

Northeast Corridor Regional Modeling Project — Upper Air Meteorological Measurements

Volume VII: Upper Air Wind Data — Boston, MA

by

Beukers Laboratory
Flowerfield, Building 7
St. James, New York 11780

Contract No. 68-02-3531

EPA Project Officer: Norman Possiel

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air, Noise and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

April 1981

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Publication No. EPA-450/4-81-019g

Introduction

Presented in this report are the winds data collected for the Northeast Corridor Regional Modeling Project at the Massachusetts Institute of Technology during the experimental period July 16 - September 12, 1980.

On the following page is a map locating the Upper Air Station with respect to the greater Boston area.

Details of the circumstances and equipment involved in the collection, processing and presentation of this data may be found in the Environmental Protection Agency Report EPA-450/4-81-019a, Northeast Corridor Regional Modeling Project -- Upper Air Meteorological Measurements, Volume 1: Description of the Measurement Program, as submitted by Beukers Laboratories, Inc. and Aero-Vironment, Incorporated.



Site 8, Boston, MA

Winds Data

Presented for Boston, MA

July 18 - September 12, 1980

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8

SITE :BOSTON

LATITUDE :42 21

LONGITUDE :71 04

HEIGHT ABOVE SEA LEVEL :35

PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC

FLOWERFIELD BLDG 7

ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800718 515 87181 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	182	316.7	4.8	598
1	378	326.2	6.7	1240
1.5	576	326.6	7.2	1890
2	744	327.	7.8	2440
2.5	919	320.7	7.8	3013
3	1105	314.4	7.9	3625
3.5	1288	305.8	8.4	4225
4	1471	298.3	9	4825
4.5	1680	292	9.4	5510
5	1885	286.2	9.9	6183
5.5	2075	279.7	10.3	6805
6	2264	273.8	10.9	7427
6.5	2454	270.4	11.5	8049
7	2646	267.3	12.1	8678
7.5	2838	267.9	12.6	9307
8	3029	268.4	13.1	9936
8.5	3184	266.3	13.9	10444
9	3314	264.5	14.7	10870

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800718 705 87182 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	136	334.6	5.6	446
1	215	341	5.6	705
1.5	294	349.1	5.3	963
2	373	358.1	5.1	1222
2.5	451	4.2	5	1480
3	530	10.5	4.9	1739
3.5	609	5.1	4.9	1997
4	688	359.8	4.9	2256
4.5	766	348.2	5.1	2514
5	845	337.9	5.5	2773
5.5	924	326.7	5.4	3031
6	1003	315.7	5.6	3290
6.5	1082	307.5	5.4	3548
7	1161	299	5.4	3807
7.5	1239	295.7	5.5	4065
8	1318	292.5	5.6	4324
8.5	1397	289.4	6.1	4582
9	1473	286.8	6.6	4832
9.5	1539	282.1	7.3	5048
10	1605	278.2	8.1	5263
10.5	1670	274.7	8.7	5479
11	1736	271.7	9.4	5694
11.5	1802	271.9	9.7	5910
12	1868	272.1	10	6126
12.5	1933	271.5	10.2	6341
13	1999	271	10.4	6557
13.5	2065	268.8	10.7	6773
14	2130	266.8	11.1	6988
14.5	2196	264.9	11.3	7204
15	2262	263	11.6	7419
15.5	2328	261.7	12.2	7635
16	2394	260.6	12.8	7851
16.5	2459	259.5	13.4	8066
17	2525	258.5	14	8282
17.5	2591	259.5	14.2	8497
18	2656	260.4	14.5	8713
18.5	2722	261.4	15	8929
19	2788	262.3	15.6	9144
19.5	2854	262.4	16.3	9360
20	2920	262.5	17	9576
20.5	2985	263.1	17.9	9791
21	3051	263.6	18.9	10007
21.5	3127	262.6	19.9	10256
22	3205	261.7	21	10513

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800718 900 87183 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	65	21.4	3.6	213
1	142	19	3.5	465
1.5	221	15.7	3.8	726
2	301	13	4.2	987
2.5	396	14.4	4	1299
3	496	16	3.9	1627
3.5	593	17.7	3.1	1946
4	690	20.4	2.4	2262
4.5	786	11.9	1.8	2577
5	882	354.6	1.2	2892
5.5	978	331.7	1.8	3208
6	1045	321.4	2.6	3426
6.5	1134	310.1	3.8	3719
7	1230	304.3	5	4035
7.5	1307	297.1	5.6	4287
8	1384	291.3	6.2	4540
8.5	1461	291.6	6.4	4792
9	1536	291.8	6.7	5037
9.5	1610	288.2	7.3	5282
10	1685	285.2	7.9	5527
10.5	1766	277.8	8.3	5794
11	1848	271.2	8.8	6060
11.5	1929	269.9	9.3	6327
12	2010	268.8	9.9	6594
12.5	2092	272.9	10.6	6861
13	2173	276.5	11.3	7127
13.5	2238	275.6	11.9	7341
14	2303	274.7	12.5	7555
14.5	2369	273.5	12.7	7769
15	2434	272.4	12.9	7984
15.5	2499	271.6	12.5	8198
16	2565	270.7	12.2	8412
16.5	2630	268.9	12.4	8626
17	2695	267.2	12.6	8840
17.5	2803	267.3	13.5	9194
18	2881	267.4	14.4	9450
18.5	2959	267.8	15.2	9707
19	3038	268.2	16	9964
19.5	3126	268.7	16.1	10253
20	3202	269.1	16.3	10503
20.5	3278	269.5	15.9	10752
21	3343	269.9	15.6	10965

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FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800719 515 807191 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	225	236.1	7.4	739
1	406	231.8	7.3	1332
1.5	608	229.6	7.3	1993
2	788	227.4	7.3	2586
2.5	966	228	7	3167
3	1142	228.7	6.8	3747
3.5	1320	230.1	6.5	4328
4	1497	231.7	6.2	4909
4.5	1681	231.3	6.1	5513
5	1867	230.9	6.1	6124
5.5	2044	240.7	5.5	6704
6	2221	252.7	5	7284
6.5	2382	278.9	5.3	7813
7	2560	298.7	6.5	8397
7.5	2709	294.7	7.6	8886
8	2886	291.8	8.7	9466

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FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800719 700 87192 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	79	241.6	8.3	259
1	161	240.7	8	529
1.5	258	237.9	7.8	847
2	355	234.9	7.7	1164
2.5	452	232.2	7.5	1481
3	548	229.3	7.4	1798
3.5	645	228.2	7.2	2116
4	742	227	7	2433
4.5	838	226.9	7.2	2750
5	935	226.9	7.5	3068
5.5	1032	229.3	7.8	3385
6	1129	231.6	8.1	3702
6.5	1225	234.2	8.1	4019
7	1322	236.7	8.2	4337
7.5	1419	237.5	8.2	4654
8	1516	238.3	8.3	4971
8.5	1632	239.6	8.5	5352
9	1752	240.8	8.8	5748
9.5	1873	246.5	8.1	6144
10	1994	253.3	7.5	6540
10.5	2115	270.4	6.4	6936
11	2235	292	6	7332
11.5	2356	299.6	6.2	7728
12	2477	306.6	6.6	8124
12.5	2598	301.9	6.5	8520
13	2718	297.1	6.5	8916
13.5	2839	290.5	7	9312
14	2960	284.8	7.6	9708
14.5	3080	278.5	8.5	10104
15	3191	273.5	9.4	10468
15.5	3288	273	9.9	10784

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DATE TIME FLT.NO. STATION
800719 900 87193 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	206	213.4	4.5	675
1	360	226	5.4	1182
1.5	521	233.1	6.1	1709
2	700	238.8	6.8	2296
2.5	885	241.1	6.8	2903
3	1070	243.4	6.9	3510
3.5	1249	253.6	6.6	4097
4	1433	264.5	6.5	4700
4.5	1622	275.4	7	5321
5	1818	284.4	7.8	5964
5.5	2004	283.5	7.7	6574
6	2151	282.6	7.6	7054
6.5	2311	280.1	7.4	7579
7	2474	277.4	7.2	8114
7.5	2631	276.3	6.8	8630
8	2757	275	6.5	9043
8.5	2899	273.8	5.9	9510
9	3042	272.4	5.4	9978

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DATE TIME FLT.NO. STATION
800719 1100 87194 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	92	206.7	9.4	303
1	171	208.1	8.1	562
1.5	230	209.5	7.3	754
2	289	211.2	6.6	947
2.5	347	212.9	6.7	1139
3	406	214.5	6.9	1331
3.5	464	218.3	7	1523
4	523	222	7.2	1715
4.5	581	226.3	7	1907
5	640	230.8	6.9	2100
5.5	699	232.8	7	2292
6	757	234.8	7.1	2484
6.5	816	236.1	7.1	2676
7	874	237.4	7.1	2868
7.5	933	237.8	6.7	3060
8	991	238.3	6.3	3252
8.5	1050	238.1	5.9	3445
9	1109	237.8	5.5	3637
9.5	1167	239.6	5.2	3829
10	1226	241.7	4.9	4021
10.5	1284	242.4	5	4213
11	1343	243.1	5.2	4405
11.5	1402	245.7	5.4	4598
12	1460	248.1	5.7	4790
12.5	1519	253.4	5.7	4982
13	1583	258.7	5.8	5193
13.5	1656	262.4	5.9	5432
14	1729	265.9	6.1	5670
14.5	1802	268	6	5909
15	1874	270.2	6	6148
15.5	1947	274.1	6.6	6387
16	2020	277.4	7.2	6626
16.5	2093	278.6	8.1	6865
17	2166	279.6	9	7104
17.5	2239	280.4	8.8	7343
18	2312	281.3	8.6	7582
18.5	2384	283	8.3	7821
19	2457	284.8	8	8060
19.5	2530	282.7	7.9	8298
20	2603	280.6	7.9	8537
20.5	2676	276.8	7.9	8776
21	2748	273	7.9	9015
21.5	2821	264.4	7.1	9254
22	2894	254	6.5	9493
22.5	2967	240	6	9732
23	3040	224.6	5.9	9971
23.5	3113	225.1	6.2	10210

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800719 1300 87195 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	232	206.1	7.9	761
1	376	211.9	8.1	1234
1.5	520	214.3	8.2	1706
2	664	216.6	8.3	2179
2.5	808	218.4	7.9	2651
3	969	220.3	7.6	3177
3.5	1140	225.2	7	3738
4	1311	231.1	6.4	4299
4.5	1466	234.9	5.9	4807
5	1597	239.4	5.5	5239
5.5	1749	244.3	5.3	5737
6	1880	249.6	5.1	6167
6.5	2004	257.7	5.5	6573
7	2128	264.5	6	6979
7.5	2252	267	6.8	7386
8	2376	268.9	7.6	7792
8.5	2499	263.5	9	8198
9	2618	259.6	10.4	8588
9.5	2734	257.5	10.2	8966
10	2849	255.3	10.1	9345
10.5	2964	259	9.2	9723
11	3080	263.5	8.3	10102
11.5	3193	265.1	8	10474

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ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800719 1500 87196 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	220	188.3	10.3	722
1	406	194.2	9.5	1331
1.5	591	203.1	9	1939
2	777	212.7	8.8	2548
2.5	962	219.2	9	3156
3	1148	225.3	9.3	3765
3.5	1333	225.2	8.8	4373
4	1519	225.1	8.3	4982
4.5	1713	225.8	7.9	5620
5	1910	226.5	7.6	6265
5.5	2107	235.3	8	6910
6	2303	243.1	8.5	7555
6.5	2500	249	9.1	8201
7	2697	254.1	9.8	8846
7.5	2894	255.4	9.7	9491
8	3090	256.7	9.7	10136
8.5	3298	260.9	8.1	10818
9	3513	267.1	6.5	11524
9.5	3729	278.1	5	12231

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800720 500 87201 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	273.8	10.9	0
1	0	277.3	11.9	0
1.5	0	278.4	11.9	0
2	0	279.5	11.9	0
2.5	0	278.1	11.5	0
3	0	276.7	11.1	0
3.5	0	273.7	11	0
4	0	270.7	10.9	0
4.5	0	267.5	11.2	0
5	0	264.5	11.5	0
5.5	0	265.5	12.6	0
6	0	266.3	13.7	0
6.5	0	269.1	14.6	0
7	0	271.5	15.6	0
7.5	0	272.9	16.5	0
8	0	274.1	17.5	0
8.5	0	272.7	17.4	0
9	0	271.3	17.4	0
9.5	0	271.4	16.4	0
10	0	271.6	15.5	0

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FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800720 900 87203 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	268	258.3	5.5	880
1	422	273	7.9	1384
1.5	578	278.9	9.1	1896
2	734	283.5	10.3	2407
2.5	880	283.5	9.7	2886
3	1068	283.4	9.1	3504
3.5	1257	280.3	8.4	4122
4	1445	276.6	7.7	4740
4.5	1599	270.5	8.4	5245
5	1721	265.4	9.1	5644
5.5	1920	264.1	11.1	6296
6	2118	263.2	13.1	6948
6.5	2317	266.6	14	7600
7	2516	269.6	15	8252
7.5	2715	274.7	14.9	8904
8	2913	279.9	14.9	9555
8.5	3055	282.5	15.2	10020
9	3182	285	15.5	10437
9.5	3337	283.6	15.6	10945
10	3502	282.3	15.8	11487

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FLOWERFIELD BLDG 7
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DATE TIME FLT.NO. STATION
800720 1100 87204 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	251.5	7.8	0
1	0	258.5	7.1	0
1.5	0	266.3	7.1	0
2	0	273.8	7.3	0
2.5	0	277.9	8.2	0
3	0	281.2	9.2	0
3.5	0	277.2	10	0
4	0	273.8	10.9	0
4.5	0	274.9	11.4	0
5	0	275.9	11.9	0
5.5	0	279.4	12.6	0
6	0	282.6	13.3	0
6.5	0	280.1	14	0
7	0	277.8	14.7	0
7.5	0	276.7	14.9	0
8	0	275.7	15.1	0
8.5	0	277.8	14.3	0
9	0	280.2	13.6	0
9.5	0	284.4	13.1	0
10	0	289	12.7	0

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FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800720 1300 87205 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	177	240	7.1	580
1	398	244.8	7.9	1307
1.5	613	250.7	8.4	2009
2	794	256	8.9	2605
2.5	976	262.3	9.5	3202
3	1158	267.8	10.3	3798
3.5	1305	273	12	4280
4	1452	276.8	13.8	4762
4.5	1592	277.9	15.2	5221
5	1722	278.8	16.6	5647
5.5	1851	279.8	16.6	6072
6	2031	280.8	16.7	6663
6.5	2245	283.2	16.3	7364
7	2459	285.7	15.9	8065
7.5	2673	286	15.6	8766
8	2886	286.3	15.4	9467
8.5	3071	286.2	15.4	10072
9	3224	286.1	15.5	10574
9.5	3352	287.7	15.1	10995

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
80720 1500 87206 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	238	269.9	6.3	780
1	479	268.5	6.4	1571
1.5	720	276.3	7.2	2362
2	961	282.4	8.1	3153
2.5	1202	286.1	6.6	3944
3	1444	292	5.1	4735
3.5	1661	292.8	8.5	5448
4	1863	293.2	11.9	6109
4.5	2064	297.8	15.5	6770
5	2266	300.6	19.2	7432
5.5	2467	305.3	17.4	8093
6	2669	311	15.8	8754
6.5	2870	311.2	16.3	9415
7	3072	311.3	16.9	10076
7.5	3259	310.2	16.9	10688
8	3422	309.1	16.9	11224

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800721 700 87212 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	139	292.9	4.9	455
1	265	299	5.4	870
1.5	392	304.4	6.4	1285
2	519	308.3	7.4	1701
2.5	645	307.8	8.2	2116
3	772	307.4	9	2531
3.5	898	303.7	10.2	2946
4	1025	300.7	11.4	3362
4.5	1152	299.8	13.3	3777
5	1278	299.2	15.2	4192
5.5	1405	297.8	16.3	4607
6	1527	296.5	17.4	5010
6.5	1635	294.1	17.5	5364
7	1743	291.8	17.6	5718
7.5	1851	289.3	17.3	6071
8	1959	286.8	17	6425
8.5	2067	284.1	17	6779
9	2174	281.5	17.1	7132
9.5	2282	277.4	17.8	7486
10	2390	273.6	18.5	7840
10.5	2498	269.9	19.5	8194
11	2606	266.5	20.5	8547
11.5	2714	263.9	21.4	8901
12	2822	261.5	22.4	9255
12.5	2929	261.1	22.6	9608
13	3037	260.8	22.8	9962
13.5	3145	261.2	22	10316
14	3230	261.7	21.3	10595
14.5	3316	261.3	21.3	10875
15	3401	261	21.4	11154
15.5	3486	260.8	21.8	11434

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800721 1500 87216 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	254.8	6.9	0
1	0	256.3	8.3	0
1.5	0	255.1	8.5	0
2	0	253.9	8.8	0
2.5	0	251.1	8.6	0
3	0	248.2	8.4	0
3.5	0	255.1	8.5	0
4	0	261.6	8.8	0
4.5	0	275.5	10.8	0
5	0	284.6	13.3	0
5.5	0	285.9	15.3	0
6	0	286.9	17.3	0
6.5	0	285.8	17.9	0
7	0	284.8	18.6	0
7.5	0	283.3	19.2	0
8	0	281.8	19.8	0
8.5	0	280.3	20.2	0
9	0	278.9	20.7	0
9.5	0	278.1	20.6	0
10	0	277.2	20.6	0
10.5	0	275.8	20.5	0
11	0	274.4	20.5	0
11.5	0	273.6	20.9	0
12	0	272.8	21.4	0
12.5	0	272.1	21.5	0
13	0	271.5	21.7	0
13.5	0	273.1	21.6	0
14	0	274.7	21.5	0

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800722 700 87222 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	241.3	5.2	0
1	0	255.6	7.6	0
1.5	0	259.9	9.9	0
2	0	262.5	12.3	0
2.5	0	263.8	12.6	0
3	0	265.1	12.9	0
3.5	0	269	12.1	0
4	0	273.4	11.4	0
4.5	0	273.6	11.6	0
5	0	273.8	11.8	0
5.5	0	270.2	12.6	0
6	0	267	13.5	0
6.5	0	262.7	14	0
7	0	258.7	14.5	0
7.5	0	256	14.5	0
8	0	253.4	14.5	0
8.5	0	251.9	14.8	0
9	0	250.4	15.1	0
9.5	0	245.5	15.8	0
10	0	241.1	16.6	0
10.5	0	238.5	16.8	0
11	0	235.9	17.1	0

