

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		43	27	24	21		7	7	9	9	
April	132	--	112	136		36	--	18	24		7	--	7	10	
May	153	118	110	120		39	16	22	25		8	8	9	9	
June	136	119	101	118		38	17	25	24		7	9	10	11	
July	133	85	67	78		37	20	24	20		7	6	6	8	
August	126	70	89	82		37	17	28	21		7	6	6	7	
September	132	104	77	106		37	14	24	23		7	7	6	10	
October	102	129	121	118		35	27	30	29		5	9	8	13	
November	143	123	152	148		24	25	36	32		7	8	10	15	
December	131	130	148	136		29	26	27	30		7	9	9	15	
<b>Annual Avg.</b>	<b>135</b>	<b>113</b>	<b>112</b>	<b>119</b>		<b>36</b>	<b>23</b>	<b>26</b>	<b>25</b>		<b>7</b>	<b>8</b>	<b>8</b>	<b>11</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		39	29	24	24		7	7	8	10	
April	169	--	110	142		37	--	17	22		7	--	8	12	
May	160	105	107	125		38	17	23	24		8	9	8	9	
June	139	112	102	122		37	16	26	24		7	6	9	10	
July	162	86	62	72		38	15	26	22		7	6	7	8	
August	131	74	85	80		38	19	26	22		7	6	6	7	
September	141	113	72	101		38	13	26	24		7	8	5	9	
October	110	127	124	113		36	27	31	27		6	9	8	11	
November	144	132	156	142		21	26	34	35		6	8	9	13	
December	122	106	154	139		25	23	29	32		7	9	10	14	
<b>Annual Avg.</b>	<b>146</b>	<b>111</b>	<b>110</b>	<b>121</b>		<b>35</b>	<b>23</b>	<b>26</b>	<b>26</b>		<b>7</b>	<b>7</b>	<b>8</b>	<b>11</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		38	29	26	23		7	7	9	8	
April	174	--	107	134		34	--	19	24		7	--	6	10	
May	149	102	105	116		37	17	20	23		8	8	7	9	
June	128	113	105	112		36	16	22	23		7	7	8	9	
July	124	78	76	88		37	14	28	24		7	6	6	8	
August	123	72	96	91		38	18	32	22		8	6	7	7	
September	133	105	78	102		37	14	30	25		7	7	6	8	
October	105	142	126	115		34	28	33	29		7	10	9	12	
November	145	123	160	151		29	26	32	34		7	8	8	14	
December	136	110	158	142		31	23	30	31		7	10	11	16	
<b>Annual Avg.</b>	<b>138</b>	<b>110</b>	<b>114</b>	<b>120</b>		<b>35</b>	<b>23</b>	<b>27</b>	<b>26</b>		<b>7</b>	<b>8</b>	<b>8</b>	<b>10</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

Station Name: **-NFL Guest House, Naya Nangal**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		12	12	14	8		5	6	5	BDL	
April	91	--	70	64		9	--	14	10		5	--	5	BDL	
May	102	108	65	60		13	16	13	12		6	9	4	6	
June	102	91	60	56		12	15	12	10		5	6	5	5	
July	67	69	47	50		11	15	12	12		5	7	4	6	
August	53	56	54	53		11	16	13	12		5	5	4	4	
September	88	73	48	50		12	17	10	13		5	7	4	4	
October	109	120	51	58		12	28	11	18		6	10	4	6	
November	135	132	126	80		18	27	15	23		6	10	4	7	
December	114	110	85	71		15	28	13	22		6	11	4	7	
<b>Annual Avg.</b>	<b>92</b>	<b>98</b>	<b>74</b>	<b>61</b>		<b>12</b>	<b>18</b>	<b>15</b>	<b>13</b>		<b>5</b>	<b>8</b>	<b>5</b>	<b>5</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

