

Comparative Values of PM₁₀, SO₂&NO₂ µg/m³

For the years 2017-2021

Station Name: - **Milk Plant, Ferozpur Road, Ludhiana**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	114	138	134	150	163	22	26	21	25	30	10	5	8	8	10
February	118	108	112	167	188	22	34	20	24	34	8	7	7	8	10
March	99	103	103	130	159	23	36	19	29	37	8	10	6	7	11
April	107	119	178	--	166	23	31	21	--	40	8	8	17	--	11
May	107	106	99	55	102	22	33	23	18	29	9	9	8	7	10
June	108	190	107	90	184	25	34	24	20	25	8	9	8	6	10
July	101	102	88	97	165	24	28	24	18	21	8	8	7	5	8
August	91	105	64	98	170	22	29	22	19	21	7	8	26	5	8
September	98	96	65	110	175	23	26	20	20	20	8	10	12	6	9
October	150	152	213	204	206	25	23	32	25	24	8	8	11	10	9
November	222	287	224	217	270	36	36	31	31	34	7	12	7	11	13
December	143	156	154	172	275	21	23	26	30	32	11	8	8	9	13
Annual Avg.	122	139	128	135	185	24	30	24	24	29	8	9	10	7	10

Comparative Values of PM₁₀, SO₂&NO₂ µg/m³

For the years 2017-2021

Station Name: - **United Cycle Parts Building, Gill Road, Ludhiana (Earlier Punjab Pollution Control Board Office, Gill Road, Ludhiana)**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	117	195	132	164	165	23	44	25	29	32	14	8	15	10	11
February	133	116	94	187	210	22	49	23	32	36	12	7	9	11	11
March	150	118	77	180	171	20	50	21	33	38	11	8	11	11	12
April	125	121	139	--	176	25	40	20	--	41	9	7	13	--	12
May	134	96	142	130	133	23	30	20	21	28	10	8	14	7	10
June	162	165	154	117	185	28	29	20	22	27	11	8	11	7	11
July	127	55	126	96	172	22	22	17	21	23	10	7	9	6	9
August	119	84	160	113	166	20	21	24	21	22	9	7	10	6	9
September	123	89	152	129	165	23	22	21	22	22	11	7	10	8	10
October	199	140	148	196	186	24	30	29	27	24	9	9	9	10	10
November	286	131	202	234	253	46	35	36	35	36	10	11	8	14	13
December	185	129	193	181	225	42	28	29	31	33	8	13	9	10	14
Annual Avg.	155	120	143	157	184	27	30	24	27	30	10	8	11	9	11

Comparative Values of PM₁₀, SO₂&NO₂ µg/m³

For the years 2017-2021

Station Name :-**Nahar Industrial Enterprises Ltd, Industrial Area – A, Ludhiana (Earlier Rita Sewing Machine, Industrial Area-A, Ludhiana)**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	131	162	188	187	192	23	48	29	26	32	10	10	14	9	11
February	120	158	140	189	219	22	47	18	32	36	9	7	9	10	11
March	102	180	135	179	190	21	53	20	29	40	7	9	12	9	12
April	127	241	189	--	184	23	45	26	--	42	9	7	18	--	12
May	122	188	136	131	147	23	34	26	22	27	9	8	15	7	11
June	131	252	153	144	168	24	32	19	22	27	11	10	18	7	10
July	131	126	144	117	184	23	16	15	22	22	9	6	9	6	9
August	119	73	116	133	172	22	11	31	22	22	7	5	41	6	8
September	158	96	135	143	198	23	17	32	24	23	11	9	12	9	10
October	209	177	138	187	208	25	33	31	29	26	10	11	10	11	11
November	326	209	174	300	250	48	25	30	36	35	13	13	8	16	13
December	251	183	162	179	257	43	31	27	32	34	10	13	9	10	14
Annual Avg.	161	170	151	172	197	27	33	25	27	31	10	9	15	9	11

