

Comparative Values of PM₁₀, SO₂&NO₂µg/m³

For the years 2019-2023

Station Name:-United Iron & Re rolling Mill, Amlah Road, Mandi Gobindgarh.

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	175	130	135	134	135	39	36	25	23	22	8	7	10	10	12
February	116	118	98	129	122	37	26	24	22	20	7	7	7	11	11
March	145	112	128	126	98	43	27	24	21	18	7	7	9	9	10
April	132	--	112	136	104	36	--	18	24	20	7	--	7	10	9
May	153	118	110	120	100	39	16	22	25	23	8	8	9	9	12
June	136	119	101	118	105	38	17	25	24	21	7	9	10	11	11
July	133	85	67	78	84	37	20	24	20	18	7	6	6	8	12
August	126	70	89	82	100	37	17	28	21	15	7	6	6	7	13
September	132	104	77	106	104	37	14	24	23	17	7	7	6	10	12
October	102	129	121	118	114	35	27	30	29	25	5	9	8	13	13
November	143	123	152	148	149	24	25	36	32	29	7	8	10	15	16
December	131	130	148	136	145	29	26	27	30	28	7	9	9	15	14
Annual Avg.	135	113	112	119	113	36	23	26	25	21	7	8	8	11	12

Comparative Values of PM₁₀, SO₂& NO₂ µg/m³

For the years 2019-2023

Station Name: - Modern Automotive Industry Ltd, Vill-Chatarpura, Near Focal Point, Mandi Gobindgarh

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	181	129	130	137	138	39	34	26	25	23	7	7	9	12	14
February	157	121	105	143	136	39	31	22	27	24	8	7	7	13	12
March	138	113	117	131	107	39	29	24	24	21	7	7	8	10	11
April	169	--	110	142	118	37	--	17	22	19	7	--	8	12	10
May	160	105	107	125	117	38	17	23	24	21	8	9	8	9	13
June	139	112	102	122	93	37	16	26	24	20	7	6	9	10	12
July	162	86	62	72	81	38	15	26	22	17	7	6	7	8	10
August	131	74	85	80	99	38	19	26	22	20	7	6	6	7	12
September	141	113	72	101	97	38	13	26	24	21	7	8	5	9	14
October	110	127	124	113	110	36	27	31	27	26	6	9	8	11	14
November	144	132	156	142	138	21	26	34	35	30	6	8	9	13	15
December	122	106	154	139	128	25	23	29	32	28	7	9	10	14	13
Annual Avg.	146	111	110	121	114	35	23	26	26	23	7	7	8	11	13

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2019-2023

Station Name: -**Dhiman Steel Rolling Mills, Guru ki Nagari, Mandi Gobindgarh**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	175	135	132	141	138	31	34	25	27	30	8	7	10	13	15
February	116	114	101	127	119	37	30	23	24	23	7	7	7	10	11
March	153	120	123	123	103	38	29	26	23	20	7	7	9	8	10
April	174	--	107	134	109	34	--	19	24	21	7	--	6	10	9
May	149	102	105	116	106	37	17	20	23	20	8	8	7	9	12
June	128	113	105	112	98	36	16	22	23	22	7	7	8	9	11
July	124	78	76	88	85	37	14	28	24	18	7	6	6	8	12
August	123	72	96	91	111	38	18	32	22	19	8	6	7	7	13
September	133	105	78	102	100	37	14	30	25	18	7	7	6	8	11
October	105	142	126	115	120	34	28	33	29	25	7	10	9	12	13
November	145	123	160	151	157	29	26	32	34	31	7	8	8	14	16
December	136	110	158	142	133	31	23	30	31	29	7	10	11	16	15
Annual Avg.	138	110	114	120	115	35	23	27	26	23	7	8	8	10	12

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2019-2023

Station Name: -**National Fertilizers Ltd, Guest House, Naya Nangal**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	81	111	111	66	62	10	14	27	11	14	5	6	9	4	4
February	82	112	105	64	54	11	13	26	10	10	6	6	8	4	4
March	82	92	61	60	51	12	12	14	8	9	5	6	5	BDL	BDL
April	91	--	70	64	55	9	--	14	10	9	5	--	5	BDL	BDL
May	102	108	65	60	52	13	16	13	12	8	6	9	4	6	4
June	102	91	60	56	50	12	15	12	10	10	5	6	5	5	4
July	67	69	47	50	42	11	15	12	12	8	5	7	4	6	4
August	53	56	54	53	50	11	16	13	12	10	5	5	4	4	4
September	88	73	48	50	54	12	17	10	13	9	5	7	4	4	4
October	109	120	51	58	66	12	28	11	18	14	6	10	4	6	6
November	135	132	126	80	82	18	27	15	23	15	6	10	4	7	8
December	114	110	85	71	65	15	28	13	22	10	6	11	4	7	6
Annual Avg.	92	98	74	61	57	12	18	15	13	11	5	8	5	5	5

