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**Month Wise Analysis of Ambient Air Quality, Town hall (F1), Lahore
2014 to 2015**

units	CH4 ppm	NMHC ppm	THC ppm	CO mg/m ³	NO ug/m ³	NO2 ug/m ³	NOx ug/m ³	O3 ug/m ³	SO2 ug/m ³	PM2.5 ug/m ³	RH %	Radiation W/m ²	Temp degC	Wind Dir degrees	Wind Spd m/s
*NAAQS				5 mg/m ³	40 ug/m ³	40 ug/m ³	80 ug/m ³	130 ug/m ³	80 ug/m ³	15 ug/m ³					
Jul-2014	2.076583	0.681467	2.75925	1.3099	9.339286	14.77339	24.11268	11.78571	12.82286	93.62	69.84083	458.6908	33.16833	104.1146	1.977917
Aug-2014	3.4692	0.561163	4.030125	S.N.O	11.45759	32.49366	43.95125	24.96429	14.07143	57.70	-	-	-	-	-
Sep-2014	3.382	0.019	1.819	S.N.O	-	-	-	24.22286	24.57143	49.54	89.71833	2.777167	26.86417	76.95792	0.916458
Oct-2014	6.288875	1.500492	7.789375	S.N.O	26.67813	17.09598	43.77411	26.57143	13.10857	S.N.O	-	-	-	-	-
Nov-2014	3.853487	0.94506	4.79838	S.N.O	21.59152	30.66643	52.25795	12.07714	16.29714	S.N.O	-	-	-	-	-
Dec-2014	-	-	-	S.N.O	15.83125	29.50071	45.33196	56.50071	20.39429	S.N.O	-	-	-	-	-
Jan-2015	2.385696	0.022035	3.007652	S.N.O	10.94285	42.38464	53.3275	S.N.O	S.N.O	S.N.O	43.256	674.76	27.528	185.55	1.1555
Feb-2015	8.426553	0.00171	8.301793	S.N.O	14.15625	43.10357	57.25982	S.N.O	S.N.O	S.N.O	-	-	-	-	-
Mar-2015	3.017083	0.08588	2.931208	S.N.O	10.47946	42.14652	52.62598	S.N.O	S.N.O	S.N.O	0.10055	1.86925	-19.8988	-	-
Apr-2015	9.124938	0.961988	10.07306	S.N.O	15.23884	31.34482	46.58366	12.38786	S.N.O	S.N.O	-	-	-	-	-
May-2015 (Up till 7th)	4.762447	0.130447	4.799647	S.N.O	16.66027	30.53179	47.19206	21.67286	-	-	-	-	-	-	-
July-2015	-	-	-	0.788	14.280	33.852	48.138	D.N.A.**	32.510	79.459	-	-	-	-	-
Aug-2015	-	-	-	1.725	15.945	38.733	54.680	76.981	28.793	70.441	-	-	-	-	-

* S.N.O. means Sensor not operational * NAAQS: National Ambient Air Quality Standard ** D.N.A.: Data not available

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Month Wise Analysis of Air Quality at Quaid-e-Azam (F2), Township, Lahore

units	Wind Speed m/s	Wind Direction degrees	Temp °C	RH %	Radiation W/m ²	NO µg/m ³	NO ₂ µg/m ³	NO _x µg/m ³	CH ₄ ppm	NMHC ppmC	THC ppm	CO mg/m ³	SO ₂ µg/m ³	O ₃ µg/m ³	PM _{2.5} µg/m ³
*NAAQS						40 ug/m ³	40 ug/m ³	80 ug/m ³				5 mg/ m ³ 8hrs	120 ug/m ³ 24hrs	130 ug/m ³ 1hrs	35 ug/m ³ 24hrs
Jul-2014	0.15	70.81	40.86	20.5	655.1	10.34	26.7363	37.0763	2.255	2.0215	4.283	1.02775	36.47	3.21	94.335
Aug-2014	S.N.O	S.N.O	32.2	67.7	210.3	10.0	25.6	35.6	*	*	*	0.718	21.2	446.9	-
Sep-2014	0.1281	71.89	29.64	41.93991	3.456	10.44	28.25	38.69	3.2805	0.919	4.199	4.21	36.05	5.82	-
Oct-2014	0.1283	73.36	29.64	41.93755	3.449122	11.67	33.08	44.75	A.N.O*	A.N.O*	A.N.O*	4.217	36.07	5.80	151.0
Nov-2014	0.1278	74.9384	29.64	41.93	3.45087	10.567	36.6562	47.2232	A.N.O*	A.N.O*	A.N.O*	4.217	36.05	5.80	-
Dec-2014	0.126617	76.52	29.62	41.95313	3.4273	10.5094	36.7404	47.2498	A.N.O*	A.N.O*	A.N.O*	4.217	36.04	6.0	-
Jan-2015	S.N.O	S.N.O	14.65	96.02	3.9273	9.150	34.1694	43.3194	A.N.O*	A.N.O*	A.N.O*	0.798	35.15	6.3429	-
Feb-2015	S.N.O	-	21.1	69.8	8.7	8.5	27.33	35.83	A.N.O*	A.N.O*	A.N.O*	1.574	32.0	17.8	-
Mar-2015	S.N.O	-	15.4	84.4	49.6	8.7	25.45	34.15	A.N.O*	A.N.O*	A.N.O*	0.968	32.5	1.4	87.1
Apr-2015	S.N.O	-	36.3	32.6	511.1	9.4	26.7	36.1	A.N.O*	A.N.O*	A.N.O*	1.119	32.3	5.9	88.6
May-2015	-	-	41.7	14.4	415.2	9.9	24.07	33.97	-	-	-	3.023	32.7	A.N.O**	149.7
June-2015	-	-	-	-	-	10.331	20.189	30.525	-	-	-	0.921	31.520	23.832	88.102
July-2015	-	-	-	-	-	14.2806	33.852	48.138	-	-	-	0.788	32.510	D.N.A.***	79.459
Aug-2015	-	-	-	-	-	16.501	41.688	58.195	-	-	-	0.585	36.190	D.N.A.***	71.082
Sep-2015 (up till 30)	-	-	-	-	-	16.123	40.796	56.92	-	-	-	0.42	37.236	D.N.A.***	115.563

* A.N.O* : analyzer is not operational due Pump Alarm in HC analyzer
 * Missing values are due to rapid load shedding and AVR tripping.
 *** D.N.A. : Data not available sometimes during maintenance mode or due to some error analyzer do not communicate with data logger
 A.N.O**: Analyzer not operational due to Lamp alarm

* NAAQS: National Ambient Air Quality Standard