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800724 1100 807244 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	166	326.7	3.7	543
1	382	329.1	3.7	1254
1.5	599	336	3.9	1965
2	816	342	4.2	2676
2.5	1033	351.2	4.6	3387
3	1249	358.9	5	4098
3.5	1466	351	5.3	4808
4	1633	344	5.7	5357
4.5	1800	329.2	5.8	5905
5	1968	315.7	6.2	6454
5.5	2135	312.6	6.9	7002
6	2302	310.1	7.6	7551
6.5	2469	307.6	8.1	8099
7	2637	305.4	8.7	8648
7.5	2804	301.2	8.8	9196
8	2971	297.1	9	9745

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
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PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800724 1500 87246 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	191	140.4	3.2	628
1	404	99.1	1.2	1326
1.5	617	5.5	1.4	2023
2	829	342.8	3.1	2720
2.5	1042	333.6	4.1	3417
3	1255	328.1	5.2	4115
3.5	1467	336.8	5.8	4812
4	1650	343.6	6.6	5411
4.5	1832	351.4	6.8	6010
5	2015	358.7	7.1	6609
5.5	2198	359.9	7.4	7208
6	2380	.9	7.8	7807
6.5	2563	6.2	8.8	8406
7	2745	10.5	9.8	9005
7.5	2928	10.9	8.7	9604
8	3105	11.4	7.7	10184

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800725 1500 87256 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	75	272	6.8	246
1	185	270.6	6.9	607
1.5	295	272.4	6.4	968
2	405	274.6	5.9	1329
2.5	515	278.7	5.7	1690
3	625	283	5.5	2051
3.5	735	283.1	5.7	2412
4	845	283.2	6	2773
4.5	955	284	5.7	3134
5	1066	284.8	5.5	3496
5.5	1176	283.2	5.2	3857
6	1286	281.5	5	4218
6.5	1396	279.6	5	4579
7	1508	277.7	5.1	4947
7.5	1629	278.1	4.6	5344
8	1750	278.5	4.2	5741
8.5	1871	284	3.7	6138
9	1992	290.9	3.3	6535
9.5	2113	303	4.3	6932
10	2234	310.3	5.5	7329
10.5	2355	309.2	7.1	7726
11	2477	308.5	8.7	8123
11.5	2598	307.1	9.9	8520
12	2719	306	11.1	8917
12.5	2840	306.5	11.8	9314
13	2961	307	12.6	9711
13.5	3082	306.2	12.8	10108
14	3180	305.5	13	10430

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800728 500 87281 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	173	84.5	1.3	567
1	348	194	3	1141
1.5	518	201.4	5	1699
2	691	204.5	7.1	2268
2.5	868	204.1	7.2	2847
3	1050	203.7	7.4	3444
3.5	1211	205.6	7	3972
4	1386	207.7	6.7	4545
4.5	1558	202.9	7.2	5109
5	1724	198.8	7.7	5655
5.5	1879	188.5	8.5	6163
6	2024	180.2	9.6	6639
6.5	2174	172.7	10.2	7132
7	2340	166.1	11	7676
7.5	2496	163.8	11.2	8187
8	2617	161.6	11.4	8584
8.5	2730	158.2	10.5	8955
9	2849	154.2	9.7	9344
9.5	2967	153	8.4	9732
10	3085	151.5	7.2	10120

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
SITE :BOSTON
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800728 700 87282 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	157	210	3.6	515
1	252	201.4	3.6	826
1.5	346	193.9	4.7	1136
2	441	189.3	5.8	1447
2.5	536	188.6	6.5	1758
3	630	188	7.2	2068
3.5	725	188.6	6.8	2379
4	820	189.3	6.5	2690
4.5	915	190.5	6.1	3001
5	1009	191.9	5.7	3311
5.5	1104	194.1	5.2	3622
6	1199	196.8	4.8	3933
6.5	1294	200.6	4.6	4243
7	1388	204.7	4.4	4554
7.5	1483	202	4.9	4865
8	1573	199.8	5.4	5161
8.5	1657	194	7.2	5436
9	1741	190.6	9	5710
9.5	1825	186.3	10	5985
10	1909	182.7	11	6260
10.5	1992	177.2	10.8	6535
11	2076	171.6	10.7	6809
11.5	2160	170	10.9	7084
12	2244	168.5	11.1	7359
12.5	2327	168.4	10.8	7633
13	2411	168.3	10.6	7908
13.5	2495	165.6	10.1	8183
14	2578	162.6	9.6	8457
14.5	2662	158.5	9.5	8732
15	2746	154.3	9.4	9007
15.5	2830	154	8.8	9282
16	2913	153.7	8.2	9556
16.5	2997	157.5	7.5	9831
17	3081	162	6.8	10106
17.5	3163	168.5	6.6	10374
18	3237	175.4	6.5	10616

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800728 900 87283 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	94	131.6	3.6	309
1	211	137.3	3.1	692
1.5	343	148.5	2.8	1124
2	459	161.3	2.7	1506
2.5	572	178	3.5	1875
3	684	188.1	4.4	2244
3.5	794	193.5	5.3	2603
4	903	197.4	6.2	2963
4.5	996	197.4	6.2	3268
5	1065	197.4	6.2	3493
5.5	1133	194.3	5.8	3717
6	1183	190.7	5.4	3880
6.5	1252	189	4.9	4107
7	1321	186.9	4.5	4334
7.5	1390	186.5	4.4	4560
8	1459	186	4.3	4787
8.5	1537	186.5	5.1	5042
9	1628	186.8	5.9	5340
9.5	1716	185.9	6.8	5627
10	1802	185.2	7.8	5910
10.5	1897	178.4	8.7	6223
11	2028	172.9	9.7	6651
11.5	2130	170.4	10.4	6986
12	2213	168.2	11.2	7259
12.5	2267	169.9	11.4	7436
13	2338	171.6	11.6	7669
13.5	2397	171.1	11.4	7863
14	2470	170.5	11.3	8102
14.5	2543	169.2	10.9	8341
15	2616	167.7	10.5	8580
15.5	2689	168.1	9.9	8819
16	2762	168.5	9.4	9058

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800728 1100 87284 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	117	97.8	3.8	383
1	234	129.7	3.3	769
1.5	352	150.4	3.9	1155
2	470	164.5	4.8	1542
2.5	588	167	5.2	1928
3	706	169.1	5.6	2315
3.5	824	173	5.9	2702
4	941	176.6	6.2	3088
4.5	1059	180.5	6.4	3475
5	1177	184.2	6.6	3862
5.5	1295	188	6.7	4248
6	1413	191.7	6.9	4635
6.5	1531	195.1	7.1	5022
7	1638	198.3	7.4	5374
7.5	1746	198.1	7.6	5726
8	1853	198	7.8	6078
8.5	1961	192.3	8.5	6431
9	2068	187.4	9.2	6783
9.5	2175	183	10.3	7135
10	2283	179.4	11.5	7488
10.5	2390	179.7	11.5	7840
11	2498	179.9	11.6	8192
11.5	2605	178.2	10.9	8544
12	2713	176.3	10.3	8897
12.5	2820	172.1	9.9	9249
13	2927	167.5	9.5	9601

1980 NORTHEAST CORRIDOR REGIONAL
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800728 1300 87285 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	50	97.6	6.5	164
1	100	97.7	7.1	328
1.5	153	100.4	7.2	501
2	209	103	7.4	684
2.5	260	104.8	7	854
3	313	106.8	6.6	1025
3.5	364	109.8	6	1195
4	416	113.4	5.5	1366
4.5	468	117.1	5.2	1536
5	520	121.3	4.9	1707
5.5	572	125.4	4.7	1877
6	624	129.7	4.6	2048
6.5	677	139.8	4.6	2219
7	728	149.6	4.7	2389
7.5	780	154.9	5.1	2560
8	832	159.4	5.6	2730
8.5	884	161.3	5.8	2901
9	936	163.1	6.1	3071
9.5	988	164.5	6.1	3242
10	1041	165.8	6.2	3413
10.5	1093	167.8	6.5	3585
11	1145	169.6	6.9	3757
11.5	1198	174.1	7.2	3929
12	1250	178.3	7.5	4101
12.5	1303	179.8	7.4	4273
13	1355	181.4	7.4	4445
13.5	1408	180.5	7.4	4617
14	1460	179.6	7.5	4789
14.5	1513	181.8	7.6	4961
15	1572	183.9	7.7	5155
15.5	1610	186.1	7.7	5280
16	1652	188.3	7.7	5417
16.5	1696	188.4	7.9	5562
17	1740	188.5	8.2	5707
17.5	1784	189.3	8.3	5853
18	1829	190.1	8.4	5998
18.5	1873	190.8	8.2	6143
19	1917	191.5	8.1	6288
19.5	1961	192.1	8.3	6433
20	2006	192.6	8.6	6579
20.5	2050	193.1	8.9	6724
21	2094	193.6	9.2	6869
21.5	2138	193.6	9.7	7014
22	2175	193.6	10.1	7134
22.5	2201	190.7	10.9	7218
23	2226	188.3	11.8	7301

1980 NORTHEAST CORRIDOR REGIONAL
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PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800731 700 87312 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	112	274.4	5.1	366
1	190	295.7	7.1	622
1.5	268	307.4	8.8	878
2	345	315	10.8	1133
2.5	423	317	11.3	1389
3	502	318.8	11.9	1645
3.5	580	317.4	11.7	1901
4	657	315.9	11.5	2156
4.5	735	314.4	11.2	2412
5	813	312.8	11	2668
5.5	891	310.6	10.8	2924
6	969	308.4	10.6	3179
6.5	1047	305.8	10.4	3435
7	1125	303.1	10.3	3691
7.5	1203	302	10.4	3947
8	1281	301	10.6	4203
8.5	1359	300	10.6	4458
9	1437	299.1	10.6	4714
9.5	1512	295.9	10.6	4958
10	1580	292.7	10.6	5184
10.5	1650	290.5	10.6	5411
11	1719	288.3	10.6	5637
11.5	1788	286.7	10.7	5864
12	1857	285.1	10.8	6090
12.5	1926	282.4	11.7	6316
13	1995	280.1	12.6	6543
13.5	2064	277.1	13.8	6769
14	2133	274.6	15	6995
14.5	2202	272.3	15.5	7222
15	2271	270.2	16.1	7448
15.5	2340	269.3	15.9	7675
16	2409	268.3	15.7	7901
16.5	2478	268.3	15.3	8127
17	2547	268.4	15	8354
17.5	2616	268.5	14.6	8580
18	2685	268.7	14.2	8806
18.5	2754	268.6	14.2	9033
19	2823	268.6	14.3	9259
19.5	2892	267.1	14.5	9486
20	2961	265.6	14.8	9712
20.5	3030	264.2	14.9	9938
21	3099	262.8	15	10165
21.5	3174	264	15.1	10412
22	3250	265.1	15.3	10660

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800731 900 87313 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	180	302.5	1.9	589
1	366	291.2	2.6	1202
1.5	553	307.6	4.7	1814
2	715	313.6	7	2345
2.5	832	316.6	8.6	2728
3	905	318.6	10.3	2970
3.5	979	315.3	9.6	3211
4	1059	311.6	9	3474
4.5	1166	308.3	8.8	3824
5	1272	304.9	8.6	4173
5.5	1382	300.1	8.7	4534
6	1498	295.4	8.9	4913
6.5	1599	291.3	9.3	5246
7	1701	287.6	9.7	5578
7.5	1809	283	10.6	5934
8	1917	279.1	11.6	6288
8.5	2025	277.7	12.8	6643
9	2150	276.5	14.1	7053
9.5	2257	270.7	14.9	7404
10	2331	265.6	15.8	7646
10.5	2436	262.6	15.8	7991
11	2541	259.7	15.9	8336
11.5	2647	261.8	15.7	8681
12	2752	264	15.5	9026
12.5	2857	262.4	15.7	9371
13	2965	260.8	16	9726

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800731 1100 807314 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	122	282.5	5.7	400
1	251	283.8	6.2	824
1.5	381	281.9	6.1	1249
2	510	279.9	6.1	1674
2.5	640	275.4	5.8	2098
3	769	270.5	5.6	2523
3.5	898	270.3	5.8	2947
4	1028	270.2	6	3372
4.5	1157	277.3	5.6	3796
5	1287	285.4	5.3	4221
5.5	1416	289.6	5.5	4646
6	1517	293.5	5.7	4977
6.5	1576	289.3	6.6	5169
7	1634	286.1	7.6	5361
7.5	1693	285.4	8	5553
8	1752	284.8	8.5	5745
8.5	1810	284.8	8.9	5937
9	1869	284.8	9.3	6129
9.5	1927	283.3	10	6321
10	1986	282	10.7	6513
10.5	2044	280.3	11.5	6704
11	2102	278.9	12.4	6896
11.5	2161	278	13.5	7088
12	2220	277.3	14.6	7280
12.5	2278	278.7	15.3	7472
13	2337	279.9	16.1	7664
13.5	2395	280.5	15.7	7856
14	2454	281.1	15.4	8048
14.5	2512	281.5	15.3	8240
15	2571	282	15.2	8432
15.5	2629	282.4	15.8	8624
16	2688	282.8	16.4	8816
16.5	2746	279.8	16.5	9008
17	2805	276.8	16.6	9199
17.5	2863	276	16.6	9391
18	2922	275.2	16.6	9583
18.5	2980	275	16.5	9775
19	3039	274.7	16.5	9967
19.5	3097	274.9	16.2	10159
20	3153	275.2	15.9	10341

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800731 1300 87315 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	117	259.8	3.6	385
1	223	270.3	4.4	733
1.5	330	272	5.1	1082
2	436	273.3	5.8	1431
2.5	543	267.9	6.3	1780
3	649	263.3	6.8	2128
3.5	755	261.3	6.6	2477
4	859	259.3	6.5	2818
4.5	960	262.5	6.3	3148
5	1060	265.8	6.2	3477
5.5	1161	270.2	6.5	3807
6	1282	274.2	6.9	4205
6.5	1434	273.6	6.9	4704
7	1565	273.1	6.9	5132
7.5	1681	274.2	6.9	5513
8	1797	275.3	7	5893
8.5	1935	283.8	7.6	6348
9	2069	290.9	8.3	6786
9.5	2148	295.2	9.6	7046
10	2219	298.5	11	7277
10.5	2289	299	12.3	7508
11	2359	299.4	13.6	7739
11.5	2430	297.5	13.7	7970
12	2509	295.6	13.9	8230
12.5	2591	292.1	13.9	8497
13	2672	288.6	14	8763
13.5	2753	287.9	14.4	9030
14	2834	287.3	14.8	9297
14.5	2916	287.7	15.3	9564
15	2997	288	15.8	9831
15.5	3078	287.1	16	10097
16	3154	286.3	16.2	10345

1980' NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800731 1500 87316 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	208	262.1	6.9	683
1	409	264.5	6.8	1340
1.5	609	267	6.6	1998
2	809	269.7	6.5	2655
2.5	1010	273.4	6.2	3313
3	1210	277.5	5.9	3970
3.5	1411	284.1	6.6	4628
4	1566	289.4	7.3	5136
4.5	1690	303.6	9.2	5544
5	1815	312.7	11.4	5953
5.5	1939	311.3	12.4	6361
6	2064	310.2	13.5	6770
6.5	2188	303.4	14.4	7178
7	2313	297.5	15.4	7586
7.5	2438	298.4	16.3	7995
8	2562	299.2	17.3	8403
8.5	2687	298.2	16.8	8812
9	2811	297.1	16.3	9220
9.5	2936	294.6	15.6	9629
10	3060	291.9	15	10037

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800801 500 88011 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	102	248.8	4.3	334
1	191	248.8	5.4	627
1.5	271	244.3	6.1	888
2	345	240.7	6.9	1131
2.5	419	236.4	6.7	1375
3	493	231.9	6.5	1618
3.5	568	231	6.2	1864
4	644	230	6	2111
4.5	719	232.6	5.8	2357
5	794	235.3	5.7	2604
5.5	868	240.1	5.1	2848
6	943	246	4.6	3092
6.5	1017	251.2	4.4	3335
7	1091	256.7	4.3	3578
7.5	1166	259.7	4.3	3824
8	1241	262.6	4.4	4070
8.5	1316	261.8	4.6	4316
9	1391	261.1	4.9	4562
9.5	1466	261.5	5.5	4808
10	1547	261.8	6.2	5075
10.5	1630	265.1	6.8	5347
11	1713	267.8	7.5	5619
11.5	1796	271	7.7	5891
12	1879	274	8	6163
12.5	1956	272.3	8.1	6416
13	2034	270.6	8.3	6673
13.5	2113	267.9	8.7	6931
14	2190	265.4	9.2	7183
14.5	2265	267.5	9.6	7430
15	2337	269.5	10.1	7665
15.5	2409	271.6	10	7900
16	2478	273.8	10	8128
16.5	2547	272.8	9.6	8353
17	2615	271.8	9.3	8577
17.5	2691	269.3	8.8	8825
18	2766	266.5	8.3	9073
18.5	2842	266.6	7.9	9321
19	2926	266.7	7.5	9598
19.5	3013	267.5	7.1	9883
20	3094	268.3	6.7	10148
20.5	3166	269.1	6.5	10383

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800801 700 88012 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	121	236.1	3.1	396
1	205	236.1	4.3	672
1.5	289	235.2	4.8	948
2	373	234.4	5.3	1225
2.5	458	232.8	5.4	1501
3	542	231.3	5.6	1777
3.5	626	229.1	5.8	2053
4	710	227	6	2329
4.5	795	225.8	5.7	2606
5	879	224.4	5.5	2882
5.5	963	223.9	5.1	3158
6	1047	223.4	4.7	3434
6.5	1131	225.3	4.6	3711
7	1216	227.2	4.6	3987
7.5	1300	233.3	4.8	4263
8	1384	238.8	5.1	4539
8.5	1468	245.1	5.3	4816
9	1552	250.9	5.6	5090
9.5	1635	255.8	5.8	5364
10	1719	260.3	6	5638
10.5	1802	262.1	6.9	5912
11	1886	263.4	7.8	6186
11.5	1970	263	8.3	6460
12	2053	262.6	8.9	6734
12.5	2137	265.5	8.2	7009
13	2220	269	7.5	7283
13.5	2304	269	7.4	7557
14	2388	269.1	7.3	7831
14.5	2471	267.9	7.4	8105
15	2555	266.7	7.6	8379
15.5	2638	267.2	7.7	8653
16	2722	267.7	7.9	8927
16.5	2805	266.1	7.8	9201
17	2889	264.5	7.8	9475
17.5	2972	265	7.7	9749
18	3056	265.6	7.7	10023