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2019-2023

Station Name: -**Punjab Alkalies & Chemicals Ltd, Naya Nangal**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	86	121	98	81	72	10	13	20	14	16	5	6	7	5	4
February	91	119	101	78	67	11	13	24	13	11	6	6	7	6	5
March	83	109	70	72	54	12	12	16	12	10	5	6	6	5	4
April	69	--	73	78	65	11	--	14	12	9	5	--	6	6	BDL
May	81	107	79	72	61	12	18	14	13	12	7	9	5	6	5
June	86	79	76	69	55	11	18	15	12	10	5	6	6	6	4
July	62	71	50	52	48	10	17	15	13	11	5	7	5	6	5
August	56	60	58	56	55	10	16	11	12	12	5	6	5	4	5
September	87	72	54	58	60	13	16	12	15	10	5	6	5	4	4
October	98	120	56	65	73	12	27	13	20	13	6	10	5	6	6
November	132	123	137	82	85	14	27	14	22	15	6	10	5	6	8
December	124	108	98	78	70	16	25	15	20	9	6	9	5	6	5
Annual Avg.	88	99	79	70	64	12	18	15	15	12	6	7	6	6	5

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2019-2023

Station Name:-**Punjab Chemical & Crop Protection Ltd, Mubarikpur Road,Dera Bassi**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	99	118	101	119	115	10	13	25	15	26	5	7	7	6	8
February	102	104	90	101	108	13	12	25	14	18	7	6	7	7	7
March	102	92	108	98	87	11	11	14	13	14	7	6	6	6	6
April	98	--	96	106	93	11	--	14	15	14	6	--	6	8	7
May	93	107	92	111	98	14	16	15	17	13	6	8	9	8	6
June	100	107	95	98	101	11	17	16	16	12	5	7	8	7	6
July	73	89	69	76	71	11	16	16	16	11	6	6	7	9	6
August	52	64	68	79	89	12	18	15	15	13	5	6	7	8	7
September	99	82	64	88	90	12	17	15	18	12	5	6	8	9	6
October	110	127	71	98	108	12	27	16	25	18	6	9	8	11	9
November	146	117	148	141	149	22	25	17	28	24	7	9	7	11	12
December	119	105	125	120	115	18	25	16	26	18	6	10	7	10	10
Annual Avg.	99	101	94	103	102	13	18	17	18	16	6	7	7	8	8

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2019-2023

Station Name:-**M/s Winsome Yarns Ltd., Barwala Road, Dera Bassi.**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	83	112	129	128	118	11	12	24	19	28	5	6	7	6	9
February	96	103	98	112	106	13	13	24	17	16	6	6	8	6	7
March	95	112	123	109	84	13	14	19	15	13	5	7	8	7	5
April	80	--	110	114	91	12	--	17	17	14	6	--	7	8	6
May	98	110	106	118	104	12	16	16	20	16	5	8	8	8	7
June	92	90	105	108	96	12	16	17	18	14	5	6	9	9	6
July	66	91	73	80	75	10	17	17	15	11	5	6	6	8	5
August	77	63	72	83	103	12	19	16	14	13	5	6	6	7	6
September	92	91	71	91	105	12	17	16	16	12	5	6	6	7	5
October	94	125	73	102	121	12	26	18	26	16	5	9	7	10	7
November	135	116	151	142	154	14	25	20	27	24	6	9	7	12	17
December	127	106	140	124	121	15	23	24	28	20	6	10	6	13	11
Annual Avg.	95	102	104	109	107	12	18	19	19	16	5	7	7	8	8