Station Name: **-PACL,Naya Nangal**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		12	12	16	12		5	6	6	5	
April	69	--	73	78		11	--	14	12		5	--	6	6	
May	81	107	79	72		12	18	14	13		7	9	5	6	
June	86	79	76	69		11	18	15	12		5	6	6	6	
July	62	71	50	52		10	17	15	13		5	7	5	6	
August	56	60	58	56		10	16	11	12		5	6	5	4	
September	87	72	54	58		13	16	12	15		5	6	5	4	
October	98	120	56	65		12	27	13	20		6	10	5	6	
November	132	123	137	82		14	27	14	22		6	10	5	6	
December	124	108	98	78		16	25	15	20		6	9	5	6	
<b>Annual Avg.</b>	<b>88</b>	<b>99</b>	<b>79</b>	<b>70</b>		<b>12</b>	<b>18</b>	<b>15</b>	<b>15</b>		<b>6</b>	<b>7</b>	<b>6</b>	<b>6</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

Station Name: - **PCPL, Mubarikpur Road, Dera Bassi**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	11	14	13		7	6	6	6	
April	98	--	96	106		11	--	14	15		6	--	6	8	
May	93	107	92	111		14	16	15	17		6	8	9	8	
June	100	107	95	98		11	17	16	16		5	7	8	7	
July	73	89	69	76		11	16	16	16		6	6	7	9	
August	52	64	68	79		12	18	15	15		5	6	7	8	
September	99	82	64	88		12	17	15	18		5	6	8	9	
October	110	127	71	98		12	27	16	25		6	9	8	11	
November	146	117	148	141		22	25	17	28		7	9	7	11	
December	119	105	125	120		18	25	16	26		6	10	7	10	
<b>Annual Avg.</b>	<b>99</b>	<b>101</b>	<b>94</b>	<b>103</b>		<b>13</b>	<b>18</b>	<b>17</b>	<b>18</b>		<b>6</b>	<b>7</b>	<b>7</b>	<b>8</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		13	14	19	15		5	7	8	7	
April	80	--	110	114		12	--	17	17		6	--	7	8	
May	98	110	106	118		12	16	16	20		5	8	8	8	
June	92	90	105	108		12	16	17	18		5	6	9	9	
July	66	91	73	80		10	17	17	15		5	6	6	8	
August	77	63	72	83		12	19	16	14		5	6	6	7	
September	92	91	71	91		12	17	16	16		5	6	6	7	
October	94	125	73	102		12	26	18	26		5	9	7	10	
November	135	116	151	142		14	25	20	27		6	9	7	12	
December	127	106	140	124		15	23	24	28		6	10	6	13	
<b>Annual Avg.</b>	<b>95</b>	<b>102</b>	<b>104</b>	<b>109</b>		<b>12</b>	<b>18</b>	<b>19</b>	<b>19</b>		<b>5</b>	<b>7</b>	<b>7</b>	<b>8</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	13	22	15		5	7	9	5	
April	84	--	98	131		11	--	15	17		5	--	8	6	
May	96	108	102	129		12	14	16	16		5	9	7	5	
June	99	109	98	110		11	16	15	15		5	7	7	4	
July	100	73	81	69		11	19	19	13		6	6	4	4	
August	105	70	73	72		11	16	16	14		6	6	4	5	
September	96	95	62	70		12	17	19	16		7	7	4	4	
October	105	124	104	96		11	24	18	27		5	8	5	8	
November	150	131	152	130		19	26	28	30		6	9	7	9	
December	116	108	147	118		14	21	27	26		6	9	6	8	
<b>Annual Avg.</b>	<b>102</b>	<b>101</b>	<b>104</b>	<b>104</b>		<b>12</b>	<b>17</b>	<b>21</b>	<b>19</b>		<b>6</b>	<b>7</b>	<b>6</b>	<b>6</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	16	23	16		5	7	8	4	
April	108	--	104	126		11	--	15	18		5	--	8	6	
May	96	106	108	122		12	14	17	17		5	9	7	4	
June	96	110	100	106		11	16	14	16		5	6	6	5	
July	98	85	72	65		11	20	18	16		6	7	4	6	
August	100	71	78	70		10	17	18	16		6	7	5	5	
September	89	85	52	64		11	17	17	18		5	6	4	4	
October	98	119	118	92		11	24	19	25		5	8	6	7	
November	170	121	148	126		20	26	26	29		7	10	6	8	
December	108	106	141	116		15	24	25	24		7	10	5	7	
<b>Annual Avg.</b>	<b>103</b>	<b>100</b>	<b>104</b>	<b>100</b>		<b>12</b>	<b>18</b>	<b>20</b>	<b>19</b>		<b>6</b>	<b>7</b>	<b>6</b>	<b>6</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	10	18	14		5	4	7	BDL	
April	95	--	90	108		11	--	14	14		5	--	8	5	
May	91	104	87	105		11	15	13	13		5	8	6	4	
June	97	91	89	100		11	16	14	14		5	7	6	5	
July	87	89	70	68		10	15	14	12		5	7	4	BDL	
August	91	74	71	67		11	17	15	12		5	6	4	BDL	
September	102	94	54	60		11	17	13	13		5	7	5	BDL	
October	104	113	95	93		11	24	15	20		5	7	6	4	
November	105	123	144	121		13	24	24	22		5	9	7	6	
December	102	106	139	102		12	22	23	18		6	9	5	5	
<b>Annual Avg.</b>	<b>95</b>	<b>96</b>	<b>93</b>	<b>93</b>		<b>11</b>	<b>17</b>	<b>17</b>	<b>15</b>		<b>5</b>	<b>7</b>	<b>6</b>	<b>5</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	11	17	11		5	4	7	BDL	
April	-	--	84	103		-	--	14	13		-	--	7	6	
May	-	110	91	101		-	16	15	14		-	8	6	5	
June	-	95	90	97		-	14	13	15		-	6	5	4	
July	-	97	63	65		-	16	15	12		-	7	4	BDL	
August	103	75	70	67		12	18	14	13		5	6	5	BDL	
September	102	96	50	62		11	18	12	14		5	7	4	BDL	
October	100	122	92	96		11	25	16	21		5	7	7	4	
November	107	128	140	118		12	24	25	26		6	10	6	6	
December	106	109	136	100		13	22	24	20		6	9	6	4	
<b>Annual Avg.</b>	<b>99</b>	<b>99</b>	<b>92</b>	<b>90</b>		<b>12</b>	<b>17</b>	<b>18</b>	<b>16</b>		<b>5</b>	<b>7</b>	<b>6</b>	<b>4</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2021-2023