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800801 900 808013 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	138	173.9	3.2	453
1	289	182.7	3	948
1.5	452	193.7	3.7	1481
2	617	201.2	4.4	2024
2.5	783	211.5	5.7	2567
3	931	217.8	7.1	3054
3.5	1012	222.6	7.5	3319
4	1087	226.9	7.9	3565
4.5	1161	227.1	7.6	3807
5	1234	227.4	7.3	4048
5.5	1313	227.8	7.1	4308
6	1394	228.2	6.9	4571
6.5	1474	231	6.6	4835
7	1561	234	6.4	5119
7.5	1646	244.1	6.4	5399
8	1726	254	6.5	5661
8.5	1806	259.6	6.9	5924
9	1891	264.5	7.3	6203
9.5	1980	262.3	7.4	6494
10	2068	260.1	7.6	6784
10.5	2157	259.7	7.9	7075
11	2239	259.4	8.2	7344
11.5	2321	259.9	8.2	7612
12	2407	260.4	8.3	7894
12.5	2498	260.9	8.2	8195
13	2591	261.4	8.2	8497
13.5	2682	263.4	8.2	8798
14	2774	265.5	8.2	9100
14.5	2866	269.5	8.3	9402
15	2959	273.4	8.5	9706
15.5	3052	278.6	8.8	10010
16	3140	283.4	9.1	10299
16.5	3225	286.4	9.4	10578

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800801 1100 88014 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	100	191.6	4.3	329
1	257	206.2	4.1	842
1.5	413	211.8	4.3	1354
2	569	216.8	4.6	1867
2.5	726	217.5	5.2	2380
3	882	218	5.9	2893
3.5	1038	220.7	6.6	3406
4	1195	222.9	7.3	3918
4.5	1351	224.7	7.8	4431
5	1491	226.2	8.3	4889
5.5	1563	232.8	8.2	5125
6	1634	239.4	8.3	5361
6.5	1706	249.7	8.3	5597
7	1778	259.6	8.6	5833
7.5	1850	262.2	9.1	6069
8	1922	264.5	9.7	6305
8.5	1994	264.1	10.4	6541
9	2066	263.7	11.1	6778
9.5	2138	263.7	11	7014
10	2210	263.7	10.8	7250
10.5	2282	264.9	9.9	7486
11	2354	266.3	9.1	7722
11.5	2426	268.6	9.2	7958
12	2498	270.8	9.3	8194
12.5	2570	270.7	9.5	8430
13	2642	270.6	9.7	8667
13.5	2714	271.9	9.7	8903
14	2786	273.2	9.8	9139
14.5	2858	276.7	10.1	9375
15	2930	280	10.4	9611
15.5	3002	282.4	10.2	9847
16	3074	284.8	10.1	10083

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800801 1300 88015 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	129	210	4.3	423
1	238	213.3	4.7	782
1.5	348	210	5	1141
2	457	207.1	5.4	1499
2.5	566	229.2	4.9	1858
3	676	251.7	5.3	2217
3.5	807	231.2	5.1	2646
4	937	211.4	5.5	3074
4.5	1068	198.7	6.6	3502
5	1197	189.9	7.9	3926
5.5	1325	209.5	6.9	4345
6	1452	232.1	6.9	4764
6.5	1570	234.8	6.8	5148
7	1671	237.5	6.8	5481
7.5	1773	240.1	6.9	5814
8	1867	242.6	7.1	6124
8.5	1957	244.2	7.8	6419
9	2038	245.6	8.6	6684
9.5	2104	248.3	9.2	6902
10	2163	250.6	9.8	7095
10.5	2217	254.4	9.6	7271
11	2270	258.3	9.5	7447
11.5	2324	261.7	9	7622
12	2382	265.5	8.6	7813
12.5	2447	265.5	8.7	8025
13	2512	265.5	8.7	8238
13.5	2576	266.3	9.1	8450
14	2641	267.1	9.5	8663
14.5	2705	268.8	9.7	8874
15	2770	270.4	10	9085
15.5	2834	270.6	10.4	9296
16	2879	270.8	10.8	9443
16.5	2924	271.5	10.9	9591
17	2969	272.1	11.1	9738
17.5	3014	272.8	10.7	9886
18	3059	273.5	10.3	10034
18.5	3105	273.3	10.1	10185
19	3156	273	9.9	10351

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800801 1500 88016 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	78	200.8	8.5	255
1	142	203.9	8.9	466
1.5	206	204.6	8.7	677
2	271	205.4	8.6	888
2.5	335	202.7	8	1099
3	399	199.5	7.4	1310
3.5	464	196.4	7.5	1522
4	528	193.4	7.6	1733
4.5	593	195.6	7.9	1944
5	657	197.7	8.3	2155
5.5	721	202.1	8	2366
6	786	206.9	7.7	2577
6.5	850	212.2	7	2788
7	914	218.6	6.3	2999
7.5	979	221.8	5.9	3210
8	1043	225.5	5.6	3421
8.5	1107	226.3	5.3	3632
9	1172	227.1	5.1	3844
9.5	1236	227.4	5.2	4055
10	1301	227.6	5.4	4266
10.5	1365	230.6	5.8	4477
11	1429	233.2	6.2	4688
11.5	1483	239.7	7	4863
12	1529	244.8	7.9	5014
12.5	1575	246	8.3	5166
13	1621	247	8.8	5317
13.5	1667	247.7	8.9	5468
14	1713	248.4	9	5619
14.5	1759	249.2	9.1	5771
15	1805	249.9	9.3	5922
15.5	1852	249.6	9.7	6073
16	1898	249.3	10.1	6224
16.5	1944	248	10.8	6376
17	1990	246.8	11.6	6527
17.5	2036	246	11.8	6678
18	2082	245.2	12	6829
18.5	2128	248.2	11.7	6981
19	2174	251.3	11.5	7132
19.5	2220	252.9	11.6	7283
20	2266	254.4	11.7	7434
20.5	2313	254.1	11.3	7586
21	2359	253.7	11	7737
21.5	2405	253	10.6	7888
22	2451	252.2	10.3	8040
22.5	2497	252.1	10.2	8191
23	2543	252	10.2	8342

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800802 500 88021 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	72	302.1	6.3	237
1	155	301.8	7.8	507
1.5	237	305.8	8.9	776
2	319	309	10	1046
2.5	401	312.5	9.9	1315
3	483	316	9.8	1585
3.5	565	315.6	9.2	1854
4	648	315.1	8.7	2124
4.5	730	312.7	9.3	2393
5	816	310.7	10	2675
5.5	902	307.2	10.1	2960
6	989	303.7	10.2	3245
6.5	1077	299.5	9.7	3531
7	1163	294.9	9.3	3816
7.5	1250	294.9	9.1	4101
8	1337	294.8	9	4386
8.5	1424	296.8	9	4671
9	1491	298.8	9.1	4889
9.5	1557	298.3	8.5	5108
10	1631	297.8	8	5350
10.5	1710	298.5	7.7	5608
11	1788	299.2	7.5	5866
11.5	1864	301.1	7.7	6113
12	1938	302.9	8	6357
12.5	2013	301.8	7.7	6602
13	2088	300.6	7.5	6847
13.5	2163	299.3	7.2	7094
14	2242	297.9	6.9	7355
14.5	2322	298.6	6.9	7616
15	2402	299.4	6.9	7877
15.5	2481	299.8	6.8	8138
16	2560	300.2	6.8	8398
16.5	2640	300.3	6.5	8659
17	2720	300.4	6.3	8920
17.5	2799	299.1	6.6	9181
18	2892	297.9	6.9	9486
18.5	2985	297.8	7.3	9792
19	3067	297.8	7.8	10059

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800802 700 88022 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	98	339.8	4.2	322
1	183	334.8	5.3	601
1.5	268	332.1	6.8	880
2	353	330.4	8.4	1159
2.5	439	333.9	9.2	1439
3	524	336.8	10	1718
3.5	609	339.8	9.5	1997
4	694	343.2	9.1	2276
4.5	779	342.3	8.6	2555
5	864	341.3	8.1	2835
5.5	949	339.6	7.6	3114
6	1034	337.6	7.2	3393
6.5	1120	333.3	7.2	3672
7	1205	329	7.2	3951
7.5	1290	325.3	7.1	4231
8	1375	321.4	7	4510
8.5	1455	317.6	6.7	4774
9	1529	313.4	6.4	5015
9.5	1603	310.7	6.9	5257
10	1676	308.3	7.4	5498
10.5	1750	307.8	8	5740
11	1824	307.3	8.6	5982
11.5	1897	308	8.8	6223
12	1971	308.6	9.1	6465
12.5	2045	308.2	8.7	6706
13	2118	307.7	8.4	6948
13.5	2192	308.1	8.3	7189
14	2266	308.5	8.2	7431
14.5	2339	308.6	8.1	7672
15	2413	308.8	8	7914
15.5	2486	305.4	7.5	8155
16	2560	301.5	7.1	8397
16.5	2634	300.6	7.3	8638
17	2707	299.8	7.6	8880
17.5	2781	301.9	8.1	9121
18	2855	303.7	8.6	9363
18.5	2928	303.2	8.4	9604
19	3002	302.7	8.3	9846
19.5	3080	303.2	8.4	10102
20	3164	303.7	8.6	10379

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800802 900 88023 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	99	307.9	3.8	325
1	256	325.4	4.4	841
1.5	402	340.3	5	1319
2	530	351.4	5.9	1739
2.5	658	355.4	6.5	2158
3	720	358.7	7.1	2362
3.5	784	353.7	7.1	2572
4	855	348.8	7.2	2806
4.5	927	342.2	7.4	3040
5	999	336.1	7.7	3277
5.5	1074	332.1	7.8	3522
6	1148	328.2	8	3767
6.5	1223	325.3	7.8	4012
7	1298	322.2	7.6	4257
7.5	1372	318.2	7.7	4501
8	1447	314.4	7.9	4746
8.5	1534	309.4	8.2	5033
9	1622	304.9	8.6	5319
9.5	1709	302.5	9	5606
10	1798	300.4	9.5	5899
10.5	1889	300.9	10.1	6196
11	1980	301.4	10.7	6493
11.5	2070	303	10.9	6791
12	2161	304.5	11.2	7088
12.5	2230	306.6	10.9	7314
13	2299	308.7	10.7	7540
13.5	2368	311	10.5	7766
14	2437	313.3	10.3	7992
14.5	2506	315.6	10.1	8221
15	2577	318	9.9	8453
15.5	2648	317.6	9.9	8685
16	2720	317.2	10	8922
16.5	2794	316.1	10.4	9164
17	2868	315	10.8	9406
17.5	2941	315.8	11	9648
18	3015	316.6	11.3	9889

1980 NORTHEAST CORRIDOR REGIONAL
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800802 1100 88024 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	113	302.5	1.9	372
1	244	308.5	2.7	799
1.5	374	321.2	2.9	1227
2	505	331.5	3.3	1655
2.5	635	335.7	3.1	2083
3	766	340.3	3	2511
3.5	896	327.5	4.4	2939
4	1027	321.1	6	3367
4.5	1157	319.4	7.7	3795
5	1288	318.3	9.5	4223
5.5	1418	315.6	9.3	4651
6	1511	312.7	9.1	4955
6.5	1594	309.5	9	5229
7	1678	306.3	9	5503
7.5	1761	304.3	9.2	5777
8	1845	302.5	9.5	6051
8.5	1928	300.3	9.5	6325
9	2012	298.2	9.5	6599
9.5	2095	295.1	9.9	6873
10	2179	292.2	10.4	7147
10.5	2263	290.9	11.2	7421
11	2346	289.8	12	7694
11.5	2429	290.7	12.1	7968
12	2513	291.6	12.2	8242
12.5	2596	293	12.1	8516
13	2680	294.5	12	8790
13.5	2763	294.1	11.9	9064
14	2847	293.6	11.8	9338
14.5	2930	293.6	11.6	9612
15	3014	293.5	11.5	9886
15.5	3096	294.8	11.4	10154
16	3176	296.2	11.4	10416

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
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SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800802 1300 88025 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	112	281.5	2	366
1	213	254.8	1.7	700
1.5	315	241.1	2.2	1034
2	433	232.9	2.8	1419
2.5	561	249.5	3.4	1839
3	686	260.5	4.2	2251
3.5	803	266.6	4	2633
4	920	273.4	3.8	3016
4.5	1043	275.9	3	3422
5	1172	280.2	2.2	3844
5.5	1330	288.8	4.1	4361
6	1473	292	6	4832
6.5	1616	292.3	8.9	5302
7	1769	292.4	11.9	5801
7.5	1903	290.6	12.6	6242
8	1995	289	13.4	6543
8.5	2086	287.5	13.1	6843
9	2178	285.9	12.9	7144
9.5	2252	286	12.6	7385
10	2298	286.2	12.3	7537
10.5	2344	286.5	11.9	7689
11	2391	286.8	11.6	7842
11.5	2437	286.1	11.5	7994
12	2484	285.4	11.5	8146
12.5	2530	282.2	11.5	8298
13	2581	279.1	11.6	8467
13.5	2652	276.9	11.6	8700
14	2724	274.7	11.6	8934
14.5	2795	271	11.6	9168
15	2877	267.4	11.6	9437
15.5	2969	264.9	11.8	9738
16	3067	262.4	12	10060
16.5	3151	262.1	12.1	10336
17	3235	261.8	12.3	10611

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800802 1500 88026 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	118	210	4	386
1	232	206.5	4.5	762
1.5	347	206.7	4.7	1138
2	462	206.8	4.9	1515
2.5	577	206.8	4.8	1891
3	691	206.7	4.7	2267
3.5	806	211.7	4.4	2643
4	920	217.4	4.2	3019
4.5	1035	227.6	4	3395
5	1150	238.4	4	3771
5.5	1265	246.7	4.6	4148
6	1379	253.1	5.2	4524
6.5	1484	262.4	6.1	4869
7	1576	269.2	7.1	5168
7.5	1666	275.4	8.2	5466
8	1758	280.1	9.3	5765
8.5	1849	282.1	10.6	6064
9	1940	283.7	12	6362
9.5	2031	283.4	12.7	6661
10	2122	283.1	13.4	6960
10.5	2213	283.3	13.7	7259
11	2304	283.4	14	7557
11.5	2395	282.6	14.1	7856
12	2486	281.8	14.3	8155
12.5	2577	280.8	14.3	8453
13	2668	279.9	14.3	8752
13.5	2759	278.7	14	9051
14	2850	277.4	13.8	9349
14.5	2941	274.9	13.5	9648
15	3033	272.2	13.2	9947

1980 NORTHEAST CORRIDOR REGIONAL
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800804 500 88041 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	72	281.5	4	235
1	149	285.7	3.6	490
1.5	226	288.2	3.4	740
2	299	290.9	3.3	982
2.5	373	289.3	3.3	1224
3	447	287.8	3.3	1466
3.5	521	286.3	3.3	1709
4	594	284.8	3.4	1949
4.5	666	280.4	3.7	2185
5	738	276.8	4.1	2420
5.5	812	273.9	4.9	2663
6	889	271.9	5.7	2916
6.5	966	267.9	6.2	3169
7	1043	264.5	6.8	3422
7.5	1120	261.5	7.2	3675
8	1196	258.9	7.6	3923
8.5	1266	259.2	7.9	4153
9	1337	259.4	8.2	4384
9.5	1407	260.1	8.6	4614
10	1477	260.8	9.1	4845
10.5	1548	260.2	9.7	5077
11	1619	259.6	10.4	5310
11.5	1690	257.2	11	5542
12	1760	255.1	11.7	5774
12.5	1830	253.2	12	6002
13	1897	251.4	12.3	6223
13.5	1965	249.2	12.8	6445
14	2032	247.1	13.3	6666
14.5	2100	246.3	13.6	6887
15	2167	245.6	14	7108
15.5	2237	246.6	14.2	7338
16	2318	247.5	14.5	7603
16.5	2394	247.8	14.7	7851
17	2468	248	15	8096
17.5	2543	247.8	15.3	8340
18	2617	247.6	15.6	8585
18.5	2693	248.2	15.9	8833
19	2770	248.8	16.3	9087
19.5	2848	249.6	16.3	9341
20	2925	250.5	16.3	9595
20.5	3002	249.9	16.6	9848
21	3085	249.4	16.9	10119

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
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LONGITUDE :71 04
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800804 700 88042 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	109	294.6	4.1	359
1	187	297.1	3.8	612
1.5	264	297.8	3.6	865
2	341	298.6	3.4	1118
2.5	418	292.4	3.3	1371
3	495	285.9	3.2	1625
3.5	573	283.9	3.5	1878
4	650	282.2	3.9	2131
4.5	727	285.5	4.5	2384
5	804	288.1	5.1	2637
5.5	881	284.8	5.7	2891
6	959	282.2	6.3	3144
6.5	1036	276.9	6.5	3397
7	1113	272	6.8	3650
7.5	1190	268.6	7.2	3903
8	1267	265.6	7.7	4157
8.5	1345	266	8.4	4410
9	1422	266.3	9.1	4663
9.5	1499	264	9.6	4916
10	1575	262	10.2	5167
10.5	1652	257	10.7	5419
11	1729	252.5	11.3	5670
11.5	1805	250.6	12.2	5922
12	1882	249	13.2	6174
12.5	1959	249.7	14	6425
13	2036	250.3	14.9	6677
13.5	2112	250.3	14.9	6928
14	2189	250.3	14.9	7180
14.5	2266	249.2	15	7431
15	2342	248.2	15.2	7683
15.5	2419	248.3	15.8	7935
16	2496	248.4	16.4	8186
16.5	2573	248.3	16.6	8438
17	2649	248.3	16.9	8689
17.5	2726	247.9	16.7	8941
18	2802	247.5	16.5	9192
18.5	2879	247.3	16.9	9444
19	2956	247.2	17.3	9695
19.5	3033	246.4	17.5	9947
20	3111	245.7	17.7	10205

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800804 900 88043 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	150	246	1.9	492
1	282	236.1	2.8	924
1.5	413	234.7	3.2	1356
2	545	233.7	3.7	1788
2.5	673	234.5	4.1	2209
3	775	235.1	4.5	2543
3.5	862	241	5.2	2828
4	949	245.5	5.9	3114
4.5	1036	246.5	6.2	3399
5	1122	247.4	6.5	3681
5.5	1208	246.9	6.8	3962
6	1294	246.4	7.1	4244
6.5	1380	248.9	7.7	4526
7	1466	251.1	8.3	4808
7.5	1552	254.9	8.8	5091
8	1640	258.2	9.3	5379
8.5	1734	258.4	10.3	5689
9	1829	258.5	11.3	5999
9.5	1915	257.4	12	6281
10	2001	256.5	12.7	6562
10.5	2093	257.1	13.1	6864
11	2189	257.7	13.6	7181
11.5	2281	257.2	13.9	7482
12	2366	256.8	14.2	7760
12.5	2451	257.5	14.3	8039
13	2536	258.1	14.4	8318
13.5	2621	256.8	14.8	8596
14	2705	255.6	15.2	8873
14.5	2790	254.4	15.4	9150
15	2874	253.2	15.7	9428
15.5	2959	254.2	15.7	9705
16	3043	255.3	15.7	9982

