

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

Sampling Date	Monitoring Station	District Name	Latitude	Longitude	Type Of Location	State Name	Monitoring Agency	SO2_6AM_10A	SO2_10AM_2P	SO2_2PM_6	SO2_6PM_10P	SO2_10PM_2	SO2_2AM_6A	SO2 24 hourly average	Weather	
						State Name	Name of monitoring agency :	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			
01.04.2024	MUVATTUPUZHA	EKM	9.996199	76.572509	Commercial	Kerala	KSPCB	4	2	4	2	2	4	3.0	Sunny	
04.04.2024	MUVATTUPUZHA	EKM	9.996199	76.572509	Commercial	Kerala	KSPCB	4	2	4	2	2	2	2.7	Sunny	
08.04.2024	MUVATTUPUZHA	EKM	9.996199	76.572509	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0	Sunny	
11.04.2024	MUVATTUPUZHA	EKM	9.996199	76.572509	Commercial	Kerala	KSPCB	2	3	2	2	2	2	2.2	Sunny	
16.04.2024	MUVATTUPUZHA	EKM	9.996199	76.572509	Commercial	Kerala	KSPCB	2	2	2	4	2	2	2.3	Sunny	
22.04.2024	MUVATTUPUZHA	EKM	9.996199	76.572509	Commercial	Kerala	KSPCB	2	2	2	2	6	4	3.0	Sunny	
24.04.2024	MUVATTUPUZHA	EKM	9.996199	76.572509	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0	Sunny	
29.04.2024	MUVATTUPUZHA	EKM	9.996199	76.572509	Commercial	Kerala	KSPCB	2	2	2	4	2	2	2.3	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	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		Min	Max
17.7	30.2	19.8	4.5	4.5	4.5	13.5	31	23	18	24	52	44	29	42	28	33
14.6	9.1	4.5	10.4	4.5	4.5	7.9	25	30	35	30	43	34	40	39	27	34
4.5	10.1	4.5	4.5	4.5	4.5	5.4	64	34	21	40	86	50	35	57	29	34
12.8	10.1	4.5	4.5	4.5	4.5	6.8	25	35	23	28	33	45	31	36	27	33
9.8	4.5	11	4.5	4.5	4.5	6.5	28	39	58	42	39	50	66	52	27	36
12.8	11.9	13.1	14.6	16.5	4.5	12.2	25	32	28	28	38	39	31	36	28	34
4.5	9.8	4.5	4.5	4.5	4.5	5.4	74	51	43	56	86	67	56	70	28	33
4.5	4.5	4.5	4.5	4.5	4.5	4.5	23	46	36	35	42	58	48	49	29	34

SAMP DATA FOR THE MONTH OF APRIL 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	Temperature°C	
					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		Min	Max
KL SAMP 05	4/1/2024	THODUPUZHA	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	25	36
KL SAMP 05	4/5/2024	THODUPUZHA	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	27	35
KL SAMP 05	4/8/2024	THODUPUZHA	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	26	33
KL SAMP 05	4/16/2024	THODUPUZHA	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	24	34
KL SAMP 05	4/18/2024	THODUPUZHA	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	25	35
KL SAMP 05	4/22/2024	THODUPUZHA	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	25	33
KL SAMP 05	4/24/2024	THODUPUZHA	9.9039812	76.7114615	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	25	35
KL SAMP 05	4/26/2024	THODUPUZHA	9.904221	76.711358	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	26	35
KL SAMP 05	4/29/2024	THODUPUZHA	9.904221	76.711358	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	25	34
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	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			
4.5	4.5	4.5	4.5	4.5	4.5	4.5	44	66	38	49	91	98	71	87	24	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	45	61	38	48	77	89	67	78	29	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	25	62	42	43	57	85	73	77	43	Partly cloudy		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	43	55	21	40	72	82	55	71	31	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	28	49	48	42	56	88	73	72	30	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	19	37	28	28	56	61	59	59	30	Partly Cloudy		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	31	58	19	36	72	91	59	74	42	Partly cloudy		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	25	45	41	37	54	60	83	66	32	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	41	59	22	41	78	82	53	71	39	Partly cloudy		