Station Name:-**Thapar University Patiala**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )			NO <sub>2</sub> (µg/m <sup>3</sup> )			SO <sub>2</sub> (µg/m <sup>3</sup> )		
	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		17	10		6	BDL	
April	77	99		14	13		7	6	
May	81	90		13	15		5	4	
June	75	85		10	14		4	4	
July	64	42		11	13		3	5	
August	62	55		10	16		4	5	
September	46	50		11	15		4	4	
October	68	73		12	22		4	6	
November	132	126		15	28		5	7	
December	130	107		14	22		4	6	
<b>Annual Avg.</b>	<b>82</b>	<b>82</b>		<b>14</b>	<b>16</b>		<b>5</b>	<b>5</b>	

(Station started in the month January 2021)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		13	13	10	16		5	5	5	4	
April	124	--	86	98		15	--	10	18		5	--	5	7	
May	110	107	94	94		12	14	13	17		4	8	6	7	
June	101	115	96	93		13	14	14	15		5	7	5	7	
July	89	88	68	71		13	16	16	14		5	6	5	6	
August	102	82	72	73		12	15	18	15		5	6	5	6	
September	101	101	69	75		13	17	18	16		7	7	5	6	
October	119	146	96	102		13	10	18	24		5	6	6	8	
November	133	146	147	132		13	20	20	26		6	8	8	8	
December	107	105	124	113		14	9	17	19		7	5	6	6	
<b>Annual Avg.</b>	<b>107</b>	<b>112</b>	<b>95</b>	<b>97</b>		<b>13</b>	<b>14</b>	<b>15</b>	<b>17</b>		<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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	--	-	-		10	--	-	-		4	--	-	-	
April	125	--	-	-		12	--	-	--		BDL	--	-	-	
May	133	-	-	-		BDL	-	-	-		BDL	-	-	-	
June	108	-	-	-		11	--	-	-		5	--	-	-	
July	-	-	-	-		-	-	-	-		-	-	-	-	
August	-	-	-	-		-	-	-	-		-	-	-	-	
September	-	-	-	-		-	-	-	-		-	-	-	-	
October	164	-	-	93		22	-	-	21		6	-	-	5	
November	188	-	-	128		20	-	-	26		6	-	-	6	
December	87	-	-	102		14	-	-	18		6	-	-	5	
<b>Annual Avg.</b>	<b>114</b>	<b>89</b>	<b>-</b>	<b>108</b>		<b>13</b>	<b>12</b>	<b>-</b>	<b>22</b>		<b>4</b>	<b>6</b>	<b>-</b>	<b>5</b>	



Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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	-	-		10	11	-	-		5	4	-	-	
April	-	--	-	-		-	--	-	-		-	--	-	-	
May	109	-	-	89		12	-	-	14		4	-	-	5	
June	89	--	-	84		11	--	-	13		4	--	-	4	
July	121	-	-	65		13	-	-	10		6	-	-	BDL	
August	125	-	-	55		11	-	-	11		4	-	-	BDL	
September	111	-	-	58		14	-	-	11		6	-	-	BDL	
October	178	-	-	102		13	-	-	20		5	-	-	4	
November	198	-	-	124		26	-	-	26		7	-	-	6	
December	110	-	-	111		15	-	-	17		6	-	-	4	
<b>Annual Avg.</b>	<b>119</b>	<b>92</b>	<b>-</b>	<b>86</b>		<b>13</b>	<b>11</b>	<b>-</b>	<b>15</b>		<b>5</b>	<b>5</b>	<b>-</b>	<b>4</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	--	14	12		5	--	6	BDL	
April	119	--	85	93		13	--	14	12		5	--	6	4	
May	109	107	97	91		13	14	15	13		5	7	5	BDL	
June	92	101	92	88		11	14	14	15		4	8	5	4	
July	110	81	66	68		12	15	14	10		4	6	4	BDL	
August	79	66	60	58		11	14	12	12		4	5	4	BDL	
September	95	71	54	60		12	16	14	13		6	6	BDL	BDL	
October	111	157	84	90		13	18	15	21		6	8	BDL	5	
November	160	158	151	128		21	22	23	25		6	10	6	6	
December	106	111	122	109		12	16	13	16		6	6	5	5	
<b>Annual Avg.</b>	<b>106</b>	<b>105</b>	<b>93</b>	<b>89</b>		<b>13</b>	<b>15</b>	<b>16</b>	<b>14</b>		<b>5</b>	<b>7</b>	<b>5</b>	<b>4</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		12	--	18	11		5	--	7	5	
April	123	--	116	104		15	--	22	16		6	--	7	6	
May	122	108	108	95		14	16	20	17		6	8	7	7	
June	109	115	100	101		12	14	14	16		5	7	6	6	
July	112	96	71	70		12	15	14	14		5	6	5	6	
August	113	78	74	60		12	15	16	15		5	5	6	4	
September	97	87	68	62		10	17	18	15		6	7	6	4	
October	136	143	90	96		14	16	18	23		7	7	5	5	
November	132	153	142	122		17	21	22	25		6	10	8	7	
December	94	119	117	119		13	15	14	18		6	8	7	7	
<b>Annual Avg.</b>	<b>110</b>	<b>116</b>	<b>103</b>	<b>95</b>		<b>13</b>	<b>15</b>	<b>19</b>	<b>16</b>		<b>6</b>	<b>7</b>	<b>7</b>	<b>6</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	--	16	12		5	--	6	BDL	
April	149	--	103	97		14	--	15	16		6	--	6	6	
May	120	-	106	93		17	-	17	15		6	-	6	5	
June	92	115	99	91		11	14	12	14		4	7	7	4	
July	107	91	67	70		12	15	14	15		5	6	5	5	
August	92	65	73	59		11	15	13	14		5	5	4	4	
September	68	82	66	65		10	17	17	15		6	6	5	4	
October	97	140	-	99		12	16	-	24		6	7	-	5	
November	180	160	138	128		21	21	22	26		6	9	6	7	
December	120	117	109	104		14	17	15	15		6	7	5	5	
<b>Annual Avg.</b>	<b>108</b>	<b>112</b>	<b>98</b>	<b>92</b>		<b>13</b>	<b>15</b>	<b>17</b>	<b>16</b>		<b>5</b>	<b>6</b>	<b>6</b>	<b>5</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	--	16	16		4	--	6	6	
April	125	--	103	106		14	--	17	19		6	--	7	7	
May	105	-	101	100		15	-	16	16		5	-	6	6	
June	88	119	98	98		11	15	13	15		4	7	6	5	
July	127	84	65	68		12	16	15	10		4	6	4	BDL	
August	122	72	69	55		12	15	14	14		5	5	5	4	
September	108	74	59	60		13	17	16	14		7	7	BDL	4	
October	114	154	88	91		15	18	16	23		8	8	BDL	6	
November	175	157	133	121		23	20	21	24		6	9	7	7	
December	92	114	107	105		12	18	14	20		6	7	6	6	
