

Comparative Values of PM10, SO<sub>2</sub>&NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	138	134	150	163	209	26	21	25	30	27	5	8	8	10	11
February	108	112	167	188		34	20	24	34		7	7	8	10	
March	103	103	130	159		36	19	29	37		10	6	7	11	
April	119	178	--	166		31	21	--	40		8	17	--	11	
May	106	99	55	102		33	23	18	29		9	8	7	10	
June	190	107	90	184		34	24	20	25		9	8	6	10	
July	102	88	97	165		28	24	18	21		8	7	5	8	
August	105	64	98	170		29	22	19	21		8	26	5	8	
September	96	65	110	175		26	20	20	20		10	12	6	9	
October	152	213	204	206		23	32	25	24		8	11	10	9	
November	287	224	217	270		36	31	31	34		12	7	11	13	
December	156	154	172	275		23	26	30	32		8	8	9	13	
<b>Annual Avg.</b>	<b>139</b>	<b>128</b>	<b>135</b>	<b>185</b>		<b>30</b>	<b>24</b>	<b>24</b>	<b>29</b>		<b>9</b>	<b>10</b>	<b>7</b>	<b>10</b>	

Comparative Values of PM10, SO<sub>2</sub>&NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	195	132	164	165	176	44	25	29	32	28	8	15	10	11	11
February	116	94	187	210		49	23	32	36		7	9	11	11	
March	118	77	180	171		50	21	33	38		8	11	11	12	
April	121	139	--	176		40	20	--	41		7	13	--	12	
May	96	142	130	133		30	20	21	28		8	14	7	10	
June	165	154	117	185		29	20	22	27		8	11	7	11	
July	55	126	96	172		22	17	21	23		7	9	6	9	
August	84	160	113	166		21	24	21	22		7	10	6	9	
September	89	152	129	165		22	21	22	22		7	10	8	10	
October	140	148	196	186		30	29	27	24		9	9	10	10	
November	131	202	234	253		35	36	35	36		11	8	14	13	
December	129	193	181	225		28	29	31	33		13	9	10	14	
<b>Annual Avg.</b>	<b>120</b>	<b>143</b>	<b>157</b>	<b>184</b>		<b>30</b>	<b>24</b>	<b>27</b>	<b>30</b>		<b>8</b>	<b>11</b>	<b>9</b>	<b>11</b>	

Comparative Values of PM10, SO<sub>2</sub>&NO<sub>2</sub> µg/m<sup>3</sup>  
For the years 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	162	188	187	192	169	48	29	26	32	28	10	14	9	11	11
February	158	140	189	219		47	18	32	36		7	9	10	11	
March	180	135	179	190		53	20	29	40		9	12	9	12	
April	241	189	--	184		45	26	--	42		7	18	--	12	
May	188	136	131	147		34	26	22	27		8	15	7	11	
June	252	153	144	168		32	19	22	27		10	18	7	10	
July	126	144	117	184		16	15	22	22		6	9	6	9	
August	73	116	133	172		11	31	22	22		5	41	6	8	
September	96	135	143	198		17	32	24	23		9	12	9	10	
October	177	138	187	208		33	31	29	26		11	10	11	11	
November	209	174	300	250		25	30	36	35		13	8	16	13	
December	183	162	179	257		31	27	32	34		13	9	10	14	
<b>Annual Avg.</b>	<b>170</b>	<b>151</b>	<b>172</b>	<b>197</b>		<b>33</b>	<b>25</b>	<b>27</b>	<b>31</b>		<b>9</b>	<b>15</b>	<b>9</b>	<b>11</b>	

Comparative Values of PM10, SO<sub>2</sub>&NO<sub>2</sub> µg/m<sup>3</sup>  
For the years 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	212	185	224	218	285	33	28	31	33	31	7	11	11	12	12
February	201	163	254	230		39	28	33	37		9	11	12	11	
March	254	168	227	208		44	29	34	41		11	11	12	13	
April	292	185	--	191		38	31	--	43		10	13	--	13	
May	267	180	167	193		39	27	25	30		11	11	8	12	
June	166	149	174	222		37	28	26	28		11	12	8	11	
July	126	120	175	199		31	26	24	25		10	9	8	9	
August	169	136	181	217		30	50	26	25		11	42	8	9	
September	146	150	207	231		23	35	25	26		10	12	9	11	
October	237	296	300	305		31	36	32	28		12	14	13	12	
November	294	252	318	356		35	34	34	38		14	10	13	16	
December	194	198	241	327		25	31	36	36		10	9	11	15	
<b>Annual Avg.</b>	<b>213</b>	<b>182</b>	<b>224</b>	<b>241</b>		<b>34</b>	<b>32</b>	<b>30</b>	<b>33</b>		<b>11</b>	<b>14</b>	<b>10</b>	<b>12</b>	

