

## SAMP DATA FOR THE MONTH OF FEBRUARY 2024 - MUVATTUPUZHA (ERNAKULAM)

Sampling Date	Monitoring Station	District Name	Latitude	Longitude	Type Of Location	State Name	Monitoring Agency	SO2_6AM_10AM	SO2_10AM_2PM	SO2_2PM_6PM	SO2_6PM_10PM	SO2_10PM_2AM	SO2_2AM_6AM	SO2 24 hourly average			Weather
								4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2		Temperature		
08-02-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	4	6	2	2	2	2	3.0			
12-02-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	6	2	5	4	2	2	3.5			
15-02-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	4	2	2	2	2	2.3			
19-02-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	4	2	4	2	2.7			
21-02-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0			
23-02-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0			
26-02-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0			
NO2_6AM_10AM	NO2_10AM_2PM	NO2_2PM_6PM	NO2_6PM_10PM	NO2_10PM_2AM	NO2_2AM_6AM	NO2 24 hourly average	RSPM_6AM_2PM	RSPM_2PM_10PM	RSPM_10PM_6AM	RSPM 24 hourly average	SPM_6AM_2PM	SPM_2PM_10PM	SPM_10PM_6AM	SPM 24 hourly average	Temperature		Weather
4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2		8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of RSPM		8-Hourly Value of SPM	8-Hourly Value of SPM	8-Hourly Value of SPM		Min	Max	
19.8	27.1	18.9	16.8	29.9	18.3	21.8	50	35	65	50	71	53	75	66	25	31	Sunny
4.5	16.2	4.5	11.9	4.5	13.4	9.2	96	31	37	55	222	126	162	170	24	31	Sunny
4.5	13.1	4.5	9.1	4.5	14.9	8.4	49	43	37	43	79	49	101	76	25	33	Sunny
4.5	18.9	26.8	11.3	11	4.5	12.8	38	115	70	74	60	138	100	99	26	34	Sunny
4.5	4.5	11.6	4.5	11.9	4.5	6.9	40	38	28	35	65	58	45	56	26	32	Sunny
10.7	12.2	4.5	12.8	11.9	4.5	9.4	26	50	25	34	51	94	65	70	26	32	Sunny
4.5	4.5	18.9	12.2	4.5	4.5	8.2	28	34	20	27	43	59	25	42	26	35	Sunny

## SAMP DATA FOR THE MONTH OF FEBRUARY 2024 - MUTTOM (IDUKKI)

STN Code	Sampling Date	Monitoring Station	Latitude	Longitude	Type Of	City	District	State Name	Monitoring Agency	SO2_6AM_10AM	SO2_10AM_2PM	SO2_2PM_6PM	SO2_6PM_10PM	SO2_10PM_2AM	SO2_2AM_6AM	SO2 24 hourly average			Weather
					Location					Area class :	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2		4-Hourly Value of SO2	PM 2.5	
New Station	01-02-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	05-02-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	08-02-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	12-02-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	15-02-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	19-02-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	22-02-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	26-02-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
28-02-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0				
NO2_6AM_10AM	NO2_10AM-2PM	NO2_2PM-6PM	NO2_6PM_10PM	NO2_10PM_2AM	NO2_2AM_6AM	NO2 24 hourly average	RSPM_6AM_2PM	RSPM_2PM_10PM	RSPM_10PM_6AM	RSPM 24 hourly average	SPM_6AM_2PM	SPM_2PM_10PM	SPM_10PM_6AM	SPM 24 hourly average	24-hourly value	Min	Max	Weather	
4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of SPM	8-Hourly Value of SPM	8-Hourly Value of SPM	8-Hourly Value of SPM	24-hourly value	Min	Max	Weather		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	38	53	37	43	71	88	57	72	28	25	33	Sunny	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	36	29	27	31	58	54	44	52	21	23	31	Cloudy	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	22	44	29	32	51	59	52	54	32	23	27	Partly cloudy	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	46	72	25	48	50	91	46	63	29	24	31	Cloudy	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	22	34	49	35	55	68	68	64	24	25	32	Sunny	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	40	44	39	41	58	64	60	61	18	24	30	Partly cloudy	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	21	44	33	33	35	65	42	47	29	24	32	Cloudy	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	33	64	44	47	56	92	59	69	28	25	33	Sunny	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	16	67	44	42	51	93	49	65	19	23	32	Cloudy	