1980 NORTHEAST CORRIDOR REGIONAL
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HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800804 1100 88044 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	108	279.1	3.5	353
1	191	260	3.7	628
1.5	275	251.6	4.6	903
2	359	246	5.6	1178
2.5	443	248.2	6.3	1453
3	527	249.9	7	1728
3.5	611	252.7	7.2	2003
4	695	255.4	7.4	2278
4.5	778	257.7	7.4	2553
5	863	260	7.5	2829
5.5	946	260	7.4	3104
6	1030	259.9	7.3	3379
6.5	1114	260.5	7.4	3654
7	1198	261.1	7.5	3929
7.5	1282	264.5	7.7	4204
8	1366	267.7	7.9	4479
8.5	1449	269.9	8.6	4754
9	1528	271.8	9.3	5013
9.5	1604	271.9	10.2	5262
10	1680	272	11.2	5511
10.5	1756	271.4	11.5	5759
11	1832	270.9	11.8	6008
11.5	1907	270.1	12	6256
12	1983	269.3	12.2	6505
12.5	2059	266.5	12.5	6754
13	2135	263.8	12.8	7002
13.5	2211	261	13.1	7251
14	2286	258.3	13.5	7499
14.5	2362	259.1	13.8	7748
15	2438	259.8	14.2	7997
15.5	2514	262.2	14.6	8245
16	2590	264.5	15	8494
16.5	2665	265.6	15.6	8742
17	2741	266.6	16.3	8991
17.5	2817	264	16.8	9240
18	2893	261.6	17.4	9488
18.5	2969	258.7	17.4	9737
19	3045	255.8	17.5	9986
19.5	3118	254.2	17.2	10227
20	3183	252.5	16.9	10439

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800804 1300 88045 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	74	236.1	6.8	243
1	253	235.4	6.3	831
1.5	429	239.1	6.1	1408
2	590	243	6	1935
2.5	751	247.5	6.3	2463
3	912	251.6	6.6	2991
3.5	1113	254.6	6.4	3651
4	1325	257.7	6.2	4345
4.5	1516	267.8	6.3	4971
5	1623	277.3	6.6	5322
5.5	1719	282.1	7.8	5639
6	1801	285.6	9	5907
6.5	1880	283.3	9.6	6168
7	1951	281.2	10.2	6400
7.5	2022	280	10.7	6633
8	2093	278.9	11.2	6866
8.5	2164	277.2	11.6	7099
9	2235	275.7	12.1	7332
9.5	2306	273.3	12.4	7564
10	2378	271.1	12.7	7800
10.5	2453	270.7	12.9	8045
11	2527	270.3	13.2	8290
11.5	2602	267.4	13.2	8535
12	2668	264.5	13.2	8752
12.5	2729	263.3	13.6	8950
13	2795	262.1	14.1	9168
13.5	2870	263.9	14.8	9414
14	2945	265.6	15.5	9661
14.5	3021	267.1	16.2	9908
15	3091	268.5	16.9	10137

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800804 1500 88046 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	172	252.8	7.2	564
1	295	249.4	6.2	969
1.5	419	245.7	5.7	1374
2	542	241.3	5.2	1779
2.5	666	246	5.5	2184
3	790	250.1	5.9	2590
3.5	913	251.8	6	2995
4	1037	253.5	6.1	3400
4.5	1160	256	5.9	3805
5	1284	258.7	5.8	4210
5.5	1407	263.2	6.6	4616
6	1524	266.7	7.5	4998
6.5	1612	266.1	8.1	5287
7	1700	265.5	8.7	5577
7.5	1788	266.4	9	5866
8	1877	267.2	9.4	6156
8.5	1965	270.4	9.9	6445
9	2053	273.3	10.5	6735
9.5	2141	273.7	11.4	7024
10	2230	274	12.4	7314
10.5	2318	272.5	13.2	7604
11	2406	271.1	14	7893
11.5	2495	270.8	14	8183
12	2583	270.5	14.1	8472
12.5	2671	268.3	14.6	8762
13	2759	266.2	15.1	9051
13.5	2848	265.3	15.4	9341
14	2936	264.5	15.7	9631
14.5	3024	265.1	15.8	9920
15	3113	265.6	16	10210
15.5	3193	265.8	16.3	10473
16	3268	266	16.6	10719
16.5	3343	260.7	12.4	10965

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800805 500 88051 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	50	331.5	3.8	165
1	101	338.4	3.8	331
1.5	160	339.2	3.4	524
2	221	340.3	3	725
2.5	280	333.1	2.7	920
3	340	324.5	2.5	1115
3.5	400	315	2.5	1311
4	459	305.5	2.5	1506
4.5	515	291.3	2.6	1689
5	571	279.1	2.9	1872
5.5	627	277.4	3.6	2055
6	682	276.3	4.3	2238
6.5	738	279.4	4.8	2422
7	794	281.8	5.4	2605
7.5	850	285.6	6.3	2788
8	905	288.5	7.2	2968
8.5	961	290.2	7.8	3151
9	1020	291.6	8.4	3346
9.5	1080	289.1	8.6	3542
10	1142	286.7	8.9	3746
10.5	1205	284.3	9.3	3954
11	1269	282.1	9.7	4162
11.5	1330	280.6	9.8	4361
12	1385	279.1	9.9	4544
12.5	1441	276.7	10.1	4728
13	1498	274.4	10.3	4912
13.5	1555	272.6	10.4	5099
14	1613	270.9	10.6	5289
14.5	1670	269.3	10.6	5478
15	1728	267.7	10.6	5668
15.5	1786	267.7	10.4	5857
16	1843	267.8	10.3	6046
16.5	1901	268.8	10.7	6236
17	1959	269.8	11.2	6425
17.5	2014	268.1	11.7	6606
18	2067	266.6	12.2	6781
18.5	2120	264.5	12.2	6952
19	2166	262.5	12.3	7105
19.5	2213	259.9	12.7	7259
20	2260	257.4	13.1	7413
20.5	2307	257.1	13.7	7567
21	2354	256.9	14.3	7720
21.5	2401	259.7	14.7	7874
22	2453	262.3	15.1	8045
22.5	2506	262.9	15.1	8220
23	2561	263.4	15.2	8399

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800805 700 808052 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	91	339.8	2.1	298
1	170	350.2	1.9	559
1.5	243	352.9	1.4	797
2	315	358.1	1	1034
2.5	388	328.4	.5	1272
3	460	246	.5	1509
3.5	533	249.9	1.2	1747
4	605	250.9	1.9	1984
4.5	677	264.4	2.5	2222
5	750	272.4	3.2	2459
5.5	822	284.9	3.8	2697
6	895	293.7	4.5	2935
6.5	967	296.2	5.3	3172
7	1040	298	6.1	3410
7.5	1112	292	6.5	3647
8	1184	286.7	7	3885
8.5	1257	283.7	7.4	4122
9	1329	281	7.8	4360
9.5	1402	277.9	7.9	4597
10	1474	274.9	8.1	4835
10.5	1547	271.7	8.1	5073
11	1620	268.6	8.1	5313
11.5	1693	273.1	8.4	5553
12	1766	277.2	8.7	5794
12.5	1840	277.7	9	6034
13	1913	278.1	9.4	6274
13.5	1986	274.8	9.8	6514
14	2059	271.8	10.3	6755
14.5	2133	274.3	11.1	6995
15	2206	276.5	12	7235
15.5	2279	277.6	12.5	7475
16	2352	278.7	13.1	7716
16.5	2426	277.9	13.5	7956
17	2499	277.2	14	8196
17.5	2572	275.9	14	8436
18	2645	274.7	14.1	8677
18.5	2719	274	14.2	8917
19	2792	273.4	14.3	9157
19.5	2865	272.9	14.5	9397
20	2938	272.5	14.7	9638
20.5	3012	272.7	14.3	9878
21	3085	272.9	14	10118
21.5	3158	273.9	13.8	10358

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800805 900 808053 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	109	30	1.4	358
1	237	72.5	1.4	777
1.5	370	121.4	1.4	1212
2	493	151.5	2.1	1617
2.5	591	175.1	1.9	1940
3	672	198.8	2.1	2205
3.5	733	232.1	1.5	2405
4	804	274.7	1.7	2637
4.5	880	287.5	2.5	2887
5	958	294	3.3	3142
5.5	1027	286.5	3.9	3370
6	1097	281.2	4.6	3599
6.5	1167	275.3	4.7	3827
7	1236	269.7	4.9	4055
7.5	1306	270.6	4.8	4283
8	1375	271.5	4.8	4511
8.5	1445	275.7	4.9	4740
9	1514	279.6	5.1	4965
9.5	1581	280.4	5.6	5185
10	1647	281.1	6.2	5401
10.5	1721	275.6	6.9	5644
11	1797	271.1	7.6	5893
11.5	1873	266.5	8.1	6142
12	1946	262.5	8.6	6383
12.5	2018	261.2	8.8	6618
13	2089	259.9	9.1	6853
13.5	2161	261.9	9.8	7087
14	2232	263.7	10.5	7322
14.5	2304	267.8	11.6	7557
15	2372	271.1	12.7	7779
15.5	2439	272.6	13.4	8000
16	2507	274	14.2	8222
16.5	2574	273.4	14.2	8444
17	2642	272.8	14.2	8665
17.5	2709	272.8	14.1	8887
18	2778	272.9	14	9113
18.5	2849	273.4	14.2	9344
19	2920	273.9	14.4	9576
19.5	2989	272	14.7	9803
20	3052	270.1	15.1	10012
20.5	3116	274.4	16.2	10221
21	3181	278.1	17.4	10434
21.5	3252	281.6	17.5	10665
22	3322	285	17.6	10896

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BEUKERS LABORATORIES 'INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800805 1100 88054 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	130	151.5	1.6	426
1	232	191.2	1.7	761
1.5	334	209.9	2.1	1096
2	436	222	2.6	1430
2.5	538	226.5	2.8	1765
3	640	230.3	3.1	2100
3.5	742	236.2	3.4	2434
4	844	241.1	3.7	2769
4.5	946	245.2	4	3104
5	1048	248.8	4.3	3438
5.5	1150	248.5	4.2	3773
6	1252	248.2	4.2	4108
6.5	1354	250.6	4.3	4442
7	1456	252.9	4.4	4777
7.5	1555	256	5.5	5100
8	1639	258.1	6.6	5377
8.5	1724	261.7	7.5	5654
9	1808	264.5	8.4	5931
9.5	1893	271.1	8.9	6208
10	1977	276.8	9.6	6486
10.5	2062	276.2	10.4	6763
11	2146	275.7	11.3	7040
11.5	2231	269.4	11.8	7317
12	2315	263.8	12.5	7594
12.5	2400	267.7	13	7871
13	2484	271.3	13.6	8148
13.5	2569	276	14.1	8425
14	2653	280.3	14.6	8702
14.5	2738	278.7	14.4	8979
15	2822	277.1	14.2	9256
15.5	2907	275.9	14.4	9534
16	2991	274.8	14.7	9811
16.5	3076	274.9	15.1	10088
17	3160	274.9	15.5	10365

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ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800805 1300 808055 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	112	145	2.7	367
1	209	182.7	2.1	686
1.5	311	209.8	2.3	1019
2	412	229.7	2.8	1352
2.5	514	235.4	3	1685
3	600	240.3	3.2	1967
3.5	681	242.5	3.5	2235
4	763	244.4	3.8	2504
4.5	845	244.9	4.1	2773
5	925	245.3	4.5	3033
5.5	994	244.7	4.8	3259
6	1068	244.2	5.1	3503
6.5	1151	245.1	5.3	3775
7	1234	246	5.6	4046
7.5	1316	250.7	5.9	4318
8	1399	254.9	6.2	4589
8.5	1482	260.2	6.8	4860
9	1563	264.5	7.5	5127
9.5	1639	266.1	7.8	5375
10	1714	267.6	8.2	5623
10.5	1790	266	8.3	5871
11	1870	264.5	8.4	6132
11.5	1947	263.6	8.8	6387
12	2013	262.7	9.2	6603
12.5	2079	263.6	9.6	6819
13	2145	264.5	10	7035
13.5	2202	265.3	9.9	7221
14	2252	266.2	9.8	7387
14.5	2303	265.8	9.4	7554
15	2354	265.4	9.1	7720
15.5	2421	267.4	8.6	7940
16	2499	269.6	8.2	8196
16.5	2577	273.2	8.2	8451
17	2655	276.8	8.3	8707
17.5	2734	277.8	8.9	8968
18	2814	278.6	9.6	9231
18.5	2895	279.7	10.3	9495
19	2975	280.6	11.1	9758
19.5	3054	281.7	11.6	10017
20	3133	282.7	12.2	10275
20.5	3182	283.3	12.3	10436
21	3185	283.8	12.5	10448

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BEUKERS LABORATORIES INC
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ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800805 1500 88056 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	133	115.1	5.2	437
1	204	122.3	5	669
1.5	275	132.7	4.5	902
2	346	145.2	4.2	1134
2.5	417	164	4.2	1367
3	488	180.7	4.7	1600
3.5	559	187	5	1832
4	630	192.4	5.4	2065
4.5	700	194.5	5.1	2297
5	771	196.8	4.8	2530
5.5	842	199.3	4.8	2762
6	913	201.8	4.8	2995
6.5	984	201.1	4.8	3227
7	1055	200.4	4.9	3460
7.5	1126	203.1	5.1	3693
8	1197	205.6	5.3	3925
8.5	1268	210.7	5.6	4158
9	1338	215.2	6	4390
9.5	1409	218.7	6.2	4623
10	1480	222	6.5	4855
10.5	1553	228.4	7.1	5093
11	1630	233.8	7.8	5348
11.5	1709	239.4	8.3	5604
12	1787	244.3	8.9	5860
12.5	1865	248.7	8.9	6116
13	1943	253.1	8.9	6372
13.5	2021	258.5	8.4	6628
14	2098	264.5	8	6883
14.5	2177	266.1	7.8	7139
15	2255	267.8	7.7	7395
15.5	2333	270.7	8.2	7651
16	2411	273.3	8.7	7907
16.5	2489	276.7	9	8163
17	2566	279.9	9.4	8418
17.5	2645	279.1	9.3	8674
18	2723	278.3	9.2	8930
18.5	2801	278.9	9.4	9186
19	2879	279.4	9.7	9442
19.5	2957	280.8	9.9	9698
20	3034	282.2	10.1	9953
20.5	3113	283.7	10.2	10209
21	3187	285.1	10.4	10453

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800806 500 88061 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	96	199.2	5.8	314
1	183	216.2	6.3	600
1.5	242	225.4	6.4	793
2	297	234.1	6.7	974
2.5	346	236.1	6.3	1136
3	395	238.4	6	1294
3.5	440	237.6	6.1	1444
4	486	236.8	6.3	1595
4.5	532	238.7	6.2	1745
5	578	240.6	6.2	1896
5.5	633	243.9	5.9	2075
6	687	247.6	5.6	2254
6.5	748	247.5	5.8	2452
7	809	247.5	6	2655
7.5	872	245.1	6.4	2859
8	934	242.9	6.8	3062
8.5	995	240.2	7.3	3265
9	1057	237.9	7.9	3468
9.5	1120	237.9	7.9	3672
10	1181	237.9	7.9	3874
10.5	1241	239.4	7.8	4072
11	1303	240.9	7.7	4275
11.5	1370	238.6	8.2	4494
12	1437	236.6	8.8	4712
12.5	1503	234.1	9.3	4931
13	1558	231.9	9.8	5109
13.5	1612	230.7	10.1	5286
14	1671	229.6	10.5	5481
14.5	1730	229.1	10.7	5675
15	1790	228.7	11	5870
15.5	1849	229.1	11.4	6064
16	1908	229.5	11.8	6259
16.5	1965	229.1	12	6444
17	2021	228.7	12.3	6628
17.5	2077	228.8	12.2	6811
18	2134	229	12.1	6998
18.5	2191	228.5	12	7187
19	2249	228	11.9	7377
19.5	2309	227.6	11.7	7575
20	2370	227.1	11.6	7773
20.5	2430	228.4	11.6	7970
21	2491	229.8	11.6	8170
21.5	2552	231.5	11.8	8370
22	2613	233.1	12.1	8570
22.5	2673	232.5	12.7	8769
23	2734	232	13.4	8969

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800806 700 88062 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	123	241.3	5.2	403
1	195	240.9	6.6	641
1.5	268	240.4	7.4	879
2	341	240	8.2	1117
2.5	413	239.8	8.1	1355
3	486	239.5	8	1593
3.5	558	242.8	7.1	1831
4	631	247	6.3	2069
4.5	703	251.8	6	2307
5	776	257.2	5.7	2544
5.5	848	256.7	5.9	2782
6	921	256.3	6.2	3020
6.5	993	255.6	6.2	3258
7	1066	254.9	6.2	3496
7.5	1138	253.2	6.4	3734
8	1211	251.6	6.6	3972
8.5	1284	248.6	6.7	4210
9	1356	245.6	6.8	4447
9.5	1428	247.4	6.7	4685
10	1501	249.2	6.7	4923
10.5	1574	251.7	6.9	5162
11	1648	254	7.2	5405
11.5	1722	252.8	7.6	5648
12	1796	251.7	8	5891
12.5	1870	250.2	8.3	6134
13	1944	248.8	8.7	6377
13.5	2018	246.3	8.9	6620
14	2092	244	9.2	6863
14.5	2166	245	9.4	7106
15	2240	246	9.7	7348
15.5	2314	245.7	10	7591
16	2388	245.4	10.3	7834
16.5	2463	243	10.2	8077
17	2537	240.6	10.1	8320
17.5	2611	238.6	10.2	8563
18	2685	236.6	10.3	8806
18.5	2759	235.5	10.4	9049
19	2833	234.4	10.5	9292
19.5	2907	235	10.1	9535
20	2981	235.7	9.7	9778
20.5	3055	236.4	9.5	10021
21	3129	237.1	9.3	10264
21.5	3203	236.6	9.1	10506
22	3283	236.1	9	10768

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800806 900 88063 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	127	204.9	3.1	417
1	344	218.2	2.8	1128
1.5	503	231.9	2.6	1650
2	586	247.2	2.5	1922
2.5	671	257.1	2.3	2200
3	755	268.3	2.2	2478
3.5	840	270.3	2.1	2756
4	925	272.4	2.1	3035
4.5	1010	268.4	2.1	3313
5	1077	264.5	2.2	3531
5.5	1138	259.2	2.3	3733
6	1200	254.5	2.5	3936
6.5	1262	250.9	2.8	4139
7	1323	248	3.1	4341
7.5	1385	248.6	3.5	4544
8	1447	249.1	3.9	4747
8.5	1509	251.6	4.6	4949
9	1571	253.4	5.3	5154
9.5	1634	255	5.7	5361
10	1698	256.3	6.2	5569
10.5	1762	260.4	6.2	5780
11	1827	264.5	6.2	5994
11.5	1893	267.7	6.6	6208
12	1958	270.5	7	6421
12.5	2023	268.5	7.2	6635
13	2085	266.7	7.5	6840
13.5	2147	263.9	7.5	7043
14	2209	261.1	7.5	7245
14.5	2277	262.3	7.6	7468
15	2354	263.4	7.8	7721
15.5	2431	266.8	7.5	7973
16	2508	270.4	7.2	8226
16.5	2585	270.2	6.6	8479
17	2662	270	6.1	8732
17.5	2739	270.5	5.6	8984
18	2816	271.1	5.1	9237
18.5	2893	275.7	4.9	9490
19	2970	280.6	4.8	9742
19.5	3047	278.9	5.6	9995
20	3124	277.6	6.5	10248

