

SAMP DATA FOR THE MONTH OF MARCH 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	Temperature		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		Min	Max	
01-03-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0	27	33	Sunny
04-03-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0	27	32	Sunny
06-03-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0	27	32	Sunny
11-03-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	3	2	2	2	2	2.2	26	33	Sunny
13-03-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0	28	33	Sunny
15-03-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0	27	32	Sunny
18-03-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0	27	33	Sunny
26-03-2024	MUVATTUPUZHA	EKM	9.996199	76.572509	C	Kerala	KSPCB	2	2	2	2	2	2	2.0	27	33	Sunny
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			
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	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			
24.7	4.5	22.6	11	18.9	12.5	15.7	50	49	31	43	74	55	35	55			
14.9	4.5	9.5	4.5	11	4.5	8.2	85	41	19	48	119	57	37	71			
4.5	12.5	11	4.5	4.5	4.5	6.9	46	73	21	47	67	94	33	65			
13.7	4.5	4.5	4.5	4.5	4.5	6.0	29	41	36	35	38	58	47	48			
25.6	18.9	14.9	11.6	4.5	4.5	13.3	41	35	26	34	65	58	39	54			
4.5	15.9	14.9	10.7	4.5	4.5	9.2	32	42	39	38	41	61	77	60			
4.5	4.5	4.5	9.5	4.5	4.5	5.3	71	30	17	39	127	46	19	64			
4.5	10.7	4.5	4.5	4.5	4.5	5.5	48	30	34	37	63	30	65	53			

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

STN Code	Sampling Date	Monitoring Station	Latitude	Longitude	Type Of Location	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																				
					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	Temperature°C																					
																	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																	
KL SAMP 06	01-03-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0																							
KL SAMP 06	04-03-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0																							
KL SAMP 06	06-03-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0																							
KL SAMP 06	11-03-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0																							
KL SAMP 06	13-03-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0																							
KL SAMP 06	15-03-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0																							
KL SAMP 06	18-03-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0																							
KL SAMP 06	20-03-2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0																							
KL SAMP 06	26-03-2024	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	PM 2.5	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		24-hourly value	Min	Max																						
4.5	4.5	4.5	4.5	4.5	4.5	4.5	38	43	33	38	71	77	52	67	24	25	33	Cloudy																					
4.5	4.5	4.5	4.5	4.5	4.5	4.5	34	43	39	39	57	67	56	60	34	23	34	Sunny																					
4.5	4.5	4.5	4.5	4.5	4.5	4.5	48	53	36	46	78	68	58	68	23	25	33	Partly cloudy																					
4.5	4.5	4.5	4.5	4.5	4.5	4.5	33	38	28	33	37	58	49	48	33	24	31	Cloudy																					
4.5	4.5	4.5	4.5	4.5	4.5	4.5	56	61	39	52	89	95	58	81	32	25	32	Sunny																					
4.5	4.5	4.5	4.5	4.5	4.5	4.5	32	44	35	37	50	64	56	57	25	24	30	Partly Cloudy																					
4.5	4.5	4.5	4.5	4.5	4.5	4.5	38	42	32	37	52	63	40	52	26	24	33	Cloudy																					
4.5	4.5	4.5	4.5	4.5	4.5	4.5	38	61	34	44	60	89	49	66	27	25	33	Sunny																					
4.5	4.5	4.5	4.5	4.5	4.5	4.5	40	59	34	44	75	85	40	66	26	24	32	Cloudy																					

