

MONTHLY AAQM DATA ALONG WITH AQI FOR 18 NAMP STATIONS

MAY 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: - May- 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	02-05-26	91	44	9	21	0.76	28	0.23	91	Satisfactory
2	05-05-26	89	40	10	26	0.61	25	0.30	89	Satisfactory
3	08-05-26	75	35	9	22	0.53	27	0.25	75	Satisfactory
4	12-05-26	82	38	8	19	0.74	29	0.28	82	Satisfactory
5	15-05-26	95	46	11	24	0.39	23	0.33	95	Satisfactory
6	19-05-26	86	41	12	27	0.88	27	0.21	86	Satisfactory
7	22-05-26	81	36	10	21	0.67	24	0.19	81	Satisfactory
8	26-05-26	73	31	10	24	0.45	27	0.14	73	Satisfactory
9	29-05-26	86	39	11	26	0.72	29	0.26	86	Satisfactory

Station: Above Municipality toilet, Chacha Nehru Park, Mapusa								City :Mapusa		
Duration:-May - 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	02-05-26	87	42	11	23	0.96	24	0.31	87	Satisfactory
2	05-05-26	95	46	9	22	0.81	28	0.26	95	Satisfactory
3	08-05-26	81	38	10	25	0.94	31	0.35	81	Satisfactory
4	12-05-26	89	42	12	28	0.87	29	0.32	89	Satisfactory
5	15-05-26	73	34	9	23	0.75	25	0.27	73	Satisfactory
6	19-05-26	85	40	10	27	0.92	27	0.36	85	Satisfactory
7	22-05-26	93	45	9	23	0.88	23	0.39	93	Satisfactory
8	26-05-26	70	32	11	27	0.76	25	0.24	70	Satisfactory
9	29-05-26	82	39	9	24	0.90	24	0.27	82	Satisfactory

Station: Fuse Call Office				City: Vasco				
Duration:- May-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	06-05-26	84	33	2	10	10	84	Satisfactory
2	08-05-26	56	37	2	13	10	62	Satisfactory
3	13-05-26	49	11	2	11	10	49	Good
4	15-05-26	63	35	2	13	10	63	Satisfactory
5	20-05-26	49	30	2	5	29	49	Good
6	22-05-26	56	15	2	5	10	56	Satisfactory
7	26-05-26	67	29	2	16	35	67	Satisfactory
8	29-05-26	57	16	2	15	20	57	Satisfactory

Station: Roof top of Municipal market						City: Ponda				
Duration:-May - 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	04-05-2026	83	37	9	23	0.63	26	0.21	83	Satisfactory
2	07-05-2026	91	44	11	27	0.51	24	0.25	91	Satisfactory
3	11-05-2026	89	42	9	22	0.75	29	0.22	89	Satisfactory
4	14-05-2026	76	35	11	24	0.69	21	0.19	76	Satisfactory
5	18-05-2026	85	41	9	21	0.80	25	0.14	85	Satisfactory
6	21-05-2026	80	38	12	25	0.72	23	0.23	80	Satisfactory
7	25-05-2026	73	32	8	19	0.54	20	0.20	73	Satisfactory
8	28-05-2026	66	29	7	16	0.67	18	0.15	66	Satisfactory

Station: Rooftop of Ravindra Bhavan Building							City:-Margao			
Duration:- May 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	02-05-26	64	29	6	18	0.25	26	0.16	64	Satisfactory
2	06-05-26	79	37	9	24	0.47	23	0.13	79	Satisfactory
3	09-05-26	71	32	7	19	0.32	25	0.20	71	Satisfactory
4	13-05-26	87	41	10	25	0.29	21	0.17	87	Satisfactory
5	16-05-26	75	37	6	17	0.35	18	0.23	75	Satisfactory
6	20-05-26	64	28	5	15	0.41	21	0.19	64	Satisfactory
7	23-05-26	80	36	7	20	0.56	23	0.15	80	Satisfactory
8	27-05-26	67	30	10	22	0.43	25	0.12	67	Satisfactory
9	30-05-26	64	27	7	19	0.29	20	0.17	64	Satisfactory

Station: Residence of Mr. Rama Naik, Assanora Junction City: Assanora										
Duration: May- 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	02-05-2026	77	34	6	19	0.48	26	0.12	77	Satisfactory
2	05-05-2026	84	41	9	24	0.51	29	0.09	84	Satisfactory
3	08-05-2026	70	32	6	19	0.69	24	0.15	70	Satisfactory
4	12-05-2026	72	36	7	21	0.40	26	0.18	72	Satisfactory
5	15-05-2026	87	42	10	24	0.35	28	0.21	87	Satisfactory
6	19-05-2026	74	36	9	22	0.46	24	0.15	74	Satisfactory
7	22-05-2026	80	40	10	24	0.51	28	0.19	80	Satisfactory
8	26-05-2026	86	43	12	26	0.63	26	0.22	86	Satisfactory
9	29-05-2026	71	36	8	22	0.59	22	0.16	71	Satisfactory

