

Table: NO₂ Concentration in Ambient Air at Various Locations in Karachi

Locations	Sampler I.D #	Absorbance Sample (A)	Absorbance Blank (A°)	Exposure time (hours)	Distance from main road (meters)	NO ₂ Concentration	
						ppb	µg/m ³
Korangi Industrial Area (SEPA Office)	1	0.395	0.083	24	115	58.96	110.84
Landhi # 6	2	0.286	0.083	24	8	38.36	72.12
Rangers office Daoow Chorangi	3	0.290	0.083	24	6	39.11	73.53
Malir (Vitanery Hospital)	4	0.231	0.083	24	5	27.97	52.58
Air Port	5	0.233	0.083	24	5	28.34	53.28
Gulastan-e-Johar opposite Rabia City	6	0.255	0.083	24	5	32.50	61.10
SUPARCO Center	7	0.312	0.083	24	10	43.27	81.35
Teanhati (near Pak Clinic)	8	0.268	0.083	24	1	34.96	65.72
Ranshorline (Raghoo Street)	9	0.239	0.083	24	60	29.48	55.42
Lea Market	10	0.209	0.083	24	80	23.81	44.76
Lyari	11	0.314	0.083	24	250	43.65	82.06
Police Training College Baldia Town	12	0.168	0.083	23	150	16.76	31.51
Clifton (Sea Front)	13	0.248	0.083	22	15	34.01	63.94
Clifton (Three Swords round about)	14	0.249	0.083	22	25	34.22	64.33
Carlton Hotel (Defense Housing Authority)	15	0.185	0.083	22	25	21.03	39.54
Near KPT Building	16	0.180	0.083	22	23	19.99	37.58
West Warf (Police Station)	17	0.129	0.083	22	55	9.48	17.82
M. A. Jinnah Road (CDGK)	18	0.169	0.083	22	20	17.73	33.33

Fire Brigade Station Saddar	19	0.196	0.083	23	150	22.28	41.89
Mazar-a- Quaid	20	0.200	0.083	23	22	23.07	43.37
Bahadurabad	21	0.251	0.083	24	6	31.75	59.69
Mahmoodabad	22	0.286	0.083	24	15	38.36	72.12
Police Station in front of FTC Building	23	0.239	0.083	24	20	29.48	55.42
Kiyamari	24	0.230	0.083	22	9	30.30	56.96
North Karachi	25	0.222	0.083	23	5	27.41	51.53
DC Office North Nazimabad	26	0.280	0.083	23	7	38.84	73.02
Karimabad	27	1.208	0.083	24	5	212.58	399.65
MacDonald North Nazimabad	28	0.288	0.083	23	10	40.42	75.99
Semen's Chorangi (SITE Industrial Area)	29	0.259	0.083	23	10	34.70	65.24
Tamura Library North Nazimabad	30	0.276	0.083	23	5	38.05	71.53
Disco Bakery Gulshan-e-Iqbal	31	0.259	0.083	24	2	33.26	62.53
NIPA	32	0.317	0.083	24	15	44.22	83.13
Al-Asif Square Super High Way	33	0.349	0.083	24	30	50.26	94.49
Civic Center near Hassan Square	34	0.376	0.083	24	7	55.37	104.09
Aladin Park near Drig Road	35	0.469	0.083	24	50	72.94	137.13

Comparison of NO₂ Concentrations in ambient air at different locations in Karachi with International Standards

24 hours Average