Comparative Values of PM10, SO<sub>2</sub>&NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	173	239	159	-	-	29	22	19	-	-	8	8	10	-	-
February	131	198	184	-		29	16	29	-		7	7	10	-	
March	120	180	154	-		33	29	25	-		8	9	11	-	
April	124	201	--	-		36	10	--	-		10	12	--	-	
May	132	189	--	-		38	23	--	-		10	9	--	-	
June	137	163	--	-		43	26	--	-		12	9	--	-	
July	-	170	--	-		-	27	--	-		-	8	--	-	
August	-	214	--	-		-	28	--	-		-	11	--	-	
September	159	155	--	--		26	24	--	-		8	10	--	-	
October	230	190	-	--		27	35	-	--		9	10	-	--	
November	272	198	-	-		26	36	-	-		7	12	-	-	
December	246	193	-	-		25	29	-	-		7	10	-	-	
<b>Annual Avg.</b>	<b>172</b>	<b>191</b>	<b>166</b>	<b>-</b>		<b>31</b>	<b>25</b>	<b>24</b>	<b>-</b>		<b>9</b>	<b>10</b>	<b>10</b>	<b>-</b>	

Comparative Values of PM10, SO<sub>2</sub>&NO<sub>2</sub> µg/m<sup>3</sup>

For the years 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	182	172	115	-	-	32	26	20	-	-	8	8	9	-	-
February	90	170	127	-		29	24	25	-		7	8	8	-	
March	119	136	90	-		33	24	22	-		8	9	10	-	
April	126	123	--	-		35	22	--	-		9	12	--	-	
May	130	107	--	-		36	22	--	-		8	11	--	-	
June	124	176	--	-		35	23	--	-		9	11	--	-	
July	124	140	--	-		35	21	--	-		8	7	--	-	
August	80	113	--	-		20	39	--	-		5	41	--	-	
September	146	118	--	-		23	25	--	-		10	13	--	-	
October	133	133	-	--		25	37	-	-		7	10	-	-	
November	229	140	-	-		25	34	-	-		7	12	-	-	
December	243	131	-	-		26	27	-	-		7	9	-	-	
<b>Annual Avg.</b>	<b>138</b>	<b>138</b>	<b>111</b>	<b>-</b>		<b>30</b>	<b>27</b>	<b>22</b>	<b>-</b>		<b>7</b>	<b>13</b>	<b>9</b>	<b>-</b>	

Comparative Values of PM<sub>10</sub>, SO<sub>2</sub> & NO<sub>2</sub> µg/m<sup>3</sup>  
For the years 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	-	135	103	167	77	-	18	20	21	12	-	10	5	10	7
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	
<b>Annual Avg.</b>	<b>132</b>	<b>171</b>	<b>144</b>	<b>121</b>		<b>21</b>	<b>21</b>	<b>23</b>	<b>18</b>		<b>7</b>	<b>9</b>	<b>8</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 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	-	186	114	160	70	-	17	22	22	9	-	7	6	8	6
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	
<b>Annual Avg.</b>	<b>137</b>	<b>172</b>	<b>153</b>	<b>139</b>		<b>19</b>	<b>23</b>	<b>23</b>	<b>20</b>		<b>7</b>	<b>9</b>	<b>8</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 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	115	114	39	-	112	25	20	15	-	20	3	6	5	-	8
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	154	69	-	108		21	24	-	18		7	8	-	10	
December	141	64	-	95		15	21	-	19		6	6	-	7	
<b>Annual Avg.</b>	<b>125</b>	<b>75</b>	<b>30</b>	<b>65</b>		<b>22</b>	<b>17</b>	<b>15</b>	<b>14</b>		<b>6</b>	<b>7</b>	<b>5</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 2018-2022

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

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> )				
	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
January	112	112	77	-	75	24	21	20	-	19	3	8	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	176	85	-	107		26	25	-	20		7	8	-	9	
December	181	88	-	119		20	20	-	20		7	8	-	7	
<b>Annual Avg.</b>	<b>142</b>	<b>69</b>	<b>100</b>	<b>77</b>		<b>25</b>	<b>19</b>	<b>19</b>	<b>15</b>		<b>6</b>	<b>8</b>	<b>8</b>	<b>7</b>	