Station: Residence of Mr. Sagun Ramkrishna Fadte						City: Amona				
Duration:- -May - 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	04-05-2026	87	41	9	25	0.41	21	0.11	87	Satisfactory
2	07-05-2026	83	37	8	21	0.29	26	0.14	83	Satisfactory
3	11-05-2026	92	44	11	24	0.33	23	0.17	92	Satisfactory
4	14-05-2026	81	36	8	18	0.45	27	0.13	81	Satisfactory
5	18-05-2026	74	31	6	15	0.20	28	0.19	74	Satisfactory
6	21-05-2026	86	40	9	21	0.53	26	0.15	86	Satisfactory
7	25-05-2026	70	33	7	17	0.38	21	0.09	70	Satisfactory
8	28-05-2026	85	42	8	22	0.26	24	0.18	85	Satisfactory

Station: Municipality Building						City: Bicholim				
Duration: May - 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	02-05-2026	83	40	12	23	0.75	26	0.30	83	Satisfactory
2	05-05-2026	90	44	13	27	0.81	27	0.33	90	Satisfactory
3	08-05-2026	87	42	11	21	0.76	26	0.24	87	Satisfactory
4	12-05-2026	95	46	13	25	0.98	22	0.37	95	Satisfactory
5	15-05-2026	91	43	11	24	0.65	26	0.26	91	Satisfactory
6	19-05-2026	81	38	9	21	0.73	24	0.32	81	Satisfactory
7	22-05-2026	94	45	14	26	0.89	28	0.25	94	Satisfactory
8	26-05-2026	89	41	12	23	0.64	26	0.31	89	Satisfactory
9	29-05-2026	96	47	10	20	0.91	23	0.26	96	Satisfactory

Station: Near Ajoba temple, Honda junction						City: Honda				
Duration:-May- 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	04-05-2026	90	43	10	24	0.71	27	0.15	90	Satisfactory
2	07-05-2026	82	39	11	23	0.63	25	0.19	82	Satisfactory
3	11-05-2026	79	36	9	25	0.85	22	0.13	79	Satisfactory
4	14-05-2026	81	41	11	21	0.69	27	0.20	81	Satisfactory
5	18-05-2026	76	35	9	18	0.77	24	0.17	76	Satisfactory
6	21-05-2026	86	41	12	24	0.54	25	0.14	86	Satisfactory
7	25-05-2026	91	44	13	26	0.89	29	0.21	91	Satisfactory
8	28-05-2026	72	34	9	22	0.76	24	0.16	72	Satisfactory

Station:- Usgao Junction						City:-Usgao				
Duration:- May-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	04-05-26	83	38	8	24	0.69	27	0.14	83	Satisfactory
2	07-05-26	76	32	7	21	0.51	23	0.17	76	Satisfactory
3	11-05-26	85	41	9	25	0.83	22	0.22	85	Satisfactory
4	14-05-26	68	32	8	21	0.48	24	0.09	68	Satisfactory
5	18-05-26	79	38	10	23	0.57	21	0.16	79	Satisfactory
6	21-05-26	87	40	11	25	0.61	15	0.24	87	Satisfactory
7	25-05-26	82	39	8	19	0.78	25	0.20	82	Satisfactory
8	28-05-26	75	30	7	15	0.46	22	0.17	75	Satisfactory

Station :Premises of Somnath English High School							City:-Codli			
Duration:- May -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	02-05-26	83	39	8	22	0.46	24	0.23	83	Satisfactory
2	06-05-26	76	35	6	18	0.57	21	0.17	76	Satisfactory
3	09-05-26	80	39	9	24	0.31	26	0.21	80	Satisfactory
4	13-05-26	70	33	7	18	0.38	25	0.14	70	Satisfactory
5	16-05-26	74	36	8	21	0.49	22	0.19	74	Satisfactory
6	20-05-26	69	32	9	23	0.51	22	0.16	69	Satisfactory
7	23-05-26	80	38	7	16	0.39	25	0.23	80	Satisfactory
8	27-05-26	72	34	6	18	0.57	22	0.18	72	Satisfactory
9	30-05-26	80	37	7	21	0.41	25	0.25	80	Satisfactory