Comparative Values of PM₁₀, SO₂&NO₂ µg/m³

For the years 2017-2021

Station Name: - **Vishvakarma Chowk, Ludhiana**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	158	212	185	224	218	27	33	28	31	33	9	7	11	11	12
February	183	201	163	254	230	26	39	28	33	37	8	9	11	12	11
March	189	254	168	227	208	28	44	29	34	41	9	11	11	12	13
April	211	292	185	--	191	31	38	31	--	43	10	10	13	--	13
May	220	267	180	167	193	33	39	27	25	30	10	11	11	8	12
June	177	166	149	174	222	30	37	28	26	28	10	11	12	8	11
July	160	126	120	175	199	28	31	26	24	25	9	10	9	8	9
August	141	169	136	181	217	23	30	50	26	25	7	11	42	8	9
September	230	146	150	207	231	27	23	35	25	26	8	10	12	9	11
October	306	237	296	300	305	31	31	36	32	28	10	12	14	13	12
November	322	294	252	318	356	42	35	34	34	38	8	14	10	13	16
December	232	194	198	241	327	42	25	31	36	36	8	10	9	11	15
Annual Avg.	211	213	182	224	241	31	34	32	30	33	9	11	14	10	12

Comparative Values of PM₁₀, SO₂&NO₂ µg/m³

For the years 2017-2021

Station Name: - **Markfed Vanaspati & Allied Industries, G. T. Road, Focal Point, Khanna**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	113	173	239	159	-	25	29	22	19	-	12	8	8	10	-
February	140	131	198	184	-	22	29	16	29	-	11	7	7	10	-
March	138	120	180	154	-	20	33	29	25	-	10	8	9	11	-
April	170	124	201	--	-	22	36	10	--	-	12	10	12	--	-
May	176	132	189	--	-	21	38	23	--	-	12	10	9	--	-
June	148	137	163	--	-	20	43	26	--	-	8	12	9	--	-
July	120	-	170	--	-	18	-	27	--	-	8	-	8	--	-
August	100	-	214	--	-	20	-	28	--	-	8	-	11	--	-
September	158	159	155	--	--	23	26	24	--	-	11	8	10	--	-
October	239	230	190	-	--	24	27	35	-	--	10	9	10	-	--
November	216	272	198	-	-	35	26	36	-	-	9	7	12	-	-
December	135	246	193	-	-	32	25	29	-	-	8	7	10	-	-
Annual Avg.	154	172	191	166	-	24	31	25	24	-	10	9	10	10	-

Comparative Values of PM₁₀, SO₂&NO₂ µg/m³

For the years 2017-2021

Station Name: - **A.S. Senior Secondary School, G. T. Road, Khanna**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	96	182	172	115	-	19	32	26	20	-	8	8	8	9	-
February	110	90	170	127	-	19	29	24	25	-	8	7	8	8	-
March	110	119	136	90	-	20	33	24	22	-	8	8	9	10	-
April	127	126	123	--	-	20	35	22	--	-	8	9	12	--	-
May	129	130	107	--	-	19	36	22	--	-	9	8	11	--	-
June	91	124	176	--	-	20	35	23	--	-	8	9	11	--	-
July	87	124	140	--	-	19	35	21	--	-	7	8	7	--	-
August	76	80	113	--	-	21	20	39	--	-	7	5	41	--	-
September	86	146	118	--	-	21	23	25	--	-	9	10	13	--	-
October	175	133	133	-	--	22	25	37	-	-	7	7	10	-	-
November	231	229	140	-	-	34	25	34	-	-	7	7	12	-	-
December	168	243	131	-	-	35	26	27	-	-	8	7	9	-	-
Annual Avg.	124	138	138	111	-	22	30	27	22	-	8	7	13	9	-

Comparative Values of PM10, SO₂ & NO₂ µg/m³

For the year 2017-2021

Rural Area Station Name: - **Gopimal Koursain Industry, Vill- Rohila, Distt.-Ludhiana**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	-	-	135	103	167	-	-	18	20	21	-	-	10	5	10
February	-	-	103	112	136	-	-	16	25	21	-	-	8	5	9
March	-	47	161	112	141	-	11	19	25	22	-	5	11	5	9
April	-	133	200	--	144	-	11	23	--	22	-	5	6	--	8
May	-	211	349	--	120	-	21	12	--	23	-	8	8	--	8
June	-	220	152	--	128	-	21	17	--	19	-	7	13	--	7
July	-	75	110	--	128	-	20	19	--	21	-	6	7	--	7
August	-	91	66	--	60	-	23	15	--	8	-	7	7	--	5
September	-	79	241	164	46	-	25	22	21	7	-	8	9	9	4
October	-	125	167	196	102	-	24	30	24	12	-	7	10	11	6
November	-	181	241	170	129	-	26	34	27	20	-	8	14	11	9
December	-	157	129	153	154	-	25	24	20	17	-	6	7	9	10
Annual Avg.	-	132	171	144	121	-	21	21	23	18	-	7	9	8	8