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2019-2023

Station Name:-**Kainos Industries, D-244, Focal Point, Patiala**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	94	108	118	110	99	10	13	31	18	21	5	6	7	5	5
February	90	98	99	108	97	11	13	21	15	15	5	6	6	5	5
March	90	88	111	107	76	11	13	22	15	11	5	7	9	5	4
April	84	--	98	131	88	11	--	15	17	13	5	--	8	6	5
May	96	108	102	129	92	12	14	16	16	15	5	9	7	5	6
June	99	109	98	110	87	11	16	15	15	15	5	7	7	4	6
July	100	73	81	69	58	11	19	19	13	10	6	6	4	4	4
August	105	70	73	72	81	11	16	16	14	12	6	6	4	5	5
September	96	95	62	70	72	12	17	19	16	13	7	7	4	4	4
October	105	124	104	96	112	11	24	18	27	21	5	8	5	8	6
November	150	131	152	130	146	19	26	28	30	27	6	9	7	9	12
December	116	108	147	118	113	14	21	27	26	18	6	9	6	8	9
Annual Avg.	102	101	104	104	93	12	17	21	19	16	6	7	6	6	6

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2019-2023

Station Name:- **Fire Brigade Office, Sai Market, Bahera Road, Patiala**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	95	103	126	106	97	12	12	27	17	20	5	6	7	6	6
February	90	97	103	102	94	11	13	23	16	15	5	6	7	5	4
March	92	92	100	100	71	11	16	23	16	10	5	7	8	4	4
April	108	--	104	126	80	11	--	15	18	12	5	--	8	6	5
May	96	106	108	122	83	12	14	17	17	15	5	9	7	4	6
June	96	110	100	106	80	11	16	14	16	15	5	6	6	5	6
July	98	85	72	65	55	11	20	18	16	11	6	7	4	6	4
August	100	71	78	70	77	10	17	18	16	12	6	7	5	5	5
September	89	85	52	64	71	11	17	17	18	13	5	6	4	4	4
October	98	119	118	92	102	11	24	19	25	20	5	8	6	7	6
November	170	121	148	126	142	20	26	26	29	21	7	10	6	8	12
December	108	106	141	116	109	15	24	25	24	15	7	10	5	7	8
Annual Avg.	103	100	104	100	88	12	18	20	19	15	6	7	6	6	6

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2019-2023

Rural Area Station Name:-**Baba Banda Singh Bahadur College, Vill. Fatehpur, Distt.-Patiala**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	88	88	100	104	80	12	12	22	16	18	5	6	7	5	4
February	85	92	96	92	73	11	12	24	15	15	5	6	7	4	4
March	93	87	76	90	64	11	10	18	14	13	5	4	7	BDL	BDL
April	95	--	90	108	83	11	--	14	14	12	5	--	8	5	5
May	91	104	87	105	80	11	15	13	13	11	5	8	6	4	4
June	97	91	89	100	77	11	16	14	14	11	5	7	6	5	4
July	87	89	70	68	61	10	15	14	12	10	5	7	4	BDL	BDL
August	91	74	71	67	70	11	17	15	12	11	5	6	4	BDL	4
September	102	94	54	60	63	11	17	13	13	10	5	7	5	BDL	BDL
October	104	113	95	93	87	11	24	15	20	11	5	7	6	4	6
November	105	123	144	121	136	13	24	24	22	22	5	9	7	6	7
December	102	106	139	102	103	12	22	23	18	16	6	9	5	5	6
Annual Avg.	95	96	93	93	81	11	17	17	15	13	5	7	6	5	5

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2019-2023

Rural Area Station Name:-**Global Private ITI/GPC, Vill-Rakhra, Distt.-Patiala**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	85	100	95	102	78	12	12	23	15	18	5	6	8	4	4
February	91	106	100	86	72	11	9	23	12	16	5	10	7	BDL	4
March	96	54	88	84	62	11	11	17	11	11	5	4	7	BDL	BDL
April	-	--	84	103	85	-	--	14	13	12	-	--	7	6	6
May	-	110	91	101	78	-	16	15	14	11	-	8	6	5	5
June	-	95	90	97	80	-	14	13	15	11	-	6	5	4	5
July	-	97	63	65	64	-	16	15	12	10	-	7	4	BDL	BDL
August	103	75	70	67	73	12	18	14	13	10	5	6	5	BDL	BDL
September	102	96	50	62	65	11	18	12	14	9	5	7	4	BDL	4
October	100	122	92	96	94	11	25	16	21	13	5	7	7	4	7
November	107	128	140	118	140	12	24	25	26	20	6	10	6	6	8
December	106	109	136	100	102	13	22	24	20	17	6	9	6	4	6
Annual Avg.	99	99	92	90	83	12	17	18	16	13	5	7	6	4	5