Station: Rooftop of Sanguem Municipality Building City: Sanguem										
Duration:- May -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	02-05-26	79	39	6	20	0.68	26	0.16	79	Satisfactory
2	06-05-26	84	40	8	23	0.75	23	0.24	84	Satisfactory
3	09-05-26	77	36	7	22	0.31	22	0.18	77	Satisfactory
4	13-05-26	62	29	6	19	0.64	20	0.21	62	Satisfactory
5	16-05-26	58	26	7	22	0.59	20	0.15	58	Satisfactory
6	20-05-26	70	33	7	24	0.61	26	0.19	70	Satisfactory
7	23-05-26	77	37	9	24	0.39	20	0.17	77	Satisfactory
8	27-05-26	82	40	11	26	0.45	25	0.23	82	Satisfactory
9	30-05-26	69	33	6	19	0.57	19	0.20	69	Satisfactory

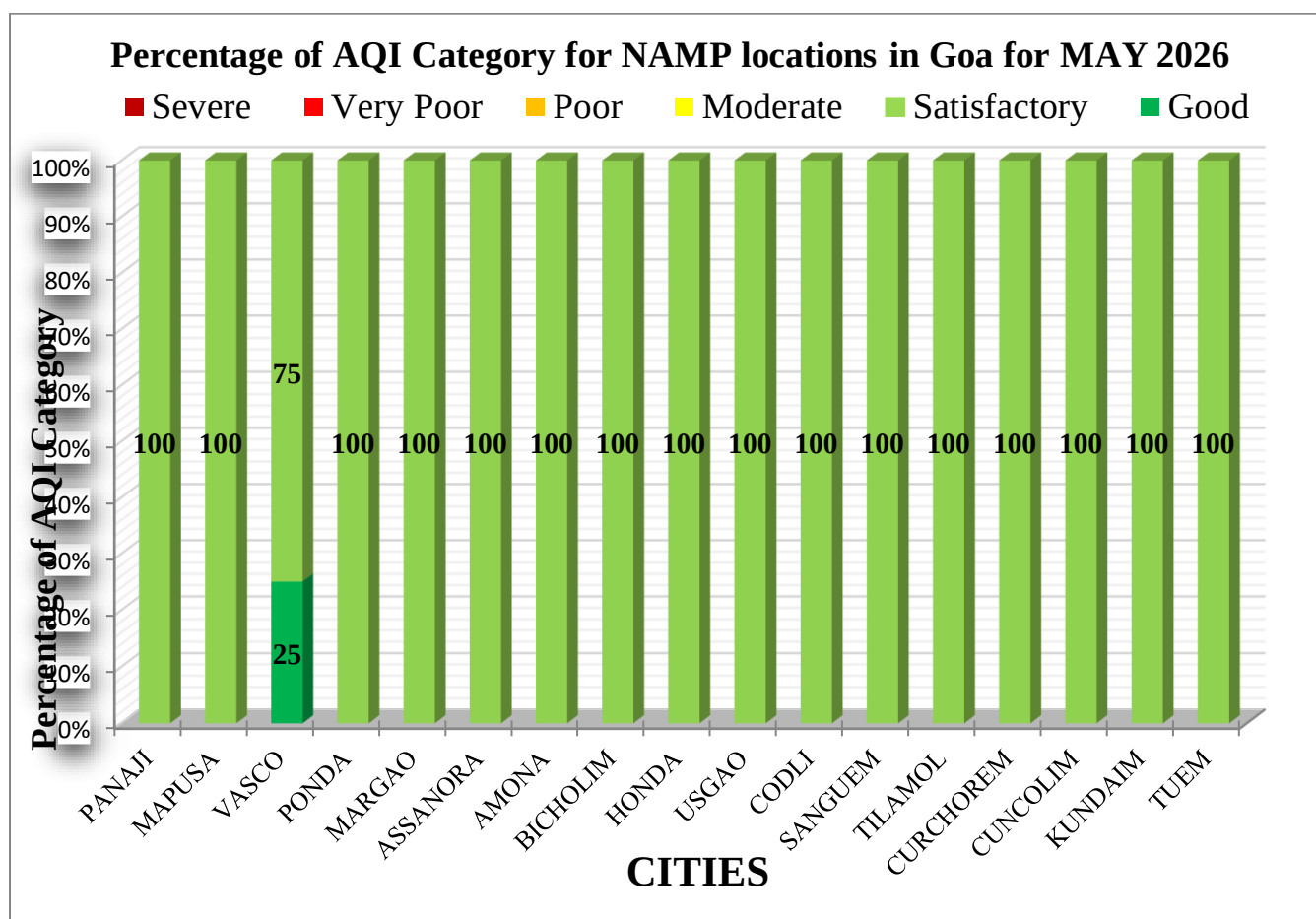
Station: Tilamol Junction					City: Tilamol						
Duration:- May-2026											
Sr.No		Time Weighted Average (TWA)							AQI	AIR QLTY	
		24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr	24-Hr			
	Parameters	Pollutants concentration in µg/m3 (except for *CO which is in mg/m3)									
	Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	*CO	O ₃	Pb			
1	02-05-26	85	40	10	23	0.68	23	0.24	85	Satisfactory	
2	06-05-26	92	44	11	25	0.41	20	0.29	92	Satisfactory	
3	09-05-26	80	37	8	21	0.57	24	0.21	80	Satisfactory	
4	13-05-26	94	44	12	27	0.79	26	0.28	94	Satisfactory	
5	16-05-26	76	36	9	23	0.88	24	0.15	76	Satisfactory	
6	20-05-26	85	39	11	25	0.70	27	0.32	85	Satisfactory	
7	23-05-26	71	32	10	23	0.63	21	0.20	71	Satisfactory	
8	27-05-26	79	37	10	22	0.75	25	0.25	79	Satisfactory	
9	30-05-26	86	40	12	26	0.84	23	0.28	86	Satisfactory	