Comparative Values of PM10, SO₂ & NO₂ µg/m³

For the year 2017-2021

Rural Area Station Name:-**Longiwalia Yarns, Vill. Bishanpura, Distt-Ludhiana**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	-	-	186	114	160	-	-	17	22	22	-	-	7	6	8
February	-	-	122	122	144	-	-	18	28	23	-	-	7	8	9
March	-	72	178	80	154	-	11	20	22	24	-	5	7	4	8
April	-	116	202	--	171	-	11	21	--	25	-	5	10	--	10
May	-	165	259	-	146	-	21	25	--	23	-	8	11	--	8
June	-	201	-	--	136	-	21	-	--	23	-	7	-	--	8
July	-	77	85	64	126	-	19	14	14	22	-	6	7	8	8
August	-	87	57	95	108	-	19	14	15	16	-	6	5	6	7
September	-	73	146	160	72	-	19	24	24	15	-	6	7	10	7
October	-	160	165	224	150	-	20	29	27	17	-	6	11	13	8
November	-	203	336	182	132	-	24	39	29	17	-	9	17	11	8
December	-	215	156	159	173	-	20	27	22	18	-	8	9	8	10
Annual Avg.	-	137	172	153	139	-	19	23	23	20	-	7	9	8	8

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³
For the year 2017-2021

Rural Area Station Name: - **Forest Office, Vill. Aligarh, Distt-Ludhiana**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	-	115	114	39	-	-	25	20	15	-	-	3	6	5	-
February	-	113	92	30	-	-	26	17	15	-	-	3	6	5	-
March	-	162	68	22	-	-	26	14	16	-	-	4	5	6	-
April	-	165	88	--	-	-	24	18	--	-	-	5	9	--	-
May	-	123	77	--	-	-	27	19	--	-	-	6	12	--	-
June	-	162	104	--	-	-	29	18	--	-	-	7	7	--	-
July	-	62	110	--	33	-	18	13	--	12	-	6	5	--	8
August	-	74	47	--	40	-	16	11	--	12	-	6	5	--	7
September	-	94	34	--	40	-	14	13	--	8	-	5	6	--	6
October	-	137	37	-	71	-	18	20	-	16	-	8	6	-	8
November	188	154	69	-	108	24	21	24	-	18	4	7	8	-	10
December	134	141	64	-	95	27	15	21	-	19	4	6	6	-	7
Annual Avg.	161	125	75	30	65	25.5	22	17	15	14	4	6	7	5	8

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³
For the year 2017-2021

Rural Area Station Name:-**Ludhiana College of Engineering, Vill. Chowkimann, Distt-Ludhiana**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
January	-	112	112	77	-	-	24	21	20	-	-	3	8	8	-
February	-	101	83	108	-	-	26	19	19	-	-	2	7	8	-
March	-	138	63	114	-	-	26	18	19	-	-	4	6	9	-
April	-	137	83	--	-	-	24	20	--	-	-	5	8	--	-
May	-	158	75	--	-	-	27	21	--	-	-	6	9	--	-
June	-	231	78	--	-	-	29	22	--	-	-	8	8	--	-
July	-	107	60	--	27	-	25	18	--	11	-	7	7	--	7
August	-	100	37	--	52	-	21	17	--	14	-	5	7	--	7
September	-	118	29	--	73	-	24	15	--	12	-	6	7	--	7
October	-	149	35	-	83	-	26	11	-	15	-	8	7	-	7
November	251	176	85	-	107	44	26	25	-	20	4	7	8	-	9
December	123	181	88	-	119	28	20	20	-	20	4	7	8	-	7
Annual Avg.	187	142	69	100	77	36	25	19	19	15	4	6	8	8	7