Comparative Values of PM₁₀, SO₂ & NO₂ µg/m³

For the years 2021-2023

Station Name:-**Thapar University Patiala**

Month	PM ₁₀ (µg/m ³)			NO ₂ (µg/m ³)			SO ₂ (µg/m ³)		
	2021	2022	2023	2021	2022	2023	2021	2022	2023
January	88	90	89	18	12	16	6	4	5
February	84	87	83	24	12	14	7	BDL	5
March	73	80	58	17	10	10	6	BDL	4
April	77	99	66	14	13	11	7	6	5
May	81	90	70	13	15	12	5	4	4
June	75	85	65	10	14	11	4	4	4
July	64	42	40	11	13	9	3	5	BDL
August	62	55	60	10	16	10	4	5	BDL
September	46	50	56	11	15	9	4	4	4
October	68	73	89	12	22	18	4	6	7
November	132	126	136	15	28	23	5	7	12
December	130	107	104	14	22	20	4	6	8
Annual Avg.	82	82	76	14	16	14	5	5	6

(Station started in the month January 2021)

Comparative Values of PM₁₀, SO₂ & NO₂µg/m³

For the years 2019-2023

Station Name:-**Milk Plant, Near ITI Chowk, Dabwali Road, Bathinda**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	90	94	99	111	102	12	14	10	12	18	5	6	5	5	5
February	97	115	95	102	97	12	14	10	11	16	5	6	5	5	5
March	107	128	92	96	72	13	13	10	16	14	5	5	5	4	4
April	124	--	86	98	87	15	--	10	18	16	5	--	5	7	5
May	110	107	94	94	100	12	14	13	17	15	4	8	6	7	5
June	101	115	96	93	90	13	14	14	15	14	5	7	5	7	6
July	89	88	68	71	77	13	16	16	14	12	5	6	5	6	6
August	102	82	72	73	96	12	15	18	15	13	5	6	5	6	7
September	101	101	69	75	79	13	17	18	16	12	7	7	5	6	5
October	119	146	96	102	115	13	10	18	24	21	5	6	6	8	9
November	133	146	147	132	136	13	20	20	26	29	6	8	8	8	10
December	107	105	124	113	127	14	9	17	19	21	7	5	6	6	9
Annual Avg.	107	112	95	97	98	13	14	15	17	17	5	6	6	6	6

Comparative Values of PM₁₀,SO₂ & NO₂µg/m³

For the year 2019-2023

Rural Area Station Name:- **Vill. Poohli ,Distt.-Bathinda**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	85	88	-	-	82	9	12	-	-	18	4	5	-	-	4
February	89	89	-	-	70	10	12	-	-	15	4	6	-	-	4
March	83	--	-	-	58	10	--	-	-	10	4	--	-	-	BDL
April	125	--	-	-	78	12	--	-	--	11	BDL	--	-	-	5
May	133	-	-	-	88	BDL	-	-	-	11	BDL	-	-	-	5
June	108	-	-	-	75	11	--	-	-	12	5	--	-	-	4
July	-	-	-	-	76	-	-	-	-	12	-	-	-	-	4
August	-	-	-	-	80	-	-	-	-	11	-	-	-	-	BDL
September	-	-	-	-	76	-	-	-	-	10	-	-	-	-	5
October	164	-	-	93	93	22	-	-	21	18	6	-	-	5	7
November	188	-	-	128	139	20	-	-	26	22	6	-	-	6	8
December	87	-	-	102	130	14	-	-	18	20	6	-	-	5	7
Annual Avg.	114	89	-	108	87	13	12	-	22	14	4	6	-	5	5

Comparative Values of PM₁₀,
SO₂&NO₂ µg/m³Fortheyear
2019-2023

Rural Area Station Name:- **Vill.Marar Kalan, Distt. Sri Muktsar Sahib**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	96	91	-	-	82	11	11	-	-	21	4	6	-	-	4
February	82	87	-	-	68	11	11	-	-	18	4	5	-	-	4
March	92	99	-	-	60	10	11	-	-	10	5	4	-	-	4
April	-	--	-	-	75	-	--	-	-	12	-	--	-	-	5
May	109	-	-	89	81	12	-	-	14	11	4	-	-	5	4
June	89	--	-	84	80	11	--	-	13	10	4	--	-	4	4
July	121	-	-	65	73	13	-	-	10	11	6	-	-	BDL	BDL
August	125	-	-	55	77	11	-	-	11	11	4	-	-	BDL	4
September	111	-	-	58	71	14	-	-	11	10	6	-	-	BDL	BDL
October	178	-	-	102	97	13	-	-	20	17	5	-	-	4	7
November	198	-	-	124	120	26	-	-	26	23	7	-	-	6	8
December	110	-	-	111	116	15	-	-	17	18	6	-	-	4	7
Annual Avg.	119	92	-	86	83	13	11	-	15	14	5	5	-	4	5