SAMP DATA FOR THE MONTH OF APRIL 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	Temperature °C	
					Area class					4-Hourly Value	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value	4-Hourly Value of SO2		Min	Max
KL SAMP 06	4/1/2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	24	33
KL SAMP 06	4/5/2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	23	34
KL SAMP 06	4/8/2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	23	32
KL SAMP 06	4/16/2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	23	31
KL SAMP 06	4/18/2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	25	33
KL SAMP 06	4/22/2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	24	32
KL SAMP 06	4/24/2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	23	33
KL SAMP 06	4/26/2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	25	33
KL SAMP 06	4/29/2024	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0	23	32
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	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			
4.5	4.5	4.5	4.5	4.5	4.5	4.5	27	38	29	31	59	72	48	60	24	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	30	40	38	36	52	64	54	57	29	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	40	42	33	38	69	57	55	60	32	Partly cloudy		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	22	41	31	31	26	61	52	46	22	Cloudy		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	21	40	39	33	55	74	58	62	30	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	27	29	27	28	45	49	49	48	30	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	28	50	37	38	42	70	46	53	39	Partly Cloudy		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	40	51	33	41	62	79	48	63	29	Sunny		
4.5	4.5	4.5	4.5	4.5	4.5	4.5	21	37	21	26	56	63	26	48	26	Cloudy		

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

STN Code	Sampling Date	Monitoring Station	Latitude	Longitude	Type Of Location	City	District	State Name	Monitoring Agency	SO2_6AM_10AM_4-	SO2_10AM_14PM	SO2_14PM_18PM	SO2_18PM_22PM	SO2_22PM_2AM	SO2_2AM_6AM_4-	SO2 24 hourly average	
					Area class :					Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	Hourly Value of SO2		
311B	01/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	04/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	08/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	11/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2	
311B	16/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	18/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	22/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	24/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	26/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
311B	29/04/2024	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0	
NO2_6AM_10AM_4-Hourly Value of NO2	NO2_10AM_14PM_4-Hourly Value of NO2	NO2_14PM_18PM_4-Hourly Value of NO2	NO2_18PM_22PM_4-Hourly Value of NO2	NO2_22PM_2AM_4-Hourly Value of NO2	NO2_2AM_6AM_4-Hourly Value of NO2	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	
							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	60	35	32	42	123	52	43	73	51	25	38
4.50	4.50	4.50	4.50	4.50	4.50	4.50	30	26	57	38	131	32	170	111	46	26	39
4.50	4.50	4.50	4.50	4.50	4.50	4.50	35	19	37	30	86	37	54	59	29	26	39
4.50	4.50	4.50	4.50	4.50	4.50	4.50	28	47	64	46	39	63	79	60	34	25	37
4.50	4.50	4.50	4.50	4.50	4.50	4.50	35	49	51	45	56	72	68	65	55	26	37
4.50	4.50	4.50	4.50	4.50	4.50	4.50	22	21	29	24	60	39	53	51	46	26	37
4.50	4.50	4.50	4.50	4.50	4.50	4.50	46	33	32	37	87	61	52	67	25	26	40
4.50	4.50	4.50	4.50	4.50	4.50	4.50	26	31	34	30	64	137	58	86	34	25	39
4.50	4.50	4.50	4.50	4.50	4.50	4.50	83	87	87	86	108	174	192	158	21	27	39
4.50	4.50	4.50	4.50	4.50	4.50	4.50	22	25	43	30	59	95	75	76	34	27	40

SAMP DATA FOR THE MONTH OF APRIL 2024 - KANNUR (KANNUR)