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

STN Code	Sampling Date	Monitoring Station	Latitude	Longitude	Type Of Location	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
					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	PM 2.5		Temperature°C			
KL SAMP 05	01-03-2024	THODUPUZH	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0				
KL SAMP 05	04-03-2024	THODUPUZH	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0				
KL SAMP 05	06-03-2024	THODUPUZH	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0				
KL SAMP 05	11-03-2024	THODUPUZH	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0				
KL SAMP 05	13-03-2024	THODUPUZH	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0				
KL SAMP 05	15-03-2024	THODUPUZH	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0				
KL SAMP 05	18-03-2024	THODUPUZH	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0				
KL SAMP 05	20-03-2024	THODUPUZH	9.9042212	76.711358	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0				
KL SAMP 05	26-03-2024	THODUPUZH	9.9042212	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	PM 2.5	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		24-hourly value	Min	Max			
4.5	4.5	4.5	4.5	4.5	4.5	4.5	28	52	36	39	76	88	69	77	28	25	34			Sunny
4.5	4.5	4.5	4.5	4.5	4.5	4.5	24	62	59	48	56	90	89	78	38	24	35			Sunny
4.5	4.5	4.5	4.5	4.5	4.5	4.5	50	61	34	48	82	99	66	82	43	25	33			Partly cloudy
4.5	4.5	4.5	4.5	4.5	4.5	4.5	46	63	40	50	75	93	74	81	39	24	33			Sunny
4.5	4.5	4.5	4.5	4.5	4.5	4.5	63	60	33	52	91	99	58	83	36	24	35			Sunny
4.5	4.5	4.5	4.5	4.5	4.5	4.5	42	63	33	46	79	87	64	77	25	25	33			Cloudy
4.5	4.5	4.5	4.5	4.5	4.5	4.5	37	57	34	43	77	90	75	81	31	25	35			Partly cloudy
4.5	4.5	4.5	4.5	4.5	4.5	4.5	50	72	30	51	79	87	71	79	39	26	35			Sunny
4.5	4.5	4.5	4.5	4.5	4.5	4.5	54	56	40	50	91	79	72	80	31	25	34			Partly cloudy

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

STN Code	SamplingDate	MonitoringStation	Latitude	Longitude	Type Of Location	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	
					M					M	PM	PM	M	M	Area class :		4-Hourly Value of SO2
311B	01-03-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	04-03-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	06-03-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	11-03-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	13-03-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	15-03-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	18-03-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	20-03-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	26-03-2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
NO2_6AM_10AM	NO2_10AM14PM	NO2_14PM18PM	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_22PM	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	47	52	52	50	49	149	153	117	42	22	35
4.50	4.50	4.50	4.50	4.50	4.50	4.50	34	70	52	52	58	123	72	84	21	21	34
4.50	4.50	4.50	4.50	4.50	4.50	4.50	53	53	50	52	68	108	70	82	17	23	36
4.50	4.50	4.50	4.50	4.50	4.50	4.50	44	68	44	52	65	120	73	86	13	23	36
4.50	4.50	4.50	4.50	4.50	4.50	4.50	52	18	36	35	52	115	60	76	42	23	38
4.50	4.50	4.50	4.50	4.50	4.50	4.50	83	21	50	51	106	112	79	99	46	25	37
4.50	4.50	4.50	4.50	4.50	4.50	4.50	33	20	29	27	34	117	129	93	17	23	36
4.50	4.50	4.50	4.50	4.50	4.50	4.50	23	67	23	38	28	71	34	44	51	23	37
4.50	4.50	4.50	4.50	4.50	4.50	4.50	25	16	26	22	136	116	135	129	21	23	37