Comparative Values of PM₁₀,
SO₂&NO₂ µg/m³

For the years 2019-2023

Rural Area Station Name: **-Vill.Kila Bharian, Gurdwara Gangsar Sahib, Sangrur**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	105	78	109	100	86	13	11	20	10	16	6	6	6	5	4
February	95	121	105	96	71	11	12	25	14	14	4	6	7	4	4
March	91	--	92	89	63	11	--	14	12	10	5	--	6	BDL	BDL
April	119	--	85	93	87	13	--	14	12	11	5	--	6	4	4
May	109	107	97	91	84	13	14	15	13	11	5	7	5	BDL	4
June	92	101	92	88	80	11	14	14	15	12	4	8	5	4	4
July	110	81	66	68	65	12	15	14	10	10	4	6	4	BDL	BDL
August	79	66	60	58	69	11	14	12	12	11	4	5	4	BDL	4
September	95	71	54	60	64	12	16	14	13	10	6	6	BDL	BDL	4
October	111	157	84	90	95	13	18	15	21	17	6	8	BDL	5	7
November	160	158	151	128	146	21	22	23	25	24	6	10	6	6	9
December	106	111	122	109	112	12	16	13	16	18	6	6	5	5	6
Annual Avg.	106	105	93	89	85	13	15	16	14	14	5	7	5	4	5

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2019-2023

Rural Area Station Name:-**Vill.Aspal Khurad,Tehsil-Tapa,Distt.-Barnala**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	94	125	124	115	84	11	9	21	14	16	6	5	8	6	4
February	87	138	112	104	73	12	13	26	12	14	5	6	8	5	4
March	98	--	108	97	68	12	--	18	11	11	5	--	7	5	4
April	123	--	116	104	82	15	--	22	16	12	6	--	7	6	5
May	122	108	108	95	88	14	16	20	17	12	6	8	7	7	6
June	109	115	100	101	90	12	14	14	16	12	5	7	6	6	5
July	112	96	71	70	73	12	15	14	14	12	5	6	5	6	5
August	113	78	74	60	76	12	15	16	15	13	5	5	6	4	5
September	97	87	68	62	67	10	17	18	15	11	6	7	6	4	4
October	136	143	90	96	87	14	16	18	23	13	7	7	5	5	6
November	132	153	142	122	139	17	21	22	25	20	6	10	8	7	8
December	94	119	117	119	112	13	15	14	18	16	6	8	7	7	7
Annual Avg.	110	116	103	95	87	13	15	19	16	14	6	7	7	6	5

Comparative Values of PM₁₀,

SO₂&NO₂ µg/m³

For the year 2019-2023

Rural Area Station Name:-**Gurdwara Mastuana Sahib, Vill.Changal, Distt.Sangrur**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	96	126	114	107	80	12	9	20	13	15	5	5	7	4	4
February	82	108	106	101	71	11	12	23	12	14	5	6	6	4	4
March	90	--	97	91	69	11	--	16	12	10	5	--	6	BDL	BDL
April	149	--	103	97	79	14	--	15	16	12	6	--	6	6	4
May	120	-	106	93	89	17	-	17	15	12	6	-	6	5	5
June	92	115	99	91	78	11	14	12	14	11	4	7	7	4	4
July	107	91	67	70	68	12	15	14	15	10	5	6	5	5	BDL
August	92	65	73	59	74	11	15	13	14	11	5	5	4	4	4
September	68	82	66	65	68	10	17	17	15	10	6	6	5	4	BDL
October	97	140	-	99	94	12	16	-	24	17	6	7	-	5	6
November	180	160	138	128	135	21	21	22	26	22	6	9	6	7	8
December	120	117	109	104	108	14	17	15	15	17	6	7	5	5	7
Annual Avg.	108	112	98	92	84	13	15	17	16	13	5	6	6	5	5