<b>Annual Avg.</b>	<b>110</b>	<b>111</b>	<b>95</b>	<b>94</b>		<b>13</b>	<b>16</b>	<b>17</b>	<b>16</b>		<b>5</b>	<b>7</b>	<b>6</b>	<b>6</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	12	18	20		6	6	7	6	
April	93	--	84	101		11	--	16	16		5	--	7	7	
May	92	112	88	102		11	15	15	19		5	8	6	7	
June	94	86	85	101		11	15	14	15		5	6	5	5	
July	95	92	64	67		11	17	15	10		6	7	4	BDL	
August	95	71	77	57		11	17	19	12		6	6	5	BDL	
September	94	85	68	59		11	17	19	13		5	7	5	4	
October	101	121	88	90		12	24	17	22		5	8	6	5	
November	149	123	149	130		23	25	30	28		7	10	7	7	
December	118	104	142	116		25	23	28	20		7	11	8	7	
<b>Annual Avg.</b>	<b>101</b>	<b>100</b>	<b>94</b>	<b>97</b>		<b>13</b>	<b>17</b>	<b>20</b>	<b>18</b>		<b>6</b>	<b>7</b>	<b>6</b>	<b>7</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		-	BDL	8	11		-	5	4	BDL	
April	-	-	87	98		-	-	9	14		-	-	4	5	
May	-	-	90	91		-	-	10	15		-	-	5	4	
June	-	-	88	99		-	-	11	13		-	-	4	BDL	
July	-	-	65	69		-	-	11	10		-	-	4	BDL	
August	-	76	65	52		-	17	15	12		-	6	5	BDL	
September	-	101	56	58		-	13	16	13		-	6	BDL	BDL	
October	114	164	76	88		12	13	16	21		5	6	BDL	5	
November	187	149	140	121		23	21	16	24		7	8	6	6	
December	108	97	116	100		13	9	11	14		6	4	4	5	
<b>Annual Avg.</b>	<b>136</b>	<b>109</b>	<b>87</b>	<b>88</b>		<b>16</b>	<b>14</b>	<b>12</b>	<b>14</b>		<b>6</b>	<b>6</b>	<b>4</b>	<b>4</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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		11	11	9	16		4	5	5	BDL	
April	112	-	85	90		12	-	9	19		5	-	4	7	
May	121	-	80	89		BDL	-	10	20		BDL	-	5	5	
June	108	-	78	95		11	-	11	15		4	-	5	BDL	
July	-	--	71	65		-	--	12	10		-	--	5	BDL	
August	-	-	67	53		-	-	11	12		-	-	4	BDL	
September	-	125	62	58		-	10	15	13		-	5	BDL	BDL	
October	-	156	116	94		-	13	16	14		-	6	BDL	5	
November	-	144	134	118		-	19	20	23		-	7	5	6	
December	-	99	-	94		-	9	-	14		-	5	-	5	
<b>Annual Avg.</b>	<b>102</b>	<b>127</b>	<b>88</b>	<b>87</b>		<b>10</b>	<b>12</b>	<b>12</b>	<b>15</b>		<b>4</b>	<b>6</b>	<b>5</b>	<b>5</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year 2019-2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )					NO <sub>2</sub> (µg/m <sup>3</sup> )					SO <sub>2</sub> (µg/m <sup>3</sup> )				
	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	-	-		-	12	-	-		-	5	-	-	
April	-	-	-	103		-	-	-	17		-	-	-	5	
May	-	-	-	99		-	-	-	17		-	-	-	5	
June	-	-	80	102		-	-	12	14		-	-	4	BDL	
July	-	--	75	72		-	--	13	10		-	--	4	BDL	
August	-	-	74	56		-	-	12	12		-	-	5	4	
September	75	94	52	58		7	10	14	13		5	5	BDL	4	
October	133	157	89	91		11	13	16	20		5	6	BDL	5	
November	-	215	139	129		-	19	24	26		-	8	5	7	
December	102	100	115	97		11	9	13	15		5	4	5	6	
<b>Annual Avg.</b>	<b>103</b>	<b>126</b>	<b>89</b>	<b>92</b>		<b>10</b>	<b>12</b>	<b>15</b>	<b>15</b>		<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :-2022 & 2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	98	-	22	-	5
February	-	84	-	20	-	4
March	-		-		-	
April	108		16		5	
May	96		17		6	
June	-		-		-	
July	-		-		-	
August	68		15		5	
September	78		16		5	
October	110		24		6	
November	136		28		8	
December	124		23		7	
<b>Annual Avg.</b>	<b>103</b>		<b>20</b>		<b>6</b>	