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800806 1100 88064 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	103	210	3.2	339
1	175	216.9	3.4	573
1.5	238	224.8	3.5	782
2	302	232.3	3.6	990
2.5	366	237.7	4.1	1199
3	429	242	4.6	1407
3.5	492	239.3	5	1615
4	556	237	5.4	1824
4.5	620	234.4	5.2	2032
5	683	231.7	5.1	2240
5.5	747	231.2	4.6	2449
6	810	230.7	4.2	2657
6.5	873	225.8	4	2865
7	937	220.3	3.8	3074
7.5	1001	220.1	3.9	3282
8	1064	219.9	4	3491
8.5	1128	222.8	4.3	3699
9	1191	225.3	4.6	3907
9.5	1255	233.4	5	4116
10	1318	240.3	5.4	4324
10.5	1382	247	5.7	4532
11	1445	253.1	6	4741
11.5	1509	252.7	6.1	4949
12	1569	252.3	6.3	5147
12.5	1624	251.9	6.4	5328
13	1680	251.6	6.6	5510
13.5	1735	251.2	6.7	5691
14	1790	250.9	6.9	5872
14.5	1846	250.4	6.9	6054
15	1901	249.9	7	6235
15.5	1956	250.4	7.2	6416
16	2012	250.9	7.5	6598
16.5	2067	252.2	7.6	6779
17	2122	253.5	7.7	6961
17.5	2177	253.6	7.8	7142
18	2233	253.7	7.9	7323
18.5	2288	254.3	7.9	7505
19	2343	254.9	7.9	7686
19.5	2399	254.2	7.8	7868
20	2454	253.5	7.7	8049
20.5	2509	254.1	7.7	8230
21	2565	254.7	7.7	8412
21.5	2620	257.9	7.6	8593
22	2675	261.1	7.5	8775
22.5	2730	260.5	7.4	8956
23	2786	259.9	7.3	9137

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800806 1300 88065 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	97	232.6	7.8	317
1	218	232.1	6.9	715
1.5	346	230.8	6.5	1134
2	473	229.4	6.1	1553
2.5	590	232.7	6	1935
3	683	236.1	5.9	2239
3.5	773	238.4	5.8	2536
4	864	240.8	5.8	2834
4.5	955	245.3	6.2	3131
5	1044	249.2	6.7	3425
5.5	1132	255.3	7.4	3713
6	1220	260.4	8.1	4002
6.5	1308	259.5	8.4	4290
7	1405	258.7	8.7	4609
7.5	1502	257.1	8.5	4927
8	1594	255.4	8.4	5227
8.5	1671	254.7	8.2	5480
9	1745	254	8	5725
9.5	1820	256.6	7.9	5970
10	1895	259.2	7.9	6214
10.5	1969	261.3	7.8	6459
11	2044	263.4	7.8	6704
11.5	2119	261.8	7.7	6949
12	2193	260.1	7.6	7194
12.5	2261	261.1	7.4	7415
13	2317	262.2	7.2	7601
13.5	2374	271.3	6.8	7788
14	2431	281.3	6.6	7974
14.5	2488	276.1	7.3	8160
15	2545	271.9	8	8346
15.5	2613	266.5	8.2	8569
16	2683	261.5	8.5	8801
16.5	2754	263.9	7.6	9033
17	2831	267	6.8	9287
17.5	2911	270.6	6.2	9547
18	2990	274.9	5.7	9807
18.5	3069	268.1	5.8	10067
19	3148	261.6	5.9	10326

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800806 1500 88066 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	88	236.1	8	290
1	175	235	8	573
1.5	260	234.4	7.9	854
2	346	233.8	7.8	1136
2.5	432	239.8	7.4	1417
3	518	246.4	7.1	1698
3.5	604	249.1	7.2	1980
4	689	251.8	7.3	2261
4.5	775	246.8	7.2	2542
5	861	241.8	7.2	2824
5.5	947	241	7	3105
6	1032	240.2	6.8	3386
6.5	1118	247.3	6.9	3668
7	1204	254	7.2	3949
7.5	1290	260.2	7.8	4231
8	1376	265.5	8.4	4512
8.5	1461	267.5	8.6	4793
9	1550	269.3	8.9	5085
9.5	1651	269.7	9	5416
10	1752	270.1	9.1	5747
10.5	1853	269.8	8.8	6078
11	1954	269.4	8.5	6410
11.5	2055	271.6	7.7	6741
12	2156	274.2	6.9	7072
12.5	2257	274	6.6	7403
13	2358	273.8	6.4	7735
13.5	2459	271.4	6.7	8066
14	2560	269.3	7	8397
14.5	2661	269.1	7.2	8728
15	2762	269	7.5	9060
15.5	2863	268.9	7.5	9391
16	2964	268.9	7.6	9722
16.5	3065	270.9	7.8	10053
17	3166	272.8	8.1	10384

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800807 500 88071 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	135	305.2	7.6	443
1	213	316	8.1	699
1.5	291	322.2	8.2	956
2	363	328.3	8.3	1191
2.5	434	333.7	8.2	1424
3	506	339.2	8.1	1659
3.5	577	342.8	8.3	1894
4	649	346.2	8.5	2130
4.5	722	344.8	8.3	2367
5	792	343.4	8.2	2598
5.5	863	340.8	7.6	2829
6	933	337.8	7.1	3059
6.5	1003	335.6	6.5	3289
7	1073	333	6	3519
7.5	1148	330.8	5.8	3764
8	1218	328.4	5.7	3996
8.5	1286	327.6	5.7	4217
9	1353	326.9	5.8	4438
9.5	1420	328.4	5.8	4658
10	1488	330	5.8	4879
10.5	1559	327	5.9	5114
11	1632	324.1	6	5353
11.5	1699	319.6	6.4	5572
12	1766	315.7	6.8	5791
12.5	1833	314	7.1	6013
13	1905	312.4	7.5	6249
13.5	1977	311.2	7.7	6484
14	2048	310.1	8	6719
14.5	2121	310.6	8.8	6958
15	2198	311.1	9.7	7208
15.5	2274	312.3	10.3	7459
16	2351	313.4	10.9	7710
16.5	2427	314.4	10.9	7960
17	2502	315.3	11	8205
17.5	2569	315.5	11.7	8426
18	2637	315.7	12.4	8648
18.5	2710	313.1	12.4	8890
19	2794	310.5	12.4	9164
19.5	2877	308.6	11.8	9438
20	2961	306.4	11.2	9712

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800807 700 88072 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	133	302.5	7.6	436
1	217	311.2	8.9	711
1.5	301	315.9	9.8	987
2	385	319.9	10.7	1263
2.5	469	323.3	10.8	1539
3	553	326.7	11	1815
3.5	638	329.8	10.5	2091
4	722	333.2	10.1	2367
4.5	805	335.2	9.5	2642
5	890	337.4	8.9	2918
5.5	974	336.7	8.5	3194
6	1058	335.9	8.1	3470
6.5	1142	330.9	7.6	3746
7	1226	325.3	7.1	4022
7.5	1310	320.3	6.8	4297
8	1394	314.9	6.5	4573
8.5	1478	314.3	6.5	4849
9	1565	313.8	6.6	5134
9.5	1654	318	6.9	5426
10	1743	321.8	7.3	5718
10.5	1832	322.7	8	6009
11	1921	323.4	8.7	6301
11.5	2010	322.1	9.3	6592
12	2099	320.9	10	6884
12.5	2188	322.6	10	7175
13	2277	324.4	10	7467
13.5	2366	325.6	9.7	7759
14	2454	326.8	9.4	8050
14.5	2543	325.5	10.2	8342
15	2632	324.3	11	8633
15.5	2721	322.1	11.8	8925
16	2810	320.2	12.6	9217
16.5	2899	319.8	12.9	9508
17	2988	319.5	13.3	9800
17.5	3077	318.8	13.6	10091
18	3152	318.2	14	10340

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800807 900 88073 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	147	243.5	4.9	482
1	271	249.4	4.5	889
1.5	389	252.7	4.3	1275
2	487	256.3	4.1	1598
2.5	570	258.3	4.1	1868
3	652	260.4	4.1	2138
3.5	734	267.7	3.9	2408
4	816	275.9	3.7	2678
4.5	899	284.4	3.7	2948
5	981	292.9	3.7	3219
5.5	1064	298.4	4.1	3489
6	1146	302.9	4.5	3759
6.5	1237	303.9	5	4058
7	1328	304.7	5.5	4357
7.5	1420	305	6.5	4656
8	1511	305.2	7.6	4955
8.5	1598	308.4	9	5243
9	1672	310.7	10.4	5484
9.5	1762	314.4	10.5	5779
10	1857	318.1	10.6	6090
10.5	1951	321.1	10.2	6400
11	2035	324.3	9.8	6674
11.5	2118	322.7	10	6947
12	2201	321.1	10.2	7220
12.5	2285	320.1	10.8	7494
13	2368	319.2	11.5	7767
13.5	2451	319.5	12.2	8040
14	2535	319.8	12.9	8314
14.5	2618	318.1	13.3	8587
15	2701	316.6	13.8	8859
15.5	2783	315.2	13.9	9128
16	2865	313.8	14.1	9398
16.5	2947	316	14.7	9667
17	3030	318.1	15.3	9937
17.5	3112	314.5	15.2	10206
18	3196	310.8	15.2	10484

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800807 1100 88074 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	118	284.8	3.4	387
1	219	274.2	3.5	717
1.5	319	266.9	3.6	1047
2	420	260	3.7	1377
2.5	520	257.6	3.6	1707
3	621	255.2	3.6	2038
3.5	722	253.3	3.7	2368
4	823	251.5	3.9	2698
4.5	923	251.7	4.3	3028
5	1024	251.8	4.7	3358
5.5	1124	250.2	5	3688
6	1225	248.8	5.4	4018
6.5	1326	254.6	5.5	4348
7	1426	260	5.7	4678
7.5	1527	274.4	5.5	5009
8	1594	288.9	5.7	5229
8.5	1661	298	5.9	5449
9	1728	306.4	6.2	5668
9.5	1795	303.2	6.5	5888
10	1862	300.2	6.8	6108
10.5	1929	295.6	6.8	6328
11	1996	291.1	6.9	6548
11.5	2063	292	7	6768
12	2130	292.8	7.1	6988
12.5	2198	296.5	7.9	7208
13	2265	299.5	8.7	7428
13.5	2332	301.9	9.6	7648
14	2399	303.9	10.6	7868
14.5	2466	300.8	11	8088
15	2533	298	11.4	8308
15.5	2600	295.8	11.6	8528
16	2667	293.6	11.8	8748
16.5	2734	294.5	11.7	8968
17	2801	295.4	11.7	9188
17.5	2868	297.6	11.3	9408
18	2935	300	10.9	9628
18.5	3002	305.1	11.4	9848
19	3070	309.7	12	10068
19.5	3137	312.9	12.8	10288
20	3202	315.7	13.6	10503

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800807 1300 88075 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	59	306.6	6.6	195
1	120	305.9	5.3	392
1.5	199	309.7	4.9	653
2	345	314.1	4.6	1131
2.5	490	313.3	5.1	1608
3	636	312.7	5.7	2086
3.5	809	310.7	5	2653
4	982	308.1	4.3	3220
4.5	1126	308.6	3.2	3693
5	1251	309.7	2.1	4102
5.5	1375	312.6	2.4	4511
6	1500	314.8	2.7	4920
6.5	1577	313.4	3.7	5174
7	1626	312.6	4.7	5333
7.5	1647	305.3	5.7	5402
8	1665	300.2	6.8	5462
8.5	1684	296.1	7.1	5522
9	1709	292.3	7.5	5606
9.5	1765	294.4	7.6	5790
10	1821	296.5	7.8	5974
10.5	1877	299.7	8	6158
11	1934	302.7	8.3	6342
11.5	1990	304.7	8.2	6526
12	2045	306.7	8.1	6709
12.5	2102	309.3	8.1	6893
13	2158	311.8	8.2	7077
13.5	2214	310.1	8.6	7261
14	2270	308.6	9.1	7445
14.5	2326	308.9	10.2	7629
15	2382	309.1	11.3	7813
15.5	2438	311.4	11.8	7996
16	2494	313.5	12.4	8180
16.5	2528	314.5	12	8293
17	2563	315.5	11.7	8406
17.5	2597	317.4	11.7	8519
18	2632	319.3	11.7	8632
18.5	2666	321.2	11.7	8744
19	2714	323.2	11.7	8902
19.5	2762	322.9	11.8	9060
20	2810	322.6	11.9	9218
20.5	2859	321.5	12.3	9376
21	2907	320.4	12.8	9534
21.5	2955	320.6	12.9	9692
22	3003	320.7	13.1	9850
22.5	3051	321.2	12.9	10008
23	3099	321.8	12.7	10165

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800807 1500 88076 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	99	277.6	6.5	325
1	233	289.9	7.2	764
1.5	367	294.4	7.8	1204
2	501	298.3	8.4	1643
2.5	635	298.9	8.5	2082
3	769	299.5	8.7	2522
3.5	903	300.4	8.6	2961
4	1037	301.3	8.6	3400
4.5	1171	299.9	8.4	3840
5	1305	298.4	8.2	4279
5.5	1439	301.2	8.2	4719
6	1555	304	8.3	5099
6.5	1643	306.3	7.4	5390
7	1732	309.2	6.5	5681
7.5	1820	314.4	8.4	5971
8	1909	317.6	10.3	6262
8.5	1998	317.1	11.8	6553
9	2087	316.8	13.4	6844
9.5	2175	317.1	12.1	7135
10	2264	317.5	10.8	7426
10.5	2353	320.6	11.4	7717
11	2441	323.4	12	8008
11.5	2530	323.2	12.3	8299
12	2619	323.1	12.6	8590
12.5	2708	323.4	12.6	8881
13	2796	323.8	12.6	9172
13.5	2885	323.7	12.4	9463
14	2973	323.6	12.3	9753
14.5	3062	322.4	12.1	10044
15	3151	321.1	12	10335

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800808 1500 88086 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	110	250.9	10	361
1	230	261.2	10.1	755
1.5	353	264.1	10	1157
2	476	267	10	1560
2.5	598	266.9	10.2	1962
3	721	266.9	10.4	2364
3.5	844	266.7	11.4	2767
4	966	266.5	12.4	3169
4.5	1089	266.4	13.2	3571
5	1212	266.3	14.1	3974
5.5	1334	267.5	13.9	4376
6	1457	268.8	13.7	4779
6.5	1572	268.9	13.2	5157
7	1659	269.1	12.8	5442
7.5	1746	269	12.9	5727
8	1833	269	13	6012
8.5	1920	268	13	6297
9	2007	267.1	13	6582
9.5	2094	266.7	13.2	6867
10	2180	266.4	13.4	7152
10.5	2267	268.6	13.4	7437
11	2354	270.8	13.4	7722
11.5	2441	272.3	13	8006
12	2528	273.9	12.6	8291
12.5	2615	273.7	12.4	8576
13	2702	273.4	12.3	8861
13.5	2788	274.7	12.5	9146
14	2875	275.9	12.7	9431
14.5	2962	278.5	12.1	9716
15	3049	281.4	11.6	10001
15.5	3136	283.1	9.8	10286
16	3210	285.6	8.1	10528

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LONGITUDE :71 04
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PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800809 500 88091 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	110	268	9.6	362
1	203	259.2	11.1	666
1.5	271	258.1	11.8	890
2	340	257.1	12.6	1114
2.5	408	260.2	12.7	1338
3	466	263.2	12.9	1528
3.5	508	264.8	13.1	1667
4	550	266.4	13.4	1805
4.5	592	269.7	13.7	1943
5	635	272.9	14	2082
5.5	677	276.6	14.7	2220
6	719	279.9	15.5	2359
6.5	762	284.1	16.2	2500
7	806	288	17	2643
7.5	849	291.6	17.8	2785
8	893	294.9	18.6	2928
8.5	936	296.3	18.9	3071
9	980	297.7	19.3	3214
9.5	1023	299.8	19.3	3356
10	1086	301.9	19.3	3562
10.5	1153	300.6	19	3783
11	1221	299.3	18.8	4004
11.5	1288	295.9	18.5	4225
12	1355	292.3	18.2	4446
12.5	1423	291.3	18	4667
13	1474	290.2	17.9	4836
13.5	1526	289.5	17.7	5005
14	1577	288.8	17.5	5173
14.5	1629	286.9	17.3	5342
15	1684	285	17.2	5525
15.5	1741	282.7	16.7	5712
16	1798	280.3	16.2	5898
16.5	1855	278.9	16	6085
17	1912	277.4	15.8	6271
17.5	1969	275.1	15.6	6458
18	2026	272.7	15.5	6644
18.5	2083	269.5	15.3	6831
19	2139	266.2	15.2	7017
19.5	2196	265.9	15.3	7204
20	2255	265.6	15.5	7398
20.5	2318	266.7	15.6	7604
21	2382	267.7	15.8	7813
21.5	2446	268.2	16.2	8022
22	2510	268.6	16.6	8232
22.5	2573	267.6	16.4	8441
23	2637	266.6	16.3	8650

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800809 700 88092 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	82	253.1	6	268
1	166	266.2	9.8	546
1.5	252	272.7	12.4	828
2	338	276.9	15.1	1109
2.5	424	280	16	1390
3	509	282.7	16.9	1671
3.5	595	285.2	17.3	1952
4	681	287.5	17.7	2234
4.5	767	291.4	17.7	2515
5	852	295.4	17.7	2796
5.5	938	298.4	18	3077
6	1024	301.3	18.4	3358
6.5	1110	301.1	18.6	3640
7	1195	301	18.8	3921
7.5	1281	299.1	18.6	4202
8	1367	297.1	18.5	4483
8.5	1452	294.3	18	4764
9	1536	291.3	17.6	5038
9.5	1616	289.8	16.8	5300
10	1695	288.1	16.1	5561
10.5	1775	286.5	15.2	5823
11	1855	284.8	14.4	6085
11.5	1935	281.1	13.7	6347
12	2015	276.9	13	6608
12.5	2095	275.6	13	6870
13	2174	274.3	13	7132
13.5	2254	274.7	13.3	7394
14	2334	275	13.6	7655
14.5	2414	275.2	14.2	7917
15	2494	275.4	14.8	8179
15.5	2573	275.3	15.7	8441
16	2653	275.2	16.6	8702
16.5	2733	273.9	17.4	8964
17	2813	272.8	18.3	9226
17.5	2893	274	18.2	9488
18	2972	275.2	18.1	9749
18.5	3052	277.5	17.9	10011
19	3132	279.8	17.8	10273
19.5	3182	280.6	18.3	10437
20	3232	281.3	18.8	10601