Comparative Values of PM₁₀,SO₂&NO₂µg/m³

For the year 2019-2023

Rural Area Station Name:-**Naudhrani,Tehsil-Malerkotla,Distt.-Malerkotla**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	84	121	111	109	78	10	10	21	12	18	5	5	7	5	4
February	89	107	109	97	68	11	12	24	11	16	4	6	7	5	4
March	95	--	95	112	58	11	--	16	16	13	4	--	6	6	4
April	125	--	103	106	77	14	--	17	19	14	6	--	7	7	5
May	105	-	101	100	79	15	-	16	16	13	5	-	6	6	5
June	88	119	98	98	81	11	15	13	15	12	4	7	6	5	4
July	127	84	65	68	59	12	16	15	10	10	4	6	4	BDL	4
August	122	72	69	55	66	12	15	14	14	13	5	5	5	4	4
September	108	74	59	60	63	13	17	16	14	11	7	7	BDL	4	BDL
October	114	154	88	91	91	15	18	16	23	14	8	8	BDL	6	6
November	175	157	133	121	138	23	20	21	24	24	6	9	7	7	9
December	92	114	107	105	108	12	18	14	20	17	6	7	6	6	7
Annual Avg.	110	111	95	94	81	13	16	17	16	15	5	7	6	6	5

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2019-2023

Rural Area Station Name- **Building of Shri Gurudwara Sahib, Vill.Kharaori,Distt.-Fatehgarh Sahib**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	91	108	108	130	82	13	12	22	24	22	5	6	8	11	6
February	95	110	95	108	69	11	13	25	22	14	6	6	7	7	4
March	98	87	81	100	63	11	12	18	20	11	6	6	7	6	4
April	93	--	84	101	81	11	--	16	16	13	5	--	7	7	5
May	92	112	88	102	93	11	15	15	19	12	5	8	6	7	5
June	94	86	85	101	90	11	15	14	15	13	5	6	5	5	6
July	95	92	64	67	78	11	17	15	10	11	6	7	4	BDL	5
August	95	71	77	57	82	11	17	19	12	13	6	6	5	BDL	5
September	94	85	68	59	75	11	17	19	13	12	5	7	5	4	6
October	101	121	88	90	90	12	24	17	22	16	5	8	6	5	6
November	149	123	149	130	127	23	25	30	28	23	7	10	7	7	7
December	118	104	142	116	119	25	23	28	20	21	7	11	8	7	6
Annual Avg.	101	100	94	97	87	13	17	20	18	15	6	7	6	7	5

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2019-2023

Rural Area Station Name:-**Vill:Guru Ki Dhab, Faridkot**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	-	83	91	98	81	-	12	9	9	14	-	6	4	BDL	4
February	-	108	90	-	66	-	12	9	-	11	-	5	4	-	BDL
March	-	97	83	95	54	-	BDL	8	11	10	-	5	4	BDL	BDL
April	-	-	87	98	68	-	-	9	14	12	-	-	4	5	4
May	-	-	90	91	73	-	-	10	15	10	-	-	5	4	4
June	-	-	88	99	70	-	-	11	13	11	-	-	4	BDL	5
July	-	-	65	69	69	-	-	11	10	11	-	-	4	BDL	4
August	-	76	65	52	74	-	17	15	12	12	-	6	5	BDL	BDL
September	-	101	56	58	68	-	13	16	13	10	-	6	BDL	BDL	5
October	114	164	76	88	89	12	13	16	21	16	5	6	BDL	5	6
November	187	149	140	121	117	23	21	16	24	22	7	8	6	6	8
December	108	97	116	100	114	13	9	11	14	19	6	4	4	5	7
Annual Avg.	136	109	87	88	79	16	14	12	14	13	6	6	4	4	5

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2019-2023

Rural Area Station Name:-**Vill.Peer Mohammad, Distt-Fazilka**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	91	-	98	-	79	13	-	9	-	16	5	-	4	-	4
February	83	114	86	99	70	11	11	8	12	13	5	5	4	BDL	4
March	94	121	89	105	62	11	11	9	16	10	4	5	5	BDL	BDL
April	112	-	85	90	87	12	-	9	19	11	5	-	4	7	5
May	121	-	80	89	78	BDL	-	10	20	10	BDL	-	5	5	4
June	108	-	78	95	75	11	-	11	15	12	4	-	5	BDL	4
July	-	--	71	65	68	-	--	12	10	10	-	--	5	BDL	BDL
August	-	-	67	53	60	-	-	11	12	11	-	-	4	BDL	BDL
September	-	125	62	58	57	-	10	15	13	10	-	5	BDL	BDL	BDL
October	-	156	116	94	93	-	13	16	14	17	-	6	BDL	5	6
November	-	144	134	118	129	-	19	20	23	24	-	7	5	6	8
December	-	99	-	94	119	-	9	-	14	21	-	5	-	5	6
Annual Avg.	102	127	88	87	81	10	12	12	15	14	4	6	5	5	5