(Station started in the month April 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :-2022 & 2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	96	-	24	-	5
February	-	86	-	20	-	4
March	-		-		-	
April	105		15		7	
May	92		16		5	
June	87		15		BDL	
July	71		14		5	
August	72		15		4	
September	78		16		4	
October	108		22		5	
November	131		26		7	
December	118		22		6	
<b>Annual Avg.</b>	<b>96</b>		<b>18</b>		<b>5</b>	

(Station started in the month April 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :-2022 & 2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	93	-	18	-	4
February	-	89	-	15	-	4
March	-		-		-	
April	98		14		6	
May	94		15		4	
June	89		14		5	
July	65		13		4	
August	69		14		5	
September	-		-		-	
October	-		-		-	
November	-		-		-	
December	113		17		4	
<b>Annual Avg.</b>	<b>88</b>		<b>15</b>		<b>5</b>	

(Station started in the month April 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :-2022 & 2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	106	-	24	-	5
February	-	92	-	21	-	5
March	-		-		-	
April	102		17		7	
May	99		17		5	
June	96		16		7	
July	73		16		6	
August	75		17		6	
September	82		18		4	
October	98		24		6	
November	131		27		8	
December	125		23		7	
<b>Annual Avg.</b>	<b>98</b>		<b>19</b>		<b>6</b>	

(Station started in the month April 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year:- 2022 & 2023

Station Name:-**Dr. B.R.A Mohali**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	98	-	22	-	6
February	-	95	-	18	-	5
March	-		-		-	
April	88		15		5	
May	87		17		6	
June	84		16		6	
July	62		10		BDL	
August	68		14		4	
September	76		15		4	
October	102		24		6	
November	128		27		7	
December	121		20		7	
<b>Annual Avg.</b>	<b>91</b>		<b>18</b>		<b>5</b>	

