

## NO<sub>2</sub> Concentration in Ambient Air at various Locations in Peshawar

Locations	Sampler I.D.#	Absorbance Sample	Absorbance Blank	Exposure time (hours)	NO <sub>2</sub> concentrations	
					ppb	µg/m <sup>3</sup>
1-Crossing Ring road/G.T road	1	0.232	0.064	23	30.20	56.77
2- Bus Stand	3	0.308	0.064	23	43.85	82.44
3- Hashtnagri Chowk	4	0.294	0.064	23	41.34	77.72
4- Qilla Bala Sahar	5	0.311	0.064	24	42.54	79.97
5- Khyber Bazar (Sohi Korner Chowk)	6	0.279	0.064	23	38.64	72.64
6- Dil Gan Plaza/FC Plaza	7	0.222	0.064	23	28.40	53.39
7- Stadium Chowk	8	0.300	0.064	23	42.41	79.73
8- Tehkhal Bala	9	0.186	0.064	23	21.93	41.23
9- Arbab road	10	0.224	0.064	23	28.76	54.07
10- Spin Jamat Chowk	11	0.246	0.064	23	32.71	61.49
11- BISE Peshawar	12	0.209	0.064	23	26.06	48.99
12- Haytabad Chowk	13	0.208	0.064	23	25.88	48.65
13-St. Merry School	14	0.147	0.064	23	14.92	28.05
14- Govt. College Chowk	15	0.377	0.064	24	53.91	101.35
15-Debgari	16	0.247	0.064	22	34.38	64.63
16- Baccha Khan Road	17	0.168	0.064	24	17.91	33.67
17- Charsadda Bus Station	18	0.190	0.064	24	21.70	40.80
18- Hayatabad industrial area	19	0.134	0.078	24	9.64	18.12
19- Kohat Road	21	0.155	0.078	22	14.47	27.20
20- Chowk Yadgar	22	0.223	0.078	25	23.97	45.06
21-Defence Colony Khyber Road	23	0.156	0.072	23	15.09	28.37
22- Faqirabad	25	0.282	0.072	23	37.74	70.95
23- Gulberg Colony	26	0.176	0.072	22	19.54	36.73
24- Gulbahar	27	0.160	0.072	23	15.81	29.72
25-Hayatabad Phase I	28	0.182	0.072	24	18.94	35.61
26- Hayatabad Phase II	29	0.137	0.072	24	11.19	21.04
27- University Town	30	0.162	0.072	25	14.88	27.97
28- Asiya Gate	31	0.223	0.072	23	27.14	51.02

## Comparison of NO<sub>2</sub> Concentrations in ambient air at different locations in Peshawar with International Standards

**24 hours Average**

