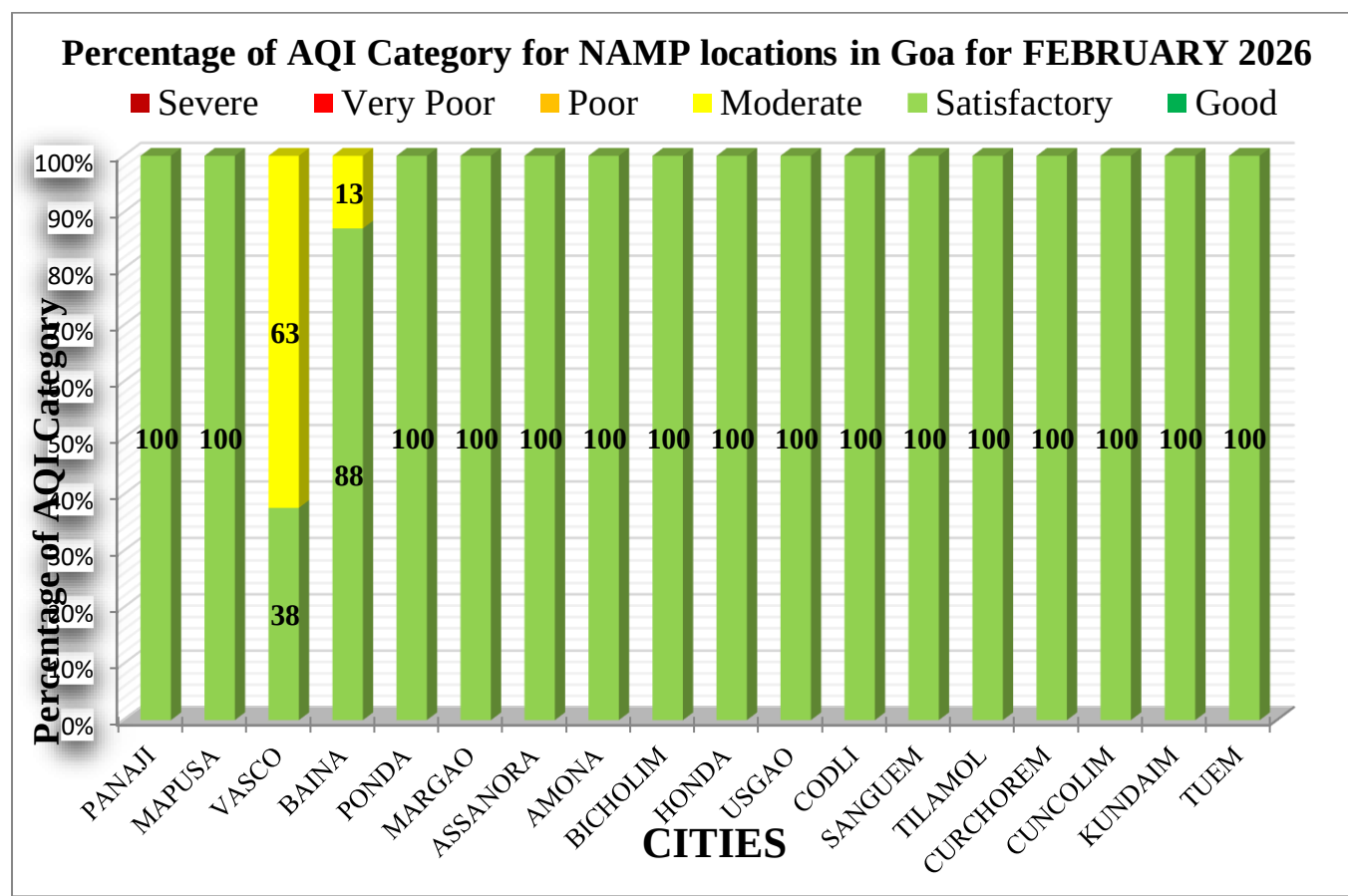
Station: Tilamol Junction							City: Tilamol			
Duration:- February 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	04-02-2026	73	35	9	21	0.36	22	0.19	73	Satisfactory
2	07-02-2026	82	39	8	18	0.41	20	0.30	82	Satisfactory
3	11-02-2026	78	35	11	22	0.65	24	0.26	78	Satisfactory
4	14-02-2026	84	42	9	23	0.72	25	0.21	84	Satisfactory
5	18-02-2026	81	39	8	19	0.58	24	0.17	81	Satisfactory
6	21-02-2026	72	35	6	22	0.67	26	0.21	72	Satisfactory
7	25-02-2026	76	38	7	20	0.45	22	0.26	76	Satisfactory
8	28-02-2026	86	42	6	19	0.61	21	0.23	86	Satisfactory

