

JFK Air Particulate Sampling

Building	RM #			Time	Building	RM #			Time	Building	RM #			Time	Building	RM #			Time
JFK	U12K	U12K	U12K	10:14-10:19	JFK	U06	U02C	U02B	10:21-10:28	JFK	U08	U04	U12A	10:32-10:38	JFK	U18 W	U18 center	U18 E	14:02-14:08
μm	Sa1	Sa2	Sa3	42-44	μm	Sa1	Sa2	Sa3	45-47	μm	Sa1	Sa2	Sa3	48-50	μm	Sa1	Sa2	Sa3	52-54
0.3	37144	24294	24696	28711.3	0.3	24803	21645	23460	23302.7	0.3	23209	23722	11744	19558.3	0.3	16468	16383	16093	16314.7
0.5	4717	1094	1141	2317.3	0.5	1058	930	992	993.3	0.5	1083	1225	568	958.7	0.5	926	905	989	940.0
1	765	130	197	364.0	1	125	129	108	120.7	1	171	260	118	183.0	1	119	125	109	117.7
2.5	183	127	135	148.3	2.5	72	89	42	67.7	2.5	160	231	106	165.7	2.5	32	69	69	56.7
5	33	26	39	32.7	5	23	18	8	16.3	5	53	99	46	66.0	5	14	33	16	21.0
10	50	10	22	27.3	10	10	5	2	5.7	10	16	34	13	21.0	10	13	24	13	16.7
Temp	70.8			70.8	Temp	71.2			71.2	Temp	71.8			71.8	Temp	72.8			72.8
RH%	33.4			33.4	RH%	31.7			31.7	RH%	31.7			31.7	RH%	28.6			28.6

Building	RM #			Time	Building	RM #			Time	Building	RM #			Time	Building	RM #			Time
JFK	M45-PLUS	M45- Writers	M41- Advising	14:11-14:17	JFK	M28	M26	M20	14:22-14:30	JFK	M18 S	M18 center	M18 N	14:34-14:39	JFK	M23 S	M23 C	M23 N	14:40-14:44
μm	Sa1	Sa2	Sa3	55-57	μm	Sa1	Sa2	Sa3	58-60	μm	Sa1	Sa2	Sa3	63-65	μm	Sa1	Sa2	Sa3	66-68
0.3	19765	18744	17386	18631.7	0.3	18227	19060	17949	18412.0	0.3	18298	18031	17597	17975.3	0.3	14492	15424	17660	15858.7
0.5	983	831	866	893.3	0.5	691	748	686	708.3	0.5	638	744	721	701.0	0.5	2830	2679	3972	3160.3
1	272	173	210	218.3	1	106	109	43	86.0	1	58	126	90	91.3	1	500	530	671	567.0
2.5	368	218	238	274.7	2.5	105	119	23	82.3	2.5	38	108	106	84.0	2.5	124	215	145	161.3
5	212	102	138	150.7	5	54	53	4	37.0	5	23	42	37	34.0	5	33	68	47	49.3
10	66	19	40	41.7	10	15	14	5	11.3	10	11	15	19	15.0	10	26	25	10	20.3
Temp	72.9			72.9	Temp	72.7			72.7	Temp	72.7			72.7	Temp	72.9			72.9
RH%	27.6			27.6	RH%	27.2			27.2	RH%	27.1			27.1	RH%	27.9			27.9

Building	RM #			Time	Building	RM #			Time	Building	RM #			Time	Building	RM #			Time
JFK	M02 Collection	M02 Collection	M02 Circ	15:17-15:24	JFK	M01 Ref W	M01 Ref center	M01 Ref E	15:35-15:40	JFK	M04F	M04E	M04D	14:50-14:56	JFK	M04C	M04B	M04A	14:57-15:05
μm	Sa1	Sa2	Sa3	76-78	μm	Sa1	Sa2	Sa3	79-81	μm	Sa1	Sa2	Sa3	70-72	μm	Sa1	Sa2	Sa3	73-75
0.3	15567	15426	15393	15462.0	0.3	15986	16045	15629	15886.7	0.3	14279	14431	13840	14183.3	0.3	13609	14263	14360	14077.3
0.5	812	809	850	823.7	0.5	919	908	778	868.3	0.5	1173	1209	1212	1198.0	0.5	1111	1078	1192	1127.0
1	232	183	242	219.0	1	273	201	169	214.3	1	171	203	241	205.0	1	170	187	218	191.7
2.5	213	162	209	194.7	2.5	280	205	160	215.0	2.5	95	119	104	106.0	2.5	106	79	171	118.7
5	92	68	102	87.3	5	137	107	78	107.3	5	32	56	49	45.7	5	35	68	69	57.3
10	35	18	29	27.3	10	40	31	20	30.3	10	36	20	15	23.7	10	14	14	15	14.3
Temp	72.5			72.5	Temp	72.2			72.2	Temp	72.5			72.5	Temp	73.1			73.1
RH%	26.9			26.9	RH%	27.1			27.1	RH%	27.4			27.4	RH%	27.9			27.9