Sampling Date	Monitoring Station & Code	Latitude	Longitude	Types of location	City	District	State	Monitoring agency	SO2							Weather	
									6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg		
				Class					4 hourly values of SO2								
01.04.2024	KANNUR KL SAMP 03	11.878504	75.376382	COMMERCIAL	KANNUR	KANNUR	KERALA	KSPCB	2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
04.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
08.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
11.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
15.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
18.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
22.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
24.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
29.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
NOx							RSPM			RSPM 24hrs avg	SPM			SPM 24 hrs avg	PM 2.5	Temperature(°c)	
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		Min	Max	
4 hourly values of NOx																	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	39.5	29.9	46.2	38.5	56.8	50.5	80.7	62.7	50.32	25	34
4.5	4.5	4.5	4.5	4.5	4.5	4.5	77.1	24.8	79.8	60.6	96.1	41.8	89.9	75.9	34.77	27	34
4.5	4.5	4.5	4.5	4.5	4.5	4.5	51.3	32.8	67.8	50.6	74.3	49.8	75.8	66.6	24.25	26	35
4.5	4.5	4.5	4.5	4.5	4.5	4.5	33.1	32.6	37.5	34.4	71.3	58.1	57.7	62.3	32.83	27	35
4.5	4.5	4.5	4.5	4.5	4.5	4.5	75.8	16.8	43.5	45.4	92.0	46.7	53.6	64.1	26.85	26	33
4.5	4.5	4.5	4.5	4.5	4.5	4.5	19.0	25.6	12.9	19.2	57.2	50.6	35.5	47.8	20.02	26	33
4.5	4.5	4.5	4.5	4.5	4.5	4.5	16.4	14.7	6.3	12.5	54.6	40.4	16.5	37.2	24.58	27	37
4.5	4.5	4.5	4.5	4.5	4.5	4.5	16.9	31.9	14.0	20.9	55.1	57.4	36.5	49.7	41.00	27	36
4.5	4.5	4.5	4.5	4.5	4.5	4.5	15.2	43.4	29.8	29.5	48.4	80.5	57.1	62.0	33.34	27	37

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

Sampling Date	Monitoring Station & Code	Latitude	Longitude	Types of location	City	District	State	Monitoring agency	SO2							Weather	
									6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg		
				Class					4 hourly values of SO2								
01.04.2024	MANGATTUPARAMBU A KL SAMP 04	11.986566	75.381995	INDUSTRIAL	KANNUR	KANNUR	KERALA	KSPCB	2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
04.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
08.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
11.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
15.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
18.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
22.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
24.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
29.04.2024									2.0	2.0	2.0	2.0	2.0	2.0	2.0	CLEAR	
NOx							RSPM			RSPM 24hrs avg	SPM			SPM 24 hrs avg	PM 2.5	Temperature(°c)	
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		Min	Max	
4 hourly values of NOx																	
4.5	4.5	4.5	4.5	4.5	4.5	4.5	34.3	32.0	58.1	41.5	63.9	58.1	92.8	71.6	47.60	25	34
4.5	4.5	4.5	4.5	4.5	4.5	4.5	52.5	33.6	67.6	51.2	75.5	58.5	86.1	73.4	25.66	27	34
4.5	4.5	4.5	4.5	4.5	4.5	4.5	23.6	31.4	99.3	51.5	40.0	51.1	134.3	75.2	33.75	26	35
4.5	4.5	4.5	4.5	4.5	4.5	4.5	22.6	28.3	53.6	34.8	61.5	62.0	82.5	68.7	42.67	27	35
4.5	4.5	4.5	4.5	4.5	4.5	4.5	53.3	53.8	92.8	66.6	105.9	82.0	119.0	102.3	52.82	26	33
4.5	4.5	4.5	4.5	4.5	4.5	4.5	37.4	25.2	54.3	39.0	76.4	47.5	89.3	71.1	41.24	26	33
4.5	4.5	4.5	4.5	4.5	4.5	4.5	29.5	29.7	19.5	26.2	68.4	54.6	52.3	58.4	49.70	27	37
4.5	4.5	4.5	4.5	4.5	4.5	4.5	32.2	12.0	13.5	19.2	71.2	36.9	44.4	50.8	40.83	27	36
4.5	4.5	4.5	4.5	4.5	4.5	4.5	15.7	12.6	16.6	15.0	56.9	40.8	25.1	40.9	44.11	27	37