Station: Rooftop of Electricity panel room at GSUDA market City:-Curchorem										
Duration:- February -2026										
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 µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	04-02-2026	69	33	8	22	0.79	22	0.21	69	Satisfactory
2	07-02-2026	78	37	7	23	0.48	21	0.26	78	Satisfactory
3	11-02-2026	72	34	9	19	0.53	24	0.23	72	Satisfactory
4	14-02-2026	81	38	7	23	0.60	27	0.17	81	Satisfactory
5	18-02-2026	77	35	8	21	0.71	24	0.23	77	Satisfactory
6	21-02-2026	85	40	9	23	0.54	25	0.19	85	Satisfactory
7	25-02-2026	69	32	8	20	0.39	26	0.25	69	Satisfactory
8	28-02-2026	78	36	8	21	0.47	23	0.30	78	Satisfactory

Station: Rooftop of Power Station, Cuncolim Ind Estate							City: Cuncolim				
Duration:- February -2026											
Sr.No		Time Weighted Average (TWA)								AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3 & As which is in ng/m3)									
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	As	Pb		
1	04-02-2026	82	38	9	20	0.69	23	0.15	0.32	82	Satisfactory
2	07-02-2026	71	34	9	23	0.65	24	0.09	0.27	71	Satisfactory
3	11-02-2026	75	31	11	25	0.81	25	0.17	0.31	75	Satisfactory
4	14-02-2026	87	47	9	22	0.53	22	0.13	0.22	87	Satisfactory
5	18-02-2026	79	37	10	23	0.79	27	0.08	0.32	79	Satisfactory
6	21-02-2026	66	31	8	21	0.42	23	0.14	0.27	66	Satisfactory
7	24-02-2026	86	43	11	22	0.61	25	0.09	0.31	86	Satisfactory
8	28-02-2026	74	35	9	19	0.38	26	0.11	0.25	74	Satisfactory

Station: Near IDC Office						City: Kundaim				
Duration:-February- 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	02-02-2026	76	34	8	20	0.65	10	0.29	76	Satisfactory
2	05-02-2026	86	39	9	23	0.54	11	0.21	86	Satisfactory
3	09-02-2026	79	36	7	19	0.71	9	0.24	79	Satisfactory
4	12-02-2026	82	41	11	22	0.49	11	0.19	82	Satisfactory
5	16-02-2026	88	44	9	18	0.62	9	0.27	88	Satisfactory
6	19-02-2026	66	31	11	21	0.83	11	0.20	66	Satisfactory
7	23-02-2026	73	35	7	17	0.59	8	0.26	73	Satisfactory
8	26-02-2026	85	42	9	22	0.77	11	0.32	85	Satisfactory

Station: Near ESIC Hospital , Tuem Industrial Estate						City: Tuem				
Duration: February - 2026										
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY
		24-Hr	24-Hr	24-Hr	24-Hr	1-Hr	1-Hr	24-Hr		
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)								
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb		
1	03-02-2026	87	43	11	24	0.86	24	0.263	87	Satisfactory
2	06-02-2026	73	34	9	19	0.57	20	0.210	73	Satisfactory
3	10-02-2026	89	41	11	24	0.69	24	0.230	89	Satisfactory
4	13-02-2026	67	32	10	22	0.41	26	0.190	67	Satisfactory
5	17-02-2026	75	36	11	23	0.73	23	0.213	75	Satisfactory
6	20-02-2026	82	39	12	21	0.89	25	0.170	82	Satisfactory
7	24-02-2026	69	35	10	24	0.62	21	0.237	69	Satisfactory
8	27-02-2026	86	42	8	23	0.38	26	0.313	86	Satisfactory



Results and Interpretation:

It is seen that during the month of February 2026, out of 18 locations AQI is -

AQI was Dominantly Satisfactory at 16 locations namely – Panaji, Mapusa, Ponda, Margao, Assanora, Amona, Bicholim, Honda, Usgao, Codli, Sanguem, Tilamol, Curchorem, Cuncolim, Kundaim Tuem. and Baina

AQI was Satisfactory to Moderate 1 location namely – Vasco

(Dominant refers to 75% and above)