(Station started in the month April 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :- 2022 & 2023

Station Name:-**MC Fazilka**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	91	-	22	-	5
February	-	88	-	16	-	4
March	-		-		-	
April	-		-		-	
May	101		15		4	
June	97		16		4	
July	70		10		BDL	
August	72		12		6	
September	76		14		5	
October	99		23		6	
November	130		26		7	
December	101		16		7	
<b>Annual Avg.</b>	<b>93</b>		<b>17</b>		<b>5</b>	

(Station started in the month may 2022)



Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year: -2022 & 2023

Station Name: - **RO Roopnagar**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	86	-	24	-	6
February	-	80	-	18	-	5
March	-		-		-	
April	-		-		-	
May	92		14		6	
June	87		12		4	
July	69		11		4	
August	70		10		5	
September	75		12		5	
October	98		18		5	
November	118		26		7	
December	93		13		5	
<b>Annual Avg.</b>	<b>88</b>		<b>15</b>		<b>5</b>	

(Station started in the month May 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :- 2022 & 2023

Station Name:- **Guru Gobind Singh Medical College, Faridkot**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	96	-	24	-	6
February	-	90	-	18	-	5
March	-		-		-	
April	-		-		-	
May	-		-		-	
June	-		-		-	
July	69		11		BDL	
August	71		12		4	
September	76		14		4	
October	96		21		5	
November	124		27		7	
December	105		18		5	
<b>Annual Avg.</b>	<b>90</b>		<b>17</b>		<b>5</b>	

(Station started in the month July 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :- 2022 & 2023

Station Name:- **MC Ferozepur**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	85	-	18	-	5
February	-	80	-	16	-	4
March	-		-		-	
April	-		-		-	
May	-		-		-	-
June	-		-		-	-
July	73		12		4	
August	74		13		5	
September	78		15		4	
October	96		20		5	
November	133		28		7	
December	108		21		6	
<b>Annual Avg.</b>	<b>94</b>		<b>18</b>		<b>5</b>	

(Station started in the month July 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :- 2022 & 2023

Station Name:- **DC Office Shri Muktsar Sahib**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	-	-	-	-	-
February	-	84	-	17	-	5
March	-		-		-	
April	-		-		-	
May	-		-		-	
June	-		-		-	
July	-		-		-	
August	-		-		-	
September	-		-		-	
October	77		14		6	
November	89		16		8	
December	-		-		-	
<b>Annual Avg.</b>	<b>83</b>		<b>15</b>		<b>7</b>	

(Station started in the month October 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :- 2022 & 2023

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

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	82	-	18	-	4
February	-	78	-	16	-	4
March	-		-		-	
April	-		-		-	
May	-		-		-	
June	-		-		-	
July	-		-		-	
August	-		-		-	
September	-		-		-	
October	-		-		-	
November	87		15		5	
December	94		13		5	
<b>Annual Avg.</b>	<b>91</b>		<b>14</b>		<b>5</b>	

(Station started in the month November 2022)

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>

For the year :- 2022 & 2023

Station Name:- **MOGA**

Month	PM <sub>10</sub> (µg/m <sup>3</sup> )		NO <sub>2</sub> (µg/m <sup>3</sup> )		SO <sub>2</sub> (µg/m <sup>3</sup> )	
	2022	2023	2022	2023	2022	2023
January	-	88	-	18	-	5
February	-	82	-	17	-	4
March	-		-		-	
April	-		-		-	
May	-		-		-	
June	-		-		-	
July	-		-		-	
August	-		-		-	
September	-		-		-	
October	-		-		-	
November	-		-		-	
December	97		14		5	
<b>Annual Avg.</b>	<b>97</b>		<b>14</b>		<b>5</b>	

(Station started in the month December 2022).