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2019-2023

Rural Area Station Name:-**Pargat Sahib(Vill.Lakho Ke Behram, Distt.–Ferozepur)**

Month	PM ₁₀ (µg/m ³)					NO ₂ (µg/m ³)					SO ₂ (µg/m ³)				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
January	-	85	-	106	86	-	11	-	11	16	-	5	-	5	4
February	-	85	-	94	69	-	11	-	11	13	-	5	-	BDL	4
March	-	145	-	-	65	-	12	-	-	11	-	5	-	-	4
April	-	-	-	103	85	-	-	-	17	13	-	-	-	5	4
May	-	-	-	99	79	-	-	-	17	11	-	-	-	5	5
June	-	-	80	102	73	-	-	12	14	10	-	-	4	BDL	4
July	-	--	75	72	66	-	--	13	10	10	-	--	4	BDL	BDL
August	-	-	74	56	59	-	-	12	12	11	-	-	5	4	4
September	75	94	52	58	54	7	10	14	13	12	5	5	BDL	4	BDL
October	133	157	89	91	89	11	13	16	20	16	5	6	BDL	5	7
November	-	215	139	129	122	-	19	24	26	24	-	8	5	7	8
December	102	100	115	97	115	11	9	13	15	20	5	4	5	6	7
Annual Avg.	103	126	89	92	80	10	12	15	15	14	5	5	5	5	5

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2022-2023

Rural Area Station Name:-**M.C Barnala**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	98	-	22	-	5
February	-	84	-	20	-	4
March	-	69	-	13	-	4
April	108	78	16	14	5	5
May	96	80	17	13	6	5
June	-	76	-	13	-	5
July	-	61	-	12	-	5
August	68	65	15	13	5	4
September	78	73	16	11	5	4
October	110	104	24	17	6	8
November	136	147	28	20	8	9
December	124	105	23	17	7	6
AnnualAvg.	103	87	20	15	6	5

(Station started in the month April 2022)

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2022-2023

Rural Area Station Name:-**M.C Malerkotla**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	96	-	24	-	5
February	-	86	-	20	-	4
March	-	74	-	13	-	5
April	105	89	15	13	7	4
May	92	83	16	12	5	5
June	87	88	15	12	BDL	5
July	71	67	14	12	5	4
August	72	77	15	14	4	5
September	78	74	16	12	4	4
October	108	101	22	16	5	7
November	131	144	26	22	7	13
December	118	114	22	20	6	7
AnnualAvg.	96	91	18	16	5	6

(Station started in the month April 2022)

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2022-2023

Rural Area Station Name:-**M.C Sangrur**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	93	-	18	-	4
February	-	89	-	15	-	4
March	-	70	-	12	-	4
April	98	91	14	13	6	4
May	94	93	15	12	4	5
June	89	90	14	13	5	5
July	65	85	13	13	4	5
August	69	92	14	14	5	7
September	-	80	-	12	-	6
October	-	105	-	20	-	7
November	-	144	-	23	-	9
December	113	118	17	16	4	8
Annual Avg.	88	96	15	15	5	6

(Station started in the month April 2022)

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2022-2023

Rural Area Station Name:-**M.C Sirhind, Fatehgarh Sahib**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	106	-	24	-	5
February	-	92	-	21	-	5
March	-	81	-	14	-	5
April	102	94	17	15	7	5
May	99	90	17	15	5	6
June	96	85	16	12	7	5
July	73	72	16	14	6	4
August	75	98	17	16	6	7
September	82	79	18	13	4	6
October	98	97	24	18	6	7
November	131	121	27	27	8	7
December	125	122	23	24	7	7
Annual Avg.	98	95	19	18	6	6

(Station started in the month April 2022)

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³
 For the year 2022-2023
 Rural Area Station Name:-**Dr.B.R.AMohali**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	98	-	22	-	6
February	-	95	-	18	-	5
March	-	78	-	13	-	6
April	88	83	15	14	5	5
May	87	90	17	13	6	5
June	84	87	16	13	6	5
July	62	80	10	12	BDL	5
August	68	100	14	14	4	6
September	76	92	15	13	4	5
October	102	118	24	15	6	6
November	128	146	27	20	7	10
December	121	125	20	18	7	6
AnnualAvg.	91	99	18	15	5	6