1980 NORTHEAST CORRIDOR REGIONAL
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HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800809 900 88093 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	8	267	6.8	26
1	182	267.8	7.7	598
1.5	356	269.8	9.5	1169
2	532	271.2	11.3	1746
2.5	709	277	13.2	2327
3	829	281.3	15.2	2719
3.5	903	287.4	16.2	2962
4	977	292.7	17.4	3206
4.5	1052	295.3	18.3	3449
5	1126	297.7	19.3	3693
5.5	1200	299.3	20.4	3936
6	1273	300.7	21.6	4174
6.5	1344	301.5	22.4	4409
7	1416	302.2	23.3	4644
7.5	1477	302.1	23.3	4843
8	1537	302	23.4	5041
8.5	1604	300.2	22.9	5260
9	1672	298.3	22.4	5483
9.5	1740	294.6	21.6	5707
10	1808	290.7	20.9	5931
10.5	1876	289.1	20.2	6154
11	1933	287.4	19.6	6339
11.5	1986	287.9	19.3	6513
12	2039	288.5	19.1	6688
12.5	2102	289	18.9	6894
13	2165	289.6	18.7	7100
13.5	2227	288.6	18	7306
14	2290	287.5	17.3	7512
14.5	2353	286.7	16.9	7718
15	2416	285.8	16.5	7924
15.5	2481	286.8	16.4	8139
16	2558	287.9	16.3	8389
16.5	2634	287.4	16.2	8639
17	2710	286.9	16.2	8890
17.5	2787	285.9	16.1	9140
18	2863	284.8	16.1	9390
18.5	2938	283.6	15.7	9638
19	3011	282.4	15.3	9875

1980 NORTHEAST CORRIDOR REGIONAL
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LONGITUDE :71 04
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800809 1100 88094 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	108	275.3	12.6	355
1	235	274.5	12.7	771
1.5	362	275.4	12.4	1187
2	488	276.3	12.2	1602
2.5	615	278	11.7	2018
3	742	279.8	11.2	2433
3.5	869	282.5	10.9	2849
4	995	285.4	10.7	3264
4.5	1122	288.4	11	3680
5	1248	291.2	11.4	4095
5.5	1375	291.7	12.3	4511
6	1478	292.1	13.3	4849
6.5	1566	287.6	15	5135
7	1653	284	16.7	5421
7.5	1740	281	18.3	5707
8	1827	278.5	20	5993
8.5	1914	278.3	19.9	6279
9	2002	278.1	19.9	6565
9.5	2089	280.7	19.2	6851
10	2176	283.4	18.6	7136
10.5	2263	288.4	18.7	7422
11	2350	293.3	18.9	7708
11.5	2437	293.5	18.9	7994
12	2524	293.6	19	8280
12.5	2612	291.1	18.5	8566
13	2699	288.5	18	8852
13.5	2786	286.9	17.7	9138
14	2873	285.2	17.4	9424
14.5	2960	284.5	17.7	9710
15	3048	283.9	18.1	9996

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LATITUDE :42 21
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800809 1300 88095 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	140	277.8	11.5	459
1	312	274.4	12.8	1024
1.5	475	273.7	13.2	1559
2	602	273.1	13.7	1974
2.5	728	271.6	13.1	2388
3	855	269.9	12.6	2803
3.5	981	269.4	12	3218
4	1119	268.9	11.4	3669
4.5	1256	273.2	11.1	4120
5	1394	277.8	10.9	4571
5.5	1522	280.4	11	4993
6	1660	283	11.1	5445
6.5	1798	282.2	12.5	5897
7	1917	281.5	14	6289
7.5	2013	279.1	16.3	6601
8	2071	277.3	18.6	6794
8.5	2123	276.3	19.5	6964
9	2171	275.3	20.4	7120
9.5	2219	278.5	20.1	7277
10	2290	281.8	19.8	7511
10.5	2377	285.2	19.9	7795
11	2463	288.6	20.1	8079
11.5	2550	288.3	20.5	8363
12	2636	288	21	8647
12.5	2723	286.2	21.3	8931
13	2809	284.4	21.6	9215
13.5	2896	282.7	21.6	9499
14	2983	281.1	21.6	9783
14.5	3070	280.2	21.6	10070
15	3160	279.4	21.6	10366

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800809 1500 88096 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	88	262.5	8.2	289
1	177	264.5	8.4	579
1.5	265	273.3	9.6	868
2	353	280	11	1157
2.5	441	285.8	11.5	1446
3	529	291.1	12.1	1736
3.5	617	294.9	11.9	2025
4	705	298.9	11.7	2314
4.5	794	301.7	12.4	2603
5	882	304.2	13.1	2893
5.5	970	299.8	14.4	3182
6	1058	296.1	15.7	3471
6.5	1146	289.1	17.1	3760
7	1235	283.2	18.7	4050
7.5	1323	279.9	19.3	4339
8	1411	276.8	20	4628
8.5	1482	279.9	20.2	4861
9	1553	282.9	20.5	5094
9.5	1624	284.6	20.4	5326
10	1695	286.4	20.4	5559
10.5	1766	283.1	20.2	5792
11	1837	279.8	20	6025
11.5	1908	278.5	20.6	6258
12	1979	277.3	21.2	6490

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800812 500 88121 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	95	351.9	1.8	311
1	176	315.7	.6	578
1.5	257	240.8	2.2	844
2	339	232.9	4.2	1111
2.5	434	235.5	7.2	1422
3	532	236.6	10.3	1745
3.5	630	237.5	12.1	2067
4	729	238.1	13.9	2390
4.5	817	240.1	14.2	2681
5	899	242	14.6	2950
5.5	981	244.8	14.2	3219
6	1063	247.8	13.8	3488
6.5	1146	249	13.7	3758
7	1228	250.2	13.7	4027
7.5	1310	251.3	14.5	4296
8	1395	252.3	15.3	4576
8.5	1482	254.1	16.3	4860
9	1564	255.7	17.3	5129
9.5	1645	255.5	17.9	5397
10	1727	255.4	18.5	5666
10.5	1810	254	18.5	5936
11	1894	252.7	18.6	6211
11.5	1978	252.5	18.7	6487
12	2062	252.4	18.9	6762
12.5	2145	254.6	19.2	7037
13	2230	256.8	19.6	7313
13.5	2313	257.3	19.7	7588
14	2397	257.7	19.9	7863
14.5	2481	256.8	19.6	8138
15	2562	255.8	19.4	8403
15.5	2641	254	19.7	8664
16	2721	252.2	20	8926
16.5	2801	249.9	20.6	9187
17	2888	247.7	21.3	9472
17.5	2976	246.3	21.6	9761
18	3064	244.9	21.9	10051

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800812 700 88122 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	104	215	3.1	342
1	191	219.9	7.1	627
1.5	278	224.8	10.1	913
2	366	227.4	13.2	1199
2.5	452	232.7	14.8	1484
3	540	236.9	16.5	1770
3.5	627	239.5	17.2	2055
4	714	241.9	18	2341
4.5	801	241.1	17.7	2626
5	888	240.3	17.5	2912
5.5	975	240.2	16.9	3198
6	1062	240	16.3	3483
6.5	1149	240.7	16.2	3769
7	1236	241.5	16.1	4054
7.5	1323	242.6	16.3	4340
8	1410	243.6	16.5	4625
8.5	1491	245.4	16.1	4892
9	1569	247.2	15.8	5146
9.5	1647	247.6	15.6	5401
10	1724	248	15.5	5655
10.5	1802	248.6	16	5909
11	1879	249.1	16.6	6164
11.5	1957	251.3	17.1	6418
12	2034	253.4	17.6	6672
12.5	2112	253	18.5	6926
13	2189	252.7	19.4	7181
13.5	2267	249.9	20.4	7435
14	2344	247.4	21.5	7689
14.5	2422	247.7	21.4	7944
15	2499	248.1	21.4	8198
15.5	2577	249.4	21.1	8452
16	2654	250.7	20.9	8706
16.5	2732	250.5	20.8	8961
17	2809	250.2	20.8	9215
17.5	2887	249.9	20.6	9469
18	2964	249.6	20.5	9723
18.5	3042	249.5	20.3	9978
19	3122	249.3	20.2	10241

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800812 1100 88124 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	105	237.2	8.3	346
1	239	237.3	8	785
1.5	373	237.6	9.2	1224
2	507	237.9	10.5	1664
2.5	641	240.7	12.9	2103
3	775	242.6	15.4	2543
3.5	909	244.7	16.7	2982
4	1043	246.5	18.1	3421
4.5	1177	247.5	18.3	3861
5	1311	248.5	18.6	4300
5.5	1445	249.8	18.7	4740
6	1532	251	18.9	5026
6.5	1620	251.4	18.9	5312
7	1706	251.9	18.9	5597
7.5	1794	252	18	5883
8	1881	252.2	17.2	6169
8.5	1968	250.9	17.1	6455
9	2055	249.6	17.1	6741
9.5	2142	248.5	18.6	7027
10	2230	247.5	20.1	7313
10.5	2317	248.5	20.5	7599
11	2404	249.5	21	7885
11.5	2491	250.6	20.4	8171
12	2578	251.7	19.8	8457
12.5	2666	251.2	20.4	8743
13	2753	250.8	21	9029
13.5	2840	250.2	21.4	9315
14	2927	249.7	21.9	9601
14.5	3014	250.6	21.4	9887
15	3096	251.5	20.9	10156

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800812 1300 88125 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	123	237	10.2	405
1	255	238.8	10.2	837
1.5	387	240.7	10.9	1269
2	519	242.4	11.7	1702
2.5	651	243.2	12.9	2134
3	782	243.9	14.2	2566
3.5	914	244.9	14.4	2999
4	1046	245.8	14.6	3431
4.5	1178	247.7	15.4	3863
5	1310	249.4	16.3	4296
5.5	1443	250.9	17.1	4733
6	1547	252.3	18	5075
6.5	1651	252.8	17.8	5416
7	1742	253.4	17.6	5714
7.5	1818	253.5	17.7	5963
8	1885	253.5	17.8	6183
8.5	1965	253.3	18.1	6444
9	2044	253.1	18.5	6705
9.5	2125	243.5	18.2	6969
10	2207	233.9	18.5	7240
10.5	2290	243	18.3	7512
11	2373	252.1	18.5	7783
11.5	2463	260.6	19.4	8079
12	2553	268.2	20.6	8375
12.5	2644	260.1	19.2	8671
13	2734	251	18.2	8967
13.5	2822	252.3	18.3	9256
14	2909	253.6	18.5	9540

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
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SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
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HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800812 1500 88126 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	71	262.2	7.2	233
1	170	258.3	9.5	556
1.5	268	261.1	11.2	879
2	366	263.2	12.9	1201
2.5	465	265.4	13.7	1524
3	563	267.4	14.5	1847
3.5	662	266.9	14.3	2170
4	760	266.3	14.2	2492
4.5	858	266.6	14.2	2815
5	957	266.9	14.3	3138
5.5	1055	266	14.5	3461
6	1153	265.1	14.8	3783
6.5	1252	266.5	14.6	4106
7	1350	268	14.4	4429
7.5	1447	267.7	14.5	4747
8	1538	267.4	14.7	5044
8.5	1628	266	14.3	5341
9	1719	264.5	14	5638
9.5	1809	262	13.8	5935
10	1900	259.5	13.6	6233
10.5	1991	255.9	13.8	6530
11	2081	252.5	14.1	6827
11.5	2172	251.7	13.9	7124
12	2263	250.9	13.7	7421
12.5	2353	248.8	14.1	7719
13	2444	246.8	14.5	8016
13.5	2534	246.6	14.8	8313
14	2625	246.4	15.1	8610
14.5	2716	247.4	15.4	8907
15	2806	248.3	15.8	9205
15.5	2897	248.5	16.2	9502
16	2988	248.7	16.7	9799
16.5	3075	249	16.7	10087
17	3152	249.3	16.8	10337

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
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PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800813 500 88131 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	93	316.7	4.8	306
1	195	343.1	6.9	638
1.5	295	352.7	8.1	969
2	397	359.7	9.4	1301
2.5	483	.6	9.1	1583
3	558	1.6	8.9	1831
3.5	634	357.1	8.9	2080
4	710	352.6	9	2329
4.5	786	346.1	8.8	2578
5	862	339.5	8.8	2826
5.5	938	334	8.7	3075
6	1013	328.4	8.7	3324
6.5	1087	326.8	8.5	3566
7	1153	325.2	8.4	3781
7.5	1226	323.6	8.4	4021
8	1311	322.1	8.5	4300
8.5	1396	319.8	8.7	4579
9	1479	317.6	9	4850
9.5	1560	314.6	9.5	5117
10	1641	312	10.1	5384
10.5	1734	309.5	10.9	5688
11	1834	307.4	11.7	6016
11.5	1926	303.8	11.6	6317
12	2002	300.2	11.6	6565
12.5	2077	297.5	11.8	6814
13	2153	295	12.1	7062
13.5	2228	294.4	12.2	7309
14	2304	293.8	12.3	7556
14.5	2379	294.1	12.1	7803
15	2454	294.5	12	8050
15.5	2530	294.6	12.4	8298
16	2605	294.7	12.8	8545
16.5	2680	296.5	13.2	8792
17	2756	298.2	13.7	9039
17.5	2841	301.4	13.9	9320
18	2942	304.4	14.2	9651
18.5	3041	305.1	14.2	9973
19	3129	305.9	14.2	10264

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800813 700 88132 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	129	340.7	5.7	423
1	229	351.9	6.6	751
1.5	329	356.9	7.3	1079
2	429	1	8.1	1407
2.5	529	356.4	8.2	1735
3	629	351.9	8.4	2063
3.5	729	344.6	8.8	2391
4	829	338.1	9.3	2719
4.5	929	336.2	9.4	3047
5	1029	334.3	9.5	3375
5.5	1129	332.5	8.9	3703
6	1229	330.4	8.4	4031
6.5	1329	327.7	8.2	4359
7	1429	325	8.1	4687
7.5	1514	320.1	8.2	4967
8	1596	315.4	8.3	5235
8.5	1678	309.1	8.5	5503
9	1759	303.1	8.7	5771
9.5	1841	295.7	9.3	6040
10	1923	289.4	10.1	6308
10.5	2005	284.7	11.1	6576
11	2087	280.7	12.1	6844
11.5	2168	281.1	12.5	7112
12	2250	281.5	13	7380
12.5	2332	282.8	13	7648
13	2413	284.1	13.1	7916
13.5	2495	285.6	13	8184
14	2577	287.1	13	8452
14.5	2659	290.4	13.1	8720
15	2741	293.6	13.3	8989
15.5	2822	296.3	13.5	9257
16	2904	299	13.7	9525
16.5	2986	297.8	13.7	9793
17	3068	296.7	13.8	10062

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800813 900 88133 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	50	338.7	2.4	164
1	127	331.5	2.7	416
1.5	221	327.2	3	726
2	316	323.7	3.4	1036
2.5	410	323.6	3.3	1346
3	499	323.4	3.3	1636
3.5	563	325.3	3.5	1848
4	628	326.9	3.8	2060
4.5	677	327	4.9	2219
5	721	327.1	6	2365
5.5	757	325.2	6.2	2484
6	788	323.4	6.5	2585
6.5	819	321.9	6.4	2685
7	857	320.4	6.4	2812
7.5	908	321.4	6.6	2978
8	959	322.3	6.8	3144
8.5	1009	324.4	6.9	3310
9	1062	326.4	7	3484
9.5	1116	327.1	7	3659
10	1169	327.8	7.1	3834
10.5	1222	325.3	7.1	4009
11	1276	322.9	7.2	4184
11.5	1329	320.4	7.6	4359
12	1382	318.2	8	4534
12.5	1436	315.1	7.9	4709
13	1485	311.9	7.8	4870
13.5	1531	309.3	7.7	5021
14	1577	306.6	7.7	5172
14.5	1623	306.8	8.3	5324
15	1669	307	8.9	5475
15.5	1715	306.5	9.6	5626
16	1762	306.1	10.4	5778
16.5	1808	306.1	11.3	5930

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800813 1100 88134 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	64	15.7	2.2	210
1	186	20.4	1.6	610
1.5	322	10.9	1.4	1056
2	458	359.1	1.3	1502
2.5	594	340.6	1.9	1949
3	730	331.5	2.6	2395
3.5	866	323.9	2.9	2841
4	1002	318	3.3	3288
4.5	1138	306	3.2	3734
5	1274	294	3.3	4180
5.5	1411	298.9	4.4	4627
6	1504	301.8	5.6	4934
6.5	1569	307.7	7.8	5147
7	1634	311	10.1	5361
7.5	1700	309.2	10.7	5575
8	1765	307.6	11.4	5789
8.5	1830	302.2	10.7	6003
9	1895	296.1	10.1	6217
9.5	1961	292.3	10.2	6431
10	2026	288.7	10.4	6644
10.5	2091	289.5	11.1	6858
11	2156	290.2	11.9	7072
11.5	2221	290.2	12.7	7286
12	2287	290.2	13.5	7500
12.5	2352	290	14.3	7714
13	2417	289.9	15.1	7928
13.5	2482	291	15.1	8142
14	2547	292	15.2	8355
14.5	2613	292.2	14.6	8569
15	2678	292.4	14.1	8783
15.5	2743	289.6	14.7	8997
16	2808	287	15.3	9211
16.5	2873	287	16.7	9425
17	2939	287	18	9639
17.5	3004	289.7	18.4	9852
18	3069	292.2	18.9	10066

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800813 1300 88135 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	102	309.7	3.3	334
1	235	303.8	2.3	771
1.5	369	301.6	1.7	1209
2	502	297.1	1.1	1647
2.5	629	297.1	1	2062
3	727	297.1	.8	2383
3.5	824	272.7	1	2704
4	909	257.9	1.3	2980
4.5	989	259.8	1.8	3244
5	1070	260.8	2.3	3509
5.5	1150	264.5	2.7	3773
6	1231	267.2	3.1	4038
6.5	1312	264.5	3.5	4303
7	1386	262.4	3.9	4547
7.5	1457	268.4	4.4	4779
8	1530	273.2	4.9	5019
8.5	1604	278.5	5.5	5261
9	1678	282.7	6.1	5503
9.5	1752	284.8	6.7	5745
10	1826	286.6	7.4	5988
10.5	1877	289.8	8.1	6158
11	1915	292.4	8.8	6281
11.5	1952	292.1	9.2	6404
12	1990	291.8	9.6	6527
12.5	2027	291.2	9.6	6650
13	2130	290.7	9.6	6986
13.5	2248	294	9.9	7374
14	2367	297.1	10.3	7763
14.5	2485	290.3	11.1	8152
15	2604	284.5	12	8540
15.5	2722	283	12.2	8929
16	2843	281.6	12.5	9326
16.5	2943	289.5	12	9654
17	3016	298	11.7	9891
17.5	3073	300.8	12	10079
18	3133	303.4	12.4	10275