Rooftop of Electricity panel room at GSUDA market										City:-Curchorem	
Duration:- May-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	02-05-26	89	42	6	22	0.73	28	0.24	89	Satisfactory	
2	06-05-26	93	46	10	25	0.85	31	0.20	93	Satisfactory	
3	09-05-26	80	37	10	22	0.62	30	0.16	80	Satisfactory	
4	13-05-26	75	32	9	19	0.71	26	0.19	75	Satisfactory	
5	16-05-26	88	42	11	23	0.55	21	0.25	88	Satisfactory	
6	20-05-26	95	46	12	26	0.49	26	0.29	95	Satisfactory	
7	23-05-26	81	38	8	21	0.68	23	0.21	81	Satisfactory	
8	27-05-26	91	44	11	24	0.77	26	0.27	91	Satisfactory	
9	30-05-26	84	41	9	21	0.61	29	0.23	84	Satisfactory	

Station: Rooftop of Power Station, Cuncolim Ind Estate								City: Cuncolim			
Duration:- May-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	02-05-26	81	38	9	26	0.81	30	0.04	0.29	81	Satisfactory
2	06-05-26	96	45	12	29	0.75	33	0.03	0.20	96	Satisfactory
3	09-05-26	86	42	9	23	0.63	30	0.04	0.21	86	Satisfactory
4	13-05-26	78	37	9	26	0.71	26	0.07	0.17	78	Satisfactory
5	16-05-26	91	42	11	27	0.92	34	0.03	0.30	91	Satisfactory
6	20-05-26	84	39	11	21	0.80	32	0.02	0.22	84	Satisfactory
7	23-05-26	72	33	7	19	0.69	28	0.04	0.19	72	Satisfactory
8	27-05-26	90	39	10	24	0.77	34	0.03	0.25	90	Satisfactory
9	30-05-26	92	40	13	29	0.96	31	0.06	0.28	92	Satisfactory

Station: Near IDC Office					City: Kundaim					
Duration:-May- 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	04-05-2026	87	43	11	27	0.89	25	0.32	87	Satisfactory
2	07-05-2026	96	46	12	28	0.95	29	0.35	96	Satisfactory
3	11-05-2026	82	38	9	23	0.81	26	0.24	82	Satisfactory
4	14-05-2026	76	37	8	21	0.76	24	0.20	76	Satisfactory
5	18-05-2026	88	44	9	18	0.59	23	0.31	88	Satisfactory
6	21-05-2026	93	46	12	26	0.88	21	0.29	93	Satisfactory
7	25-05-2026	81	37	10	23	0.93	27	0.23	81	Satisfactory
8	28-05-2026	89	41	9	20	0.86	30	0.30	89	Satisfactory

Station: Near ESIC Hospital , Tuem Industrial Estate							City: Tuem			
Duration: May- 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	02-05-2026	84	39	9	24	0.91	25	0.29	84	Satisfactory
2	05-05-2026	79	35	7	22	0.73	28	0.23	79	Satisfactory
3	08-05-2026	82	37	11	26	0.45	27	0.18	82	Satisfactory
4	12-05-2026	73	33	10	21	0.68	22	0.27	73	Satisfactory
5	15-05-2026	85	40	11	25	0.59	21	0.20	85	Satisfactory
6	19-05-2026	92	44	13	27	0.63	28	0.34	92	Satisfactory
7	22-05-2026	79	35	9	22	0.51	22	0.26	79	Satisfactory
8	26-05-2026	65	31	8	19	0.45	19	0.30	65	Satisfactory
9	29-05-2026	83	37	10	23	0.88	24	0.24	83	Satisfactory



Results and Interpretation:

It is seen that during the month of May 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)