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

Sampling Date	Monitoring Station & Code	Latitude	Longitude	Types of location	City	District	State	Monitoring agency	SO2							Temperature(°c)	
				Class					6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg	Min	Max
									4 hourly values of SO2								
01.03.2024	MANGATTUPARAMBU MBA KL SAMP 04	11.986566	75.382	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	28	34
06.03.2024									*	*	*	*	*	*	*	21	32
11.03.2024									*	*	*	*	*	*	*	24	35
13.02.2024									*	*	*	*	*	*	*	26	35
15.03.2024									*	*	*	*	*	*	*	23	30
18.03.2024									*	*	*	*	*	*	*	24	33
20.03.2024									*	*	*	*	*	*	*	25	31
22.03.2024									*	*	*	*	*	*	*	26	31
26.03.2024									*	*	*	*	*	*	*	26	31
NOx							RSPM			RSPM	SPM			PM 2.5	Weather		
6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg	6AM-2PM	2PM-10PM	10PM-6AM	24hrs avg	6AM-2PM	2PM-10PM	10PM-6AM			24 hrs avg	
4 hourly values of NOx							8 hourly values of RSPM			8 hourly values of SPM							
*	*	*	*	*	*	*	46.3	42.4	51.3	46.7	77.6	75.2	81.1	78.0	54.14	CLEAR	
*	*	*	*	*	*	*	45.3	36.5	59.9	47.2	78.3	68.3	93.0	79.9	34.06	CLEAR	
*	*	*	*	*	*	*	66.7	47.1	95.4	69.7	113.4	75.2	138.6	109.1	41.25	CLEAR	
*	*	*	*	*	*	*	57.3	51.4	109.7	72.8	109.8	79.6	135.9	108.5	44.14	CLEAR	
*	*	*	*	*	*	*	76.5	47.3	71.0	64.9	109.5	79.6	89.8	93.0	47.04	CLEAR	
*	*	*	*	*	*	*	24.7	77.5	72.0	58.1	35.5	102.3	101.6	79.8	55.30	CLEAR	
*	*	*	*	*	*	*	64.1	54.7	109.1	76.0	95.3	85.6	142.8	107.9	43.04	CLEAR	
*	*	*	*	*	*	*	49.8	30.3	45.9	42.0	80.8	61.9	77.4	73.4	39.56	CLEAR	
*	*	*	*	*	*	*	29.1	39.6	44.6	37.7	57.8	77.7	79.6	71.7	43.67	CLEAR	

* Parameter not monitored due to the complaint of Spectrophotometer.

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

Sampling Date	Monitoring Station & Code	Latitude	Longitude	Types of location	City	District	State	Monitoring agency	SO2							Temperature(°c)	
				Class					6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg	Min	Max
									4 hourly values of SO2								
01.03.2024	MANGATTUPARAMBU MBA KL SAMP 04	11.986566	75.382	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	*	*	*	*	*	*	*	28	34
06.03.2024									*	*	*	*	*	*	*	21	32
11.03.2024									*	*	*	*	*	*	*	24	35
13.02.2024									*	*	*	*	*	*	*	26	35
15.03.2024									*	*	*	*	*	*	*	23	30
18.03.2024									*	*	*	*	*	*	*	24	33
20.03.2024									*	*	*	*	*	*	*	25	31
22.03.2024									*	*	*	*	*	*	*	26	31
26.03.2024									*	*	*	*	*	*	*	26	31
NOx							RSPM			RSPM 24hrs avg	SPM			SPM 24 hrs avg	PM 2.5	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							8 hourly values of RSPM			8 hourly values of SPM							
*	*	*	*	*	*	*	46.3	42.4	51.3	46.7	77.6	75.2	81.1	78.0	54.14	CLEAR	
*	*	*	*	*	*	*	45.3	36.5	59.9	47.2	78.3	68.3	93.0	79.9	34.06	CLEAR	
*	*	*	*	*	*	*	66.7	47.1	95.4	69.7	113.4	75.2	138.6	109.1	41.25	CLEAR	
*	*	*	*	*	*	*	57.3	51.4	109.7	72.8	109.8	79.6	135.9	108.5	44.14	CLEAR	
*	*	*	*	*	*	*	76.5	47.3	71.0	64.9	109.5	79.6	89.8	93.0	47.04	CLEAR	
*	*	*	*	*	*	*	24.7	77.5	72.0	58.1	35.5	102.3	101.6	79.8	55.30	CLEAR	
*	*	*	*	*	*	*	64.1	54.7	109.1	76.0	95.3	85.6	142.8	107.9	43.04	CLEAR	
*	*	*	*	*	*	*	49.8	30.3	45.9	42.0	80.8	61.9	77.4	73.4	39.56	CLEAR	
*	*	*	*	*	*	*	29.1	39.6	44.6	37.7	57.8	77.7	79.6	71.7	43.67	CLEAR	

* Parameter not monitored due to the complaint of Spectrophotometer.