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800813 1500 88136 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	60	133.2	3.9	197
1	113	142.9	4.1	371
1.5	165	157	4.1	540
2	216	170.4	4.3	708
2.5	267	183.2	4.2	877
3	319	195.7	4.4	1045
3.5	370	204.5	4.3	1214
4	422	213.6	4.3	1383
4.5	473	217.6	4.6	1551
5	524	221.2	4.9	1720
5.5	576	221	5.3	1888
6	627	220.9	5.7	2057
6.5	678	222.4	6	2225
7	730	223.7	6.3	2394
7.5	781	224.6	6.2	2563
8	833	225.6	6.1	2731
8.5	884	225.6	6.1	2900
9	935	225.6	6.1	3068
9.5	987	226.1	6.4	3237
10	1038	226.5	6.7	3406
10.5	1090	228.5	6.6	3574
11	1141	230.6	6.6	3743
11.5	1192	229.9	6.6	3911
12	1244	229.2	6.6	4080
12.5	1295	230.5	6.5	4248
13	1347	231.9	6.5	4417
13.5	1398	234.7	6.5	4586
14	1449	237.5	6.5	4754
14.5	1505	238.6	6.5	4935
15	1563	239.6	6.6	5125
15.5	1620	244.7	6.9	5314
16	1678	249.3	7.3	5504
16.5	1736	253.5	7.7	5693
17	1794	257.3	8.1	5883
17.5	1851	256.5	8.4	6072
18	1909	255.8	8.7	6262
18.5	1967	258.6	9.3	6451
19	2025	261.1	10	6641
19.5	2082	263.7	10	6830
20	2140	266.2	10.1	7020
20.5	2198	263.6	9.4	7209
21	2256	260.7	8.8	7399
21.5	2313	265	8.5	7588
22	2371	269.6	8.2	7778
22.5	2429	279.2	9.2	7967
23	2487	286.7	10.5	8157

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800814 500 88141 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	97	5.4	7.2	319
1	157	12.5	6.3	516
1.5	208	17.9	5.5	683
2	260	25.1	4.8	852
2.5	311	28.1	4.2	1021
3	363	32.1	3.7	1191
3.5	415	34.7	3.2	1360
4	467	38.2	2.8	1532
4.5	520	35.5	2.1	1706
5	574	30	1.4	1884
5.5	629	336.8	.7	2063
6	683	277.3	1.3	2241
6.5	738	260.3	2	2420
7	792	252.5	2.8	2598
7.5	847	246.5	3.3	2777
8	901	242	3.8	2955
8.5	955	238.6	4.5	3134
9	1010	236.1	5.2	3312
9.5	1064	239.9	5.4	3491
10	1119	243.3	5.7	3670
10.5	1173	251	6	3849
11	1228	257.9	6.4	4028
11.5	1283	262	6.8	4207
12	1337	265.7	7.2	4386
12.5	1391	267.9	7.3	4561
13	1438	270.1	7.5	4716
13.5	1490	271.8	7.5	4887
14	1550	273.4	7.6	5084
14.5	1608	275.1	7.5	5275
15	1665	276.9	7.5	5462
15.5	1722	279	7.6	5649
16	1779	281	7.8	5836
16.5	1838	284.2	7.8	6029
17	1898	287.3	7.9	6225
17.5	1955	290.2	7.8	6411
18	2008	293.1	7.7	6587
18.5	2064	294.4	7.5	6770
19	2122	295.7	7.4	6959
19.5	2180	293.7	7.5	7150
20	2230	291.8	7.7	7315
20.5	2280	290.1	7.6	7480
21	2331	288.3	7.6	7645
21.5	2381	287.4	7.7	7810
22	2431	286.5	7.8	7975
22.5	2482	284.3	8.9	8140
23	2533	282.5	10	8308

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
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SITE NO. :8
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HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800814 700 88142 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	39	356.3	2.9	129
1	85	1.2	3.1	279
1.5	135	9	3	442
2	185	17	3	606
2.5	235	30	2.5	770
3	285	47.9	2.2	934
3.5	334	68.4	1.8	1097
4	384	93.8	1.8	1261
4.5	434	94.8	1.6	1425
5	484	95.9	1.5	1589
5.5	534	97.8	.9	1752
6	584	104.8	.4	1916
6.5	634	216.9	.7	2080
7	684	230.3	1.6	2244
7.5	734	235.1	2.4	2407
8	784	237.5	3.2	2571
8.5	834	240.2	3.9	2735
9	884	242	4.6	2899
9.5	934	246.6	5	3063
10	984	250.5	5.4	3226
10.5	1034	256.2	5.5	3390
11	1084	261.6	5.7	3554
11.5	1134	262.2	5.5	3718
12	1183	262.9	5.3	3881
12.5	1233	262	5	4045
13	1283	260.9	4.7	4209
13.5	1333	259.9	4.6	4373
14	1383	258.9	4.5	4536
14.5	1434	259.5	4.2	4705
15	1487	260.2	3.9	4877
15.5	1539	263.3	3.5	5049
16	1592	267.1	3.2	5222
16.5	1645	268.5	3.1	5394
17	1697	269.9	3.1	5566
17.5	1749	276.8	3.5	5738
18	1802	282.2	3.9	5910
18.5	1854	281.2	4.1	6082
19	1907	280.2	4.3	6254
19.5	1959	279.1	4.6	6427
20	2012	278.1	5	6599
20.5	2064	280.6	5.5	6771
21	2117	282.7	6.1	6943
21.5	2169	282.5	6.4	7115
22	2222	282.3	6.7	7287
22.5	2274	280.2	6.8	7460
23	2327	278.1	6.9	7632

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800814 900 88143 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	68	2.7	1.2	223
1	143	46.5	1	468
1.5	223	93.3	.9	730
2	302	124.7	1.4	991
2.5	382	138.1	1.4	1253
3	444	151.5	1.4	1456
3.5	514	173.7	1.2	1686
4	578	197.7	1.3	1895
4.5	638	216.2	1.9	2091
5	697	225.4	2.6	2286
5.5	757	232.9	2.8	2482
6	816	239.1	3.1	2678
6.5	876	249.8	3.2	2873
7	936	259.5	3.4	3069
7.5	995	263.3	3.6	3265
8	1055	266.7	3.9	3460
8.5	1112	263.4	3.8	3648
9	1169	260	3.7	3835
9.5	1226	252.8	3.6	4022
10	1284	245.1	3.5	4210
10.5	1341	241	3.7	4397
11	1406	237.3	3.9	4612
11.5	1474	248.3	3.7	4835
12	1545	260	3.7	5066
12.5	1615	272.9	4	5296
13	1684	283.4	4.5	5523
13.5	1751	282.2	5	5744
14	1818	281.3	5.6	5964
14.5	1885	276.6	6	6184
15	1953	272.4	6.4	6405
15.5	2020	269	6.5	6625
16	2087	265.8	6.6	6846
16.5	2154	266.4	6.8	7066
17	2222	266.9	7	7287
17.5	2289	269.9	7.8	7507
18	2356	272.4	8.6	7727
18.5	2423	275.2	9.1	7948
19	2490	277.6	9.7	8168
19.5	2558	279.1	9.9	8389
20	2664	280.5	10.1	8739
20.5	2781	282.2	10.3	9122
21	2898	283.9	10.6	9505
21.5	2938	285.3	10.5	9636
22	2977	286.7	10.5	9766
22.5	3017	287.2	10.2	9897
23	3057	287.8	10	10027

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800814 1100 88144 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	83	264.5	.3	271
1	162	156.7	1.7	530
1.5	240	153.8	1.9	787
2	318	151.5	2.2	1044
2.5	397	170.9	1.4	1301
3	475	217.8	1	1558
3.5	553	234.2	2.3	1815
4	631	238.6	3.7	2071
4.5	710	243.3	5.1	2328
5	788	246	6.5	2585
5.5	866	250.2	7.2	2842
6	945	253.7	7.9	3099
6.5	1023	256	7.9	3356
7	1102	258.2	8	3613
7.5	1180	258.8	8	3870
8	1258	259.3	8.1	4126
8.5	1336	260.9	8.1	4383
9	1415	262.5	8.2	4640
9.5	1493	266.5	8.6	4897
10	1559	270.1	9.1	5115
10.5	1626	273	9.4	5333
11	1692	275.7	9.8	5551
11.5	1759	276.1	9.8	5769
12	1825	276.6	9.8	5987
12.5	1892	274.8	9.5	6206
13	1959	272.8	9.2	6424
13.5	2025	271.6	9	6642
14	2091	270.3	8.8	6860
14.5	2158	269.3	8.9	7078
15	2224	268.3	9	7296
15.5	2291	269	9.4	7514
16	2357	269.7	9.8	7732
16.5	2424	272.2	9.8	7950
17	2490	274.7	9.9	8168
17.5	2557	277.8	9.2	8386
18	2623	281.3	8.6	8604
18.5	2690	280	7.9	8822
19	2756	278.4	7.3	9041
19.5	2823	276.8	7.2	9259
20	2889	275.1	7.2	9477
20.5	2956	280.3	8.1	9695
21	3022	284.5	9	9913

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800814 1300 88145 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	76	159.8	2.1	249
1	167	176.3	2.2	549
1.5	263	196.8	2.4	862
2	356	212.8	2.8	1167
2.5	445	225.7	3.3	1461
3	529	234.9	3.9	1735
3.5	604	239.8	4.9	1981
4	679	243	6	2227
4.5	752	244	6.9	2468
5	808	244.8	7.9	2651
5.5	870	244.5	8.2	2854
6	932	244.2	8.5	3058
6.5	994	246.7	8.6	3261
7	1056	249.1	8.8	3464
7.5	1119	250.5	9.1	3669
8	1181	251.8	9.4	3875
8.5	1244	252.4	9.5	4081
9	1307	253	9.6	4287
9.5	1370	252	9.4	4493
10	1433	250.9	9.3	4699
10.5	1495	249.4	9.3	4905
11	1557	248	9.3	5108
11.5	1619	250.8	9.3	5310
12	1678	253.6	9.3	5504
12.5	1737	254	9.3	5698
13	1796	254.5	9.3	5892
13.5	1855	254	9.3	6086
14	1916	253.6	9.3	6284
14.5	1978	253.2	9.3	6489
15	2040	252.8	9.4	6691
15.5	2098	255.9	8.8	6883
16	2152	259.4	8.2	7057
16.5	2204	264	7.2	7230
17	2262	269.9	6.3	7418
17.5	2320	268.8	5.9	7608
18	2378	267.5	5.6	7799
18.5	2434	266.7	5.8	7982
19	2488	265.9	6.1	8160
19.5	2542	267.7	6.5	8338
20	2596	269.3	7	8515
20.5	2655	271.3	8	8708
21	2711	272.9	9	8893
21.5	2767	274.6	10.1	9075
22	2838	275.9	11.2	9307
22.5	2912	276.6	11.9	9550
23	2986	277.2	12.7	9794

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800814 1500 88146 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	142	210	3.6	466
1	220	213.7	4.2	720
1.5	297	221.4	4.9	974
2	374	227.1	5.6	1228
2.5	452	231.5	6.5	1483
3	530	234.9	7.4	1737
3.5	607	234	8.6	1991
4	684	233.4	9.9	2245
4.5	762	235.7	10.6	2499
5	840	237.7	11.4	2754
5.5	917	240.3	11.4	3008
6	995	242.8	11.5	3262
6.5	1072	242.8	11.5	3516
7	1149	242.8	11.5	3770
7.5	1227	240.8	12	4025
8	1305	239	12.6	4279
8.5	1382	237.2	12.9	4533
9	1459	235.4	13.3	4787
9.5	1520	237.3	13	4984
10	1575	239.3	12.8	5167
10.5	1631	242.5	12.8	5349
11	1687	245.8	12.8	5532
11.5	1742	245.7	12.7	5715
12	1798	245.5	12.6	5897
12.5	1854	242.1	12.5	6080
13	1909	238.7	12.5	6263
13.5	1965	240.5	11.9	6445
14	2021	242.5	11.4	6628
14.5	2077	246	10.6	6811
15	2132	250	9.9	6993
15.5	2188	249.6	9.7	7176
16	2244	249.2	9.5	7359
16.5	2299	250	9.1	7541
17	2355	250.9	8.7	7724
17.5	2411	255.4	8.8	7907
18	2466	259.8	8.9	8089
18.5	2522	262.7	9.4	8272
19	2578	265.3	9.9	8455
19.5	2633	266.6	10.1	8637
20	2689	267.8	10.3	8820
20.5	2745	267.7	10.4	9003
21	2800	267.7	10.5	9185
21.5	2856	267	10.3	9368
22	2912	266.2	10.1	9551
22.5	2967	266.2	10	9733

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800815 500 88151 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	100	242.6	7.1	328
1	184	255.1	8.1	603
1.5	267	267.3	9.1	877
2	351	276.8	10.4	1152
2.5	435	282.7	11	1426
3	519	287.9	11.8	1701
3.5	602	287.7	11.7	1976
4	686	287.4	11.7	2250
4.5	770	283.9	11.2	2525
5	840	280.2	10.8	2756
5.5	891	276.7	10.4	2923
6	942	272.9	10.1	3090
6.5	993	269.6	9.9	3257
7	1042	266.2	9.8	3418
7.5	1091	266.6	9.9	3579
8	1140	267	10	3740
8.5	1189	269.3	10.5	3900
9	1238	271.4	11	4061
9.5	1287	269.4	11	4222
10	1380	267.5	11.1	4528
10.5	1466	267.9	11.1	4810
11	1537	268.3	11.2	5041
11.5	1624	267.1	11.6	5327
12	1711	265.9	12	5613
12.5	1798	264.5	12.7	5898
13	1885	263.2	13.4	6184
13.5	1973	267.1	14.2	6471
14	2053	270.6	15.1	6735
14.5	2106	270.5	15.4	6907
15	2158	270.4	15.8	7079
15.5	2211	269.2	16.1	7251
16	2263	268.1	16.5	7423
16.5	2339	269.2	17.1	7673
17	2416	270.2	17.7	7924
17.5	2492	269.2	17.9	8175
18	2569	268.2	18.2	8425
18.5	2645	268.4	18.5	8676
19	2721	268.5	18.8	8926
19.5	2798	267.8	19.3	9177
20	2874	267.1	19.8	9428
20.5	2951	264.7	20.5	9678
21	3027	262.5	21.2	9929
21.5	3099	262.4	22.1	10166

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800815 700 88152 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	59	254.5	5	194
1	117	258.3	6.7	385
1.5	176	269.6	7.5	576
2	234	278.3	8.6	766
2.5	292	287.8	9.1	957
3	350	296.1	9.8	1148
3.5	408	295.6	9.7	1338
4	466	295	9.6	1529
4.5	524	294.2	9.6	1720
5	582	293.4	9.7	1910
5.5	641	292.6	9.8	2101
6	698	291.9	9.9	2291
6.5	757	287.5	9.4	2482
7	815	282.6	9	2673
7.5	873	278.9	9.2	2863
8	931	275.3	9.4	3054
8.5	989	273.1	9.8	3245
9	1047	271.1	10.3	3435
9.5	1105	267.4	10.2	3626
10	1164	263.7	10.1	3817
10.5	1222	262.1	10.5	4007
11	1280	260.6	10.9	4198
11.5	1338	261.9	11.5	4389
12	1396	263.1	12.2	4579
12.5	1449	260.6	13	4753
13	1494	258.4	13.8	4901
13.5	1539	257.8	14.4	5049
14	1584	257.2	15	5197
14.5	1630	259.5	15.1	5346
15	1675	261.7	15.2	5494
15.5	1720	261.8	15.4	5642
16	1765	261.8	15.6	5790
16.5	1810	262.4	16	5938
17	1855	263	16.5	6086
17.5	1901	262.5	16.9	6234
18	1946	262.1	17.4	6383
18.5	1991	261.2	17.8	6531
19	2036	260.3	18.2	6679
19.5	2081	260.4	18.4	6827
20	2127	260.4	18.7	6975
20.5	2172	259.5	18.6	7123
21	2217	258.6	18.5	7271
21.5	2262	257.9	18.7	7420
22	2307	257.3	18.9	7568
22.5	2352	256.6	18.9	7716

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
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SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800815 900 88153 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	85	261.1	4.9	278
1	163	267.1	6.5	535
1.5	241	275.1	7.9	791
2	319	280.6	9.5	1047
2.5	398	283.4	10.6	1304
3	473	285.7	11.8	1550
3.5	534	285.8	12.3	1753
4	597	285.9	12.9	1957
4.5	659	283.9	13.5	2161
5	721	282	14.2	2365
5.5	768	278.9	13.9	2520
6	810	275.6	13.7	2658
6.5	849	275.7	13.2	2785
7	888	275.9	12.7	2912
7.5	927	274.3	12.6	3039
8	965	272.6	12.6	3166
8.5	1004	273.3	12.5	3293
9	1043	274	12.4	3420
9.5	1081	276	12.5	3547
10	1135	278	12.6	3723
10.5	1192	276.6	12.9	3911
11	1250	275.3	13.3	4100
11.5	1308	275.7	14.3	4289
12	1365	276.1	15.3	4477
12.5	1423	249.3	13.5	4666
13	1470	222	15	4820
13.5	1514	224.8	15.4	4966
14	1559	227.5	15.8	5112
14.5	1603	255	16.4	5257
15	1647	276.2	20.2	5403
15.5	1692	277.7	20.6	5549
16	1736	279.1	21	5695
16.5	1780	279.6	21.1	5840
17	1825	280.1	21.3	5986
17.5	1858	278.8	20.5	6094
18	1891	277.4	19.7	6203
18.5	1924	278	19.5	6311
19	1957	278.6	19.3	6420
19.5	1990	279	19.4	6528
20	2023	279.4	19.5	6636
20.5	2056	279	19.2	6745
21	2089	278.5	18.9	6853
21.5	2123	279.1	19	6962
22	2155	279.6	19.1	7070
22.5	2188	278.7	19.1	7178
23	2219	277.8	19.1	7279