## SAMP DATA FOR THE MONTH OF FEBRUARY 2024 - THODUPUZHA (IDUKKI)

STN Code	Sampling Date	Monitoring Station	Latitude	Longitude	Type Of	City	District	State Name	Monitoring Agency	SO2_6AM_10AM	SO2_10AM_2PM	SO2_2PM_6PM	SO2_6PM_10PM	SO2_10PM_2AM	SO2_2AM_6AM	SO2 24 hourly average			Weather
					Location					Area class :	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2		4-Hourly Value of SO2	4-Hourly Value of SO2	
New Station	01-02-2024	THODUPUZHA	9.9039812	76.711462	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	05-02-2024	THODUPUZHA	9.9039812	76.711462	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	08-02-2024	THODUPUZHA	9.9039812	76.711462	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	12-02-2024	THODUPUZHA	9.9039812	76.711462	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	15-02-2024	THODUPUZHA	9.9039812	76.711462	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	19-02-2024	THODUPUZHA	9.9039812	76.711462	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	22-02-2024	THODUPUZHA	9.9039812	76.711462	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	26-02-2024	THODUPUZHA	9.904221	76.711358	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
	28-02-2024	Thodupuzha	9.904221	76.711358	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0			
NO2_6AM_10AM	NO2_10AM_2PM	NO2_2PM_6PM	NO2_6PM_10PM	NO2_10PM_2AM	NO2_2AM_6AM	NO2 24 hourly average	RSPM_6AM_2PM	RSPM_2PM_10PM	RSPM_10PM_6AM	RSPM 24 hourly average	SPM_6AM_2PM	SPM_2PM_10PM	SPM_10PM_6AM	SPM 24 hourly average	24-hourly value	Temperature°C		Weather	
4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2		8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of RSPM		8-Hourly Value of SPM	8-Hourly Value of SPM	8-Hourly Value of SPM			Min	Max		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	48	49	20	39	95	85	53	78	31	24	34	Sunny	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	45	47	32	42	78	91	59	76	36	23	34	Partly cloudy	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	50	61	54	55	82	99	84	88	38	25	33	Partly cloudy	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	70	39	66	58	97	67	96	87	48	24	32	Cloudy	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	27	57	69	51	54	93	92	80	25	24	36	Sunny	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	32	45	39	39	84	67	67	73	36	25	35	Sunny	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	30	50	44	41	69	80	84	77	20	25	35	Partly cloudy	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	47	47	36	43	93	94	77	88	27	26	35	Sunny	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	24	43	23	30	77	84	52	71	41	25	34	Partly cloudy	

## SAMP DATA FOR THE MONTH OF FEBRUARY 2024 - BEML LIMITED (PALAKKAD)

STN Code	Sampling Date	Monitoring Station	Latitude	Longitude	Type Of	City	District	State Name	Monitoring Agency	SO2_6AM_10AM	SO2_10AM_14PM	SO2_14PM_18PM	SO2_18PM_22PM	SO2_22PM_2AM	SO2_2AM_6AM	SO2 24 hourly average	
					Location Area					4-AM	4-4PM	4-18PM	4-Hourly Value of S02	4-Hourly Value of S02	4-Hourly Value of S02		
					class :					Hourly Value of S02	Hourly Value of S02	Hourly Value of S02	4-Hourly Value of S02	4-Hourly Value of S02	4-Hourly Value of S02		
311B	01-02-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	05-02-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	08-02-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	12-02-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	15-02-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	19-02-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	22-02-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	26-02-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	28-02-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
NO2_6AM_10AM	NO2_10AM_14PM	NO2_14PM_18PM	NO2_18PM_22PM	NO2_22PM_2AM	NO2_2AM_6AM	NO2 24 hourly average	RSPM_6AM_14PM	RSPM_14PM_22PM	RSPM_22PM_6AM	RSPM 24 hourly average	SPM_6AM_14PM	SPM_14PM_2PM	SPM_22PM_6AM	SPM 24 hourly average	PM 2.5	Temperature	
4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2		8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of RSPM		8-Hourly Value of SPM	8-Hourly Value of SPM	8-Hourly Value of SPM		24-hourly value	Min	Max
4.50	4.50	4.50	4.50	4.50	4.50	4.50	27	32	32	30	57	81	37	58	46	22	34
4.50	4.50	4.50	4.50	4.50	4.50	4.50	25	29	35	30	55	79	40	58	47	22	34
4.50	4.50	4.50	4.50	4.50	4.50	4.50	31	24	34	30	62	77	41	60	46	20	35
4.50	4.50	4.50	4.50	4.50	4.50	4.50	47	30	27	35	83	80	32	65	40	20	33
4.50	4.50	4.50	4.50	4.50	4.50	4.50	36	65	37	46	69	117	49	78	31	21	33
4.50	4.50	4.50	4.50	4.50	4.50	4.50	24	45	46	38	58	96	57	70	53	22	34
4.50	4.50	4.50	4.50	4.50	4.50	4.50	23	39	44	35	56	60	58	58	38	24	36
4.50	4.50	4.50	4.50	4.50	4.50	4.50	33	32	49	38	63	78	74	72	18	22	34
4.50	4.50	4.50	4.50	4.50	4.50	4.50	33	32	32	32	65	51	58	58	30	21	35