Building	RM #			Time	Building	RM #			Time	Building	RM #			Time	Building	RM #			Time
JFK	Aux Class	Aux Class	Aux Class	15:58-16:02	JFK	L05	L37 Help Desk	L37 OIT	15:59-16:06	JFK	L23 E	L23 center	L23 W	16:08-16:13	JFK	L25	L37 stacks	L37 Asst Desk	16:14-16:20
μm	Sa1	Sa2	Sa3	84-86	μm	Sa1	Sa2	Sa3	87-89	μm	Sa1	Sa2	Sa3	90-92	μm	Sa1	Sa2	Sa3	93-95
0.3	15484	15565	15202	15417.0	0.3	15406	14529	14289	14741.3	0.3	20269	20019	19529	19939.0	0.3	17196	18821	15157	17058.0
0.5	771	774	737	760.7	0.5	692	729	697	706.0	0.5	826	746	762	778.0	0.5	757	713	778	749.3
1	147	151	130	142.7	1	55	136	125	105.3	1	101	98	98	99.0	1	86	78	110	91.3
2.5	138	141	94	124.3	2.5	38	162	112	104.0	2.5	114	90	84	96.0	2.5	75	44	99	72.7
5	43	55	29	42.3	5	10	90	63	54.3	5	30	22	28	26.7	5	23	20	47	30.0
10	20	17	13	16.7	10	5	27	20	17.3	10	5	6	8	6.3	10	14	7	15	12.0
Temp	73.3			73.3	Temp	71.2			71.2	Temp	71.2			71.2	Temp	71.4			71.4
RH%	28			28.0	RH%	27.9			27.9	RH%	27.8			27.8	RH%	27.4			27.4

Building	RM #			Time	Building	RM #			Time	Building	RM #			Time	Building	RM #			Time
JFK	R Loading Dock	Front Entry E.	Front Entry W.	10:45-15:45	JFK	Pent AHU 6&7	Pent AHU 2&3	Roof	16:21-16:28	MAR	Loading drive	006 dock	007 entry	16:30-16:35	MAR	2	7	5	16:36-16:42
μm	Sa1	Sa2	Sa3	69,82,83	μm	Sa1	Sa2	Sa3	96-98	μm	Sa1	Sa2	Sa3	99-101	μm	Sa1	Sa2	Sa3	102-104
0.3	96346	48962	48714	64674.0	0.3	41227	44952	46261	44146.7	0.3	47159	46452	46017	46542.7	0.3	46853	27850	46223	40308.7
0.5	5396	3233	3219	3949.3	0.5	2692	2971	3111	2924.7	0.5	3161	3007	3233	3133.7	0.5	3414	1636	3118	2722.7
1	586	481	489	518.7	1	596	635	640	623.7	1	648	551	789	662.7	1	714	352	685	583.7
2.5	301	285	282	289.3	2.5	321	266	297	294.7	2.5	311	298	467	358.7	2.5	548	314	563	475.0
5	81	72	89	80.7	5	82	74	69	75.0	5	80	55	58	64.3	5	195	152	272	206.3
10	16	22	19	19.0	10	17	17	6	13.3	10	17	9	15	13.7	10	46	51	46	47.7
Temp	60.5			60.5	Temp	57.6			57.6	Temp	61.3			61.3	Temp	72.6			72.6
RH%	38.5			38.5	RH%	41.5			41.5	RH%	40.8			40.8	RH%	27.2			27.2

Comparables

JFK	Lower Level	Main Level	ratio
μm			
0.3	16788.8	16310.9	2.93%
0.5	748.5	1185.0	-36.84%
1	109.6	224.1	-51.10%
2.5	99.3	154.6	-35.80%
5	38.3	71.1	-46.07%
10	13.1	23.0	-43.12%
Temp	72.0	72.7	-1.0%
RH%	27.7	27.3	1.4%

Comparables

JFK	Lower Level	Upper Level	ratio
μm			
0.3	16788.8	21971.8	-23.59%
0.5	748.5	1302.3	-42.53%
1	109.6	196.3	-44.19%
2.5	99.3	109.6	-9.43%
5	38.3	34.0	12.75%
10	13.1	17.7	-25.94%
Temp	72.0	71.7	0.4%
RH%	27.7	31.4	-11.5%

Comparables

JFK	Main Level	Upper Level	ratio
μm			
0.3	16310.9	21971.8	-25.76%
0.5	1185.0	1302.3	-9.01%
1	224.1	196.3	14.13%
2.5	154.6	109.6	41.06%
5	71.1	34.0	109.07%
10	23.0	17.7	30.19%
Temp	72.7	71.7	1.4%
RH%	27.3	31.4	-12.8%

Comparables

JFK	Inside	Outside	ratio
μm			
0.3	16629.5	54410.3	-69.44%
0.5	894.0	3437.0	-73.99%
1	147.8	571.2	-74.13%
2.5	117.7	292.0	-59.69%
5	49.3	77.8	-36.72%
10	16.4	16.2	1.37%
Temp	72.2	59.05	22.3%
RH%	27.6	40	-31.0%

Comparables

indoor	JFK	MAR	ratio
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