(Station started in the month April 2022)

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³
 For the year 2022-2023
 Rural Area Station Name:-**MCFazilka**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	91	-	22	-	5
February	-	88	-	16	-	4
March	-	77	-	11	-	4
April	-	91	-	12	-	5
May	101	87	15	12	4	4
June	97	81	16	10	4	4
July	70	76	10	13	BDL	6
August	72	85	12	14	6	7
September	76	77	14	12	5	6
October	99	89	23	17	6	7
November	130	137	26	28	7	8
December	101	118	16	22	7	6
AnnualAvg.	93	91	17	16	5	6

(Station started in the month May 2022)

Comparative Values of PM₁₀,SO₂ & NO₂ µg/m³

For the year:- 2022-2023

Station Name:-**RO Roopnagar**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	86	-	24	-	6
February	-	80	-	18	-	5
March	-	60	-	11	-	4
April	-	71	-	11	-	4
May	92	76	14	12	6	4
June	87	72	12	10	4	4
July	69	58	11	10	4	BDL
August	70	61	10	11	5	4
September	75	70	12	10	5	5
October	98	101	18	13	5	6
November	118	127	26	17	7	8
December	93	98	13	15	5	5
Annual Avg.	88	80	15	14	5	5

(Station started in the month May 2022)

Comparative Values of PM₁₀,

SO₂&NO₂µg/m³

For the year:- 2022-2023

StationName:-**Guru Gobind Singh Medical College, Faridkot**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	96	-	24	-	6
February	-	90	-	18	-	5
March	-	64	-	12	-	4
April	-	80	-	13	-	5
May	-	86	-	13	-	5
June	-	81	-	11	-	4
July	69	73	11	12	BDL	5
August	71	79	12	13	4	5
September	76	70	14	12	4	6
October	96	95	21	16	5	6
November	124	126	27	21	7	7
December	105	110	18	17	5	6
Annual Avg.	90	88	17	15	5	5

(Station started in the month July 2022)

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³
 For the year 2022-2023
 Rural Area Station Name:-**MC Ferozepur**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	85	-	18	-	5
February	-	80	-	16	-	4
March	-	74	-	14	-	4
April	-	84	-	15	-	5
May	-	81	-	14	-	5
June	-	78	-	12	-	4
July	73	68	12	11	4	4
August	74	71	13	12	5	BDL
September	78	72	15	10	4	5
October	96	88	20	18	5	6
November	133	128	28	28	7	7
December	108	115	21	18	6	6
Annual Avg.	94	85	18	16	5	5

(Station started in the month July 2022)

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³
 For the year 2022-2023
 Rural Area Station Name: - **DC Office Shri Muktsar Sahib**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	-	-	-	-	-
February	-	-	-	-	-	-
March	-	-	-	-	-	-
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	77	-	14	-	6	-
November	89	-	16	-	8	-
December	-	-	-	-	-	-
Annual Avg.	83	-	15	-	7	-

(Station started in the month October 2022)

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2022-2023

Rural Area Station Name:-**Zila Parishad Office, Mansa**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	82	-	18	-	4
February	-	78	-	16	-	4
March	-	70	-	15	-	4
April	-	92	-	13	-	5
May	-	89	-	14	-	6
June	-	83	-	12	-	5
July	-	83	-	12	-	5
August	-	91	-	13	-	6
September	-	83	-	12	-	5
October	-	92	-	15	-	6
November	87	97	15	18	5	7
December	94	93	13	14	5	6
Annual Avg.	91	86	14	14	5	5

(Station started in the month November 2022)

Comparative Values of PM₁₀,SO₂&NO₂ µg/m³

For the year 2022-2023

Rural Area Station Name:-**Building of Medicity Hospital, Moga**

Month	PM ₁₀ (µg/m ³)		NO ₂ (µg/m ³)		SO ₂ (µg/m ³)	
	2022	2023	2022	2023	2022	2023
January	-	88	-	18	-	5
February	-	82	-	17	-	4
March	-	76	-	14	-	4
April	-	87	-	15	-	5
May	-	92	-	13	-	5
June	-	77	-	12	-	4
July	-	68	-	10	-	BDL
August	-	79	-	12	-	5
September	-	71	-	11	-	6
October	-	95	-	16	-	6
November	-	126	-	29	-	8
December	97	101	14	18	5	7
Annual Avg.	97	87	14	15	5	5

(Station started in the month December 2022)