## SAMP DATA FOR THE MONTH OF FEBRUARY 2024 - MANGATTUPARAMBU (KANNUR)

Sampling Date	Monitoring Station & Code	Latitude	Longitude	Types of location		City	District	State	Monitoring agency	SO2							Temperature(°c)		Weather
				Class	6AM-10AM					10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg				
					4 hourly values of SO2														
01.02.2024	MANGATTU PARAMBA KL SAMP 04	11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*				
05.02.2024		11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*				
08.02.2024		11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*				
12.02.2024		11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*				
15.02.2024		11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*				
19.02.2024		11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*				
22.02.2024		11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*				
26.02.2024		11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*				
28.02.2024		11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*				
NOx							RSPM			RSPM 24hrs avg	SPM			SPM 24 hrs avg	Temperature(°c)		Weather		
6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg	5AM-2PM	2PM-10PM	10PM-6AM		6AM-2PM	2PM-10PM	10PM-6AM		Min	Max			
4 hourly values of NOx																			
*	*	*	*	*	*	*	54.7	56.1	66.7	59.2	114.2	104.3	108.5	109.0	22	29	CLEAR		
*	*	*	*	*	*	*	65.9	48.2	55.8	56.6	119.2	98.2	108.2	108.5	25	33	CLEAR		
*	*	*	*	*	*	*	47.6	45.1	56.4	49.7	88.2	83.8	95.6	89.2	22	31	CLEAR		
*	*	*	*	*	*	*	48.3	46.0	61.1	51.8	97.2	77.3	87.7	87.4	21	30	CLEAR		
*	*	*	*	*	*	*	43.1	54.3	64.8	54.0	89.4	85.6	107.7	94.2	23	31	CLEAR		
*	*	*	*	*	*	*	46.8	48.1	60.8	51.9	77.9	75.3	89.1	80.8	22	32	CLEAR		
*	*	*	*	*	*	*	44.4	44.5	46.5	45.2	75.2	71.2	74.5	73.6	21	29	CLEAR		
*	*	*	*	*	*	*	47.7	42.7	45.6	45.3	83.9	74.2	72.7	76.9	24	33	CLEAR		
*	*	*	*	*	*	*	46.8	47.2	45.8	46.6	77.6	82.4	75.3	78.4	25	32	CLEAR		

## SAMP DATA FOR THE MONTH OF FEBRUARY 2024 - KANNUR (KANNUR)

Sampling Date	Monitoring Station & Code	Latitude	Longitude	Types of location	City	District	State	Monitoring agency	SO2							4 hrs avg		
				Class					6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM				
				4 hourly values of SO2														
01.02.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	*		
05.02.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	*		
08.02.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	*		
12.02.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	*		
15.02.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	*		
19.02.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	*		
22.02.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	*		
26.02.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	*		
28.02.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	*		
NOx							RSPM			RSPM 24hrs avg	SPM			SPM 24 hrs avg	PM 2.5	Temperature(°c)		Weather
6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg	6AM-2PM	2PM-10PM	10PM-6AM		6AM-2PM	2PM-10PM	10PM-6AM					
4 hourly values of NOx																Min	Max	
*	*	*	*	*	*	*	57.7	53.7	72.1	61.2	112.3	119.5	117.8	116.5	48.54	22	29	CLEAR
*	*	*	*	*	*	*	49.3	54.5	66.1	56.6	98.8	103.0	113.9	105.2	47.25	25	33	CLEAR
*	*	*	*	*	*	*	49.7	51.5	60.9	54.0	84.3	87.0	94.5	88.6	45.08	22	31	CLEAR
*	*	*	*	*	*	*	33.6	35.3	51.5	40.1	68.6	64.8	85.0	72.8	46.35	21	30	CLEAR
*	*	*	*	*	*	*	49.6	25.0	56.8	43.8	82.5	58.7	79.2	73.5	46.50	23	31	CLEAR
*	*	*	*	*	*	*	52.6	28.0	55.3	45.3	86.2	61.7	83.4	77.1	49.91	22	32	CLEAR
*	*	*	*	*	*	*	37.6	36.3	51.4	41.8	73.9	68.5	82.6	75.0	42.39	21	29	CLEAR
*	*	*	*	*	*	*	36.2	37.3	39.1	37.6	71.5	74.3	75.3	73.7	49.67	24	33	CLEAR
*	*	*	*	*	*	*	42.5	33.3	33.4	36.4	58.2	61.3	69.0	62.9	46.31	25	32	CLEAR

\* Parameter not monitored due to the complaint of Spectrophotometer.