1980 NORTHEAST CORRIDOR REGIONAL
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HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800815 1100 88154 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	78	259.1	9.4	257
1	157	269.3	10.4	515
1.5	236	276	11	773
2	315	282	11.7	1032
2.5	393	283.4	11.3	1290
3	472	284.8	11	1548
3.5	551	284.5	10.7	1807
4	630	284.2	10.5	2065
4.5	708	285	10.9	2323
5	787	285.7	11.4	2582
5.5	866	284	11.7	2840
6	945	282.3	12	3098
6.5	1023	281.6	12.4	3357
7	1102	281	12.9	3615
7.5	1181	281.1	13.3	3874
8	1260	281.2	13.8	4132
8.5	1338	282.2	14.2	4390
9	1417	283.2	14.6	4649
9.5	1492	283	14.7	4895
10	1567	282.8	14.9	5139
10.5	1641	280.5	15.1	5383
11	1716	278.3	15.4	5627
11.5	1790	275.8	15.7	5871
12	1864	273.4	16.1	6115
12.5	1939	270.7	16.2	6359
13	2013	268.1	16.3	6603
13.5	2088	265.5	16.2	6847
14	2162	262.9	16.2	7090
14.5	2236	262.4	16.1	7334
15	2310	261.9	16.1	7578
15.5	2385	262.7	16.2	7822
16	2459	263.5	16.4	8066
16.5	2534	262.3	17	8310
17	2608	261.2	17.6	8554
17.5	2682	258.4	18.5	8798
18	2757	255.8	19.4	9042
18.5	2831	255.4	19.5	9285
19	2905	255	19.6	9529
19.5	2980	257.6	19.7	9773
20	3054	260.2	19.8	10017

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800815 1300 88155 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	80	272.4	6.4	264
1	229	262.3	7.7	751
1.5	345	264	8.4	1133
2	462	265.4	9.2	1515
2.5	578	271.8	9.7	1897
3	695	277.5	10.4	2279
3.5	796	279.3	11.4	2610
4	862	280.8	12.5	2828
4.5	921	283.3	13.6	3022
5	959	285.5	14.7	3146
5.5	1005	285.7	15.2	3295
6	1055	285.9	15.7	3461
6.5	1106	284.3	15.8	3627
7	1152	282.7	15.9	3777
7.5	1196	281.5	16.3	3923
8	1270	280.3	16.8	4164
8.5	1362	278.3	16.7	4466
9	1449	276.2	16.6	4754
9.5	1531	275.8	16.4	5021
10	1612	275.4	16.3	5287
10.5	1693	275.1	16.3	5553
11	1774	274.8	16.4	5818
11.5	1853	274.5	16.1	6079
12	1933	274.1	15.9	6340
12.5	2003	272.4	15.6	6571
13	2074	270.6	15.3	6803
13.5	2145	268.5	15.9	7035
14	2221	266.5	16.5	7286
14.5	2299	264.2	17.3	7542
15	2367	262.2	18.2	7765
15.5	2433	259.1	18.9	7979
16	2498	256.3	19.6	8193
16.5	2567	255.8	20.4	8421
17	2637	255.3	21.2	8649
17.5	2707	255.9	21.6	8879
18	2777	256.5	22.1	9109
18.5	2841	257.4	21.9	9320
19	2898	258.3	21.8	9505
19.5	2954	257.6	22	9690
20	3010	256.9	22.3	9874

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800815 1500 88156 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	269.9	9.4	0
1	0	262	10	0
1.5	0	260.9	10.5	0
2	0	259.9	11	0
2.5	0	259.8	10.7	0
3	0	259.6	10.4	0
3.5	0	267.9	9.8	0
4	0	277.1	9.4	0
4.5	0	282.9	10.2	0
5	0	287.8	11.1	0
5.5	0	284.1	12	0
6	0	281	12.9	0
6.5	0	282.7	15.1	0
7	0	283.9	17.3	0
7.5	0	283.8	18.7	0
8	0	283.7	20.1	0
8.5	0	278.5	19.4	0
9	0	273	18.9	0
9.5	0	271.4	19.5	0
10	0	269.9	20.1	0
10.5	0	269.6	20.3	0

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800818 500 88181 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	145	348.8	4.1	476
1	218	356.3	2.9	714
1.5	280	350.3	2.1	917
2	341	337.9	1.4	1120
2.5	403	323.3	1.7	1322
3	465	313.2	2	1525
3.5	535	319.5	2.2	1755
4	600	324.5	2.5	1969
4.5	665	316.2	2.6	2182
5	730	308.5	2.7	2396
5.5	796	298.6	3.4	2610
6	861	292.1	4.1	2823
6.5	926	291.6	4.6	3037
7	991	291.2	5.2	3250
7.5	1056	289.8	5.3	3463
8	1120	288.5	5.4	3675
8.5	1185	286.9	5.6	3888
9	1250	285.4	5.8	4100
9.5	1314	284.5	5.6	4309
10	1377	283.6	5.4	4518
10.5	1455	287.2	5.5	4772
11	1536	290.7	5.6	5037
11.5	1607	298.4	6.3	5272
12	1679	304.4	7.1	5507
12.5	1780	306.8	7.2	5839
13	1880	309.2	7.3	6166
13.5	1937	309.9	6.7	6353
14	1994	310.8	6.1	6540
14.5	2055	309.1	5.4	6739
15	2115	306.9	4.8	6936
15.5	2174	304.2	5.5	7131
16	2238	302.1	6.3	7342
16.5	2303	306.5	7.5	7553
17	2367	309.7	8.7	7765
17.5	2432	311.6	9	7976
18	2496	313.3	9.4	8188
18.5	2561	313.9	9.7	8399
19	2625	314.5	10	8610
19.5	2690	318.3	9.7	8822
20	2754	322.2	9.5	9033
20.5	2818	324.3	8.5	9244
21	2883	326.9	7.6	9456
21.5	2947	327	7.7	9667
22	3012	327	7.8	9879
22.5	3076	328.3	8.2	10090
23	3140	329.5	8.7	10298

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800818 700 88182 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	109	23.3	2.3	358
1	199	2.7	1.5	652
1.5	275	331.2	1.2	902
2	351	297.1	1.4	1152
2.5	428	290.9	1.7	1403
3	504	286.5	2	1653
3.5	580	284.9	2.5	1903
4	656	283.8	3.1	2153
4.5	733	272.9	3.5	2403
5	809	264.5	4	2653
5.5	885	265.5	4.3	2904
6	962	266.3	4.6	3154
6.5	1038	275.6	4.9	3404
7	1114	283.6	5.4	3654
7.5	1190	285.1	5.4	3904
8	1267	286.7	5.4	4155
8.5	1343	288.9	5.6	4405
9	1419	291	5.9	4655
9.5	1495	292.2	5.8	4905
10	1572	293.5	5.7	5155
10.5	1648	300.8	5.7	5404
11	1723	307.9	5.8	5653
11.5	1800	309.1	6.1	5903
12	1876	310.2	6.4	6152
12.5	1952	302.2	6.7	6401
13	2028	295	7.2	6651
13.5	2104	295.7	7	6900
14	2180	296.4	6.9	7149
14.5	2255	307.3	7.1	7398
15	2332	317.4	7.5	7648
15.5	2408	322	8.3	7897
16	2484	325.8	9.2	8146
16.5	2559	326.2	8.3	8395
17	2636	326.8	7.5	8645
17.5	2712	327.5	6.6	8894
18	2788	328.4	5.7	9143
18.5	2864	330	5.8	9393
19	2940	331.5	5.9	9642
19.5	3016	331.5	6.4	9891
20	3091	331.5	6.9	10140

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800818 900 88183 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	109	343.4	1.5	358
1	207	312.1	1.4	678
1.5	294	302	1.6	964
2	374	294.2	1.8	1226
2.5	453	283.3	2.1	1487
3	533	275.1	2.4	1749
3.5	613	260.5	3.2	2011
4	693	252	4.1	2272
4.5	773	249.4	4.5	2534
5	852	247.2	4.9	2795
5.5	932	250.4	4.8	3057
6	1016	253.7	4.7	3332
6.5	1101	257.9	4.5	3611
7	1186	262.5	4.3	3890
7.5	1271	266.5	4.2	4169
8	1352	270.7	4.1	4434
8.5	1433	276.9	4.1	4700
9	1514	283.2	4.1	4965
9.5	1592	293.5	4.2	5221
10	1669	302.9	4.5	5474
10.5	1746	308.6	4.7	5727
11	1823	313.7	5	5980
11.5	1893	314.3	5.4	6209
12	1958	314.9	5.9	6422
12.5	2023	314.5	6.3	6635
13	2084	314.2	6.7	6837
13.5	2146	315.7	6.7	7040
14	2212	317.2	6.8	7255
14.5	2287	322.3	6.7	7501
15	2365	327.5	6.6	7756
15.5	2442	327.8	5.9	8010
16	2520	328.1	5.2	8264
16.5	2597	321.7	5	8518
17	2674	314.7	4.8	8772
17.5	2752	314.2	4.9	9027
18	2830	313.7	5	9281
18.5	2907	314.9	4.5	9535
19	2984	316.3	4.1	9789
19.5	3062	319.1	3.9	10043
20	3138	322.2	3.8	10291

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800818 1100 88184 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	102	171.9	1.8	334
1	198	204.2	1.4	651
1.5	287	225.6	1.2	941
2	376	250.9	1.2	1232
2.5	464	255.7	1.4	1523
3	553	259.3	1.6	1813
3.5	641	259.4	2.5	2104
4	730	259.5	3.4	2394
4.5	819	259.3	4	2685
5	907	259.1	4.7	2975
5.5	996	255.6	4.8	3266
6	1084	252.3	4.9	3557
6.5	1173	252	5.1	3847
7	1262	251.7	5.3	4138
7.5	1350	254.2	5.3	4428
8	1439	256.7	5.4	4719
8.5	1527	257.2	5.2	5009
9	1605	257.7	5	5266
9.5	1681	260.9	4.7	5513
10	1756	264.5	4.5	5761
10.5	1832	273.8	4.1	6008
11	1907	284.8	3.8	6256
11.5	1983	302.6	3.8	6503
12	2058	318.7	4.2	6751
12.5	2134	328.1	3.9	6998
13	2209	338.4	3.8	7246
13.5	2285	344.3	3.1	7494
14	2360	353.2	2.5	7741
14.5	2436	345.1	2.6	7989
15	2511	337.9	2.8	8236
15.5	2587	326.8	2.8	8484
16	2662	316.5	3	8731
16.5	2738	310.9	2.8	8979
17	2813	304.7	2.7	9226
17.5	2888	303.9	2.6	9474
18	2964	303.1	2.6	9721
18.5	3039	302	2.6	9969
19	3115	300.9	2.7	10217

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800818 1300 88185 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	96	84.5	2.3	316
1	206	102.5	1.4	675
1.5	335	153.1	1	1100
2	459	199.2	1.5	1505
2.5	573	214.9	2.4	1880
3	688	222	3.3	2255
3.5	797	225	3.9	2614
4	900	227.2	4.6	2951
4.5	1002	228.8	4.6	3288
5	1105	230.3	4.7	3624
5.5	1208	235.1	4.6	3963
6	1312	240.1	4.6	4303
6.5	1416	251.1	4.4	4643
7	1519	262.6	4.4	4983
7.5	1624	270.8	4.1	5327
8	1730	280.4	3.8	5673
8.5	1835	284.8	3.6	6018
9	1940	289.6	3.5	6363
9.5	2027	290.7	3.6	6647
10	2104	291.8	3.8	6902
10.5	2177	286	4	7140
11	2248	280.8	4.2	7374
11.5	2315	277.6	3.9	7592
12	2388	273.8	3.6	7833
12.5	2466	271.5	3	8090
13	2545	268	2.4	8347
13.5	2623	267.9	2.5	8604
14	2702	267.8	2.6	8861
14.5	2780	264.5	2.9	9118
15	2858	261.9	3.3	9375
15.5	2940	261.9	3.2	9642
16	3021	261.8	3.1	9910
16.5	3103	267.5	2.8	10179
17	3189	274.4	2.6	10461
17.5	3278	275.9	2.6	10753

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800818 1500 88186 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	147	103.6	5.4	482
1	221	110.4	5.4	726
1.5	296	117.6	5	970
2	370	126	4.6	1214
2.5	445	135.1	3.8	1458
3	519	148.7	3.1	1702
3.5	593	161.3	2.7	1945
4	667	177	2.5	2189
4.5	742	188.6	2.8	2433
5	816	197.7	3.2	2677
5.5	891	203.4	3.5	2921
6	965	208	3.9	3165
6.5	1039	211	3.9	3409
7	1114	213.9	4	3653
7.5	1188	218.6	4.1	3897
8	1262	223.1	4.2	4140
8.5	1337	225.9	4.4	4384
9	1411	228.4	4.7	4628
9.5	1485	229	4.8	4872
10	1561	229.6	4.9	5121
10.5	1640	228.3	5	5379
11	1719	227.1	5.1	5637
11.5	1797	230.1	5.3	5894
12	1876	232.9	5.6	6152
12.5	1954	235	5.9	6409
13	2033	236.8	6.3	6667
13.5	2111	236.4	6.4	6924
14	2190	236.1	6.5	7182
14.5	2268	236.9	5.4	7440
15	2347	238.2	4.3	7697
15.5	2425	238.9	3.2	7955
16	2504	240.3	2.2	8212
16.5	2582	245.2	2.2	8470
17	2661	249.9	2.3	8728
17.5	2739	248.5	2.4	8985
18	2818	247.2	2.5	9243
18.5	2896	246	2.3	9500
19	2975	244.6	2.2	9758
19.5	3053	248.5	2.4	10015
20	3132	251.7	2.7	10273

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800819 500 88191 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	113	206.5	4.5	369
1	210	193.9	6.8	690
1.5	305	188.2	8.7	999
2	399	184.5	10.7	1308
2.5	494	182.1	11	1619
3	591	179.8	11.4	1940
3.5	690	181.6	10.6	2262
4	788	183.7	9.8	2583
4.5	885	190	10.5	2904
5	974	195.4	11.3	3194
5.5	1060	200.6	12	3476
6	1146	205.1	12.8	3758
6.5	1232	210.9	12.7	4040
7	1318	216.8	12.7	4322
7.5	1404	218.3	12.8	4604
8	1490	219.7	12.9	4887
8.5	1583	221.1	12.4	5191
9	1677	222.6	11.9	5501
9.5	1771	225.8	11.5	5810
10	1859	229.2	11.2	6097
10.5	1918	230.9	11.3	6291
11	1977	232.5	11.4	6484
11.5	2036	233.3	11.3	6678
12	2095	234.1	11.3	6872
12.5	2154	234.7	11	7065
13	2213	235.3	10.8	7259
13.5	2272	238.3	10.4	7453
14	2332	241.5	10.1	7649
14.5	2392	251.8	10	7845
15	2452	262	10.2	8041
15.5	2511	268.9	10.6	8237
16	2571	275.2	11.1	8434
16.5	2631	275.2	10.6	8630
17	2691	275.3	10.2	8827
17.5	2753	276.8	10	9029
18	2814	278.4	9.8	9230
18.5	2876	280	9.9	9432
19	2937	281.5	10	9633
19.5	2998	279	9.7	9835
20	3060	276.3	9.4	10036
20.5	3120	274.6	9.3	10235
21	3177	272.8	9.2	10421

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800819 700 88192 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	50	163.4	6	163
1	99	167.5	7.2	325
1.5	146	170.7	8.3	480
2	189	173.2	9.5	621
2.5	232	176.5	9.1	762
3	276	180	8.7	904
3.5	319	182.5	8.5	1045
4	362	185	8.4	1186
4.5	405	186.8	9.2	1328
5	448	188.4	10	1469
5.5	491	193	10.2	1610
6	534	197.3	10.5	1752
6.5	577	200.6	10.4	1893
7	620	203.9	10.3	2034
7.5	663	206.8	9.8	2176
8	706	210	9.4	2317
8.5	750	213.4	9.2	2459
9	793	217	9	2600
9.5	836	219.1	9.1	2741
10	879	221.1	9.2	2883
10.5	922	223.8	9.1	3024
11	965	226.5	9.1	3165
11.5	1008	228.6	9.1	3307
12	1051	230.7	9.2	3448
12.5	1094	233.3	9.4	3589
13	1138	235.7	9.7	3731
13.5	1180	241.3	9.7	3872
14	1223	246.9	9.7	4013
14.5	1267	249.3	9.7	4155
15	1310	251.6	9.8	4296
15.5	1353	251	10	4437
16	1396	250.4	10.3	4579
16.5	1439	248.3	10.3	4720
17	1482	246.3	10.3	4861
17.5	1527	247.5	10.2	5007
18	1573	248.7	10.2	5160
18.5	1620	248	10.3	5312
19	1666	247.4	10.5	5464
19.5	1713	252.3	10.5	5617
20	1759	257.3	10.5	5769
20.5	1805	259.6	10.2	5921
21	1852	262	10	6074
21.5	1898	260.5	9.5	6226
22	1945	258.9	9	6378
22.5	1991	262.6	9	6531
23	2038	266.3	9.1	6683

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800819 900 88193 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	124	169.5	8	407
1	268	170.7	7.9	879
1.5	412	185.7	9.6	1351
2	533	195.8	11.7	1748
2.5	654	206.2	12.4	2144
3	774	215.3	13.4	2540
3.5	890	221.8	12	2920
4	986	229.8	10.8	3234
4.5	1082	232.5	10.8	3549
5	1178	235.3	10.8	3864
5.5	1274	239.9	10.8	4178
6	1370	244.6	10.8	4493
6.5	1466	246	10.4	4807
7	1559	247.5	10	5113
7.5	1650	247.3	9.4	5412
8	1741	247	8.8	5711
8.5	1833	249.2	8.4	6011
9	1924	251.7	8	6310
9.5	2015	251.5	7.8	6609
10	2106	251.2	7.6	6908
10.5	2198	252	7.4	7208
11	2302	252.8	7.2	7549
11.5	2414	253.5	7.3	7918
12	2527	254.2	7.4	8287
12.5	2639	256.9	7.7	8656
13	2752	259.3	8.1	9025
13.5	2864	265.5	8.4	9394
14	2980	271.3	8.7	9776

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800819 1100 88194 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	141	170.2	7.7	463
1	253	180.9	10.3	829
1.5	364	191.3	11.6	1194
2	475	199.4	13.3	1559
2.5	587	207.9	13.1	1925
3	698	216.6	13.1	2290
3.5	809	222.2	11.9	2655
4	921	229	10.9	3020
4.5	1032	235	10.1	3386
5	1144	241.9	9.5	3751
5.5	1255	244.7	9.3	4116
6	1366	247.7	9.1	4482
6.5	1478	245.3	8.7	4847
7	1576	242.7	8.3	5168
7.5	1670	240.7	8	5477
8	1764	238.5	7.7	5787
8.5	1859	241	7.5	6096
9	1953	243.5	7.4	6405
9.5	2047	245.2	7.8	6715
10	2141	246.7	8.2	7024
10.5	2236	245	8.2	7334
11	2330	243.4	8.2	7643
11.5	2425	242	7.7	7953
12	2519	240.5	7.2	8262
12.5	2613	241.1	6.8	8572
13	2708	241.8	6.5	8881
13.5	2802	239.3	5.8	9191
14	2896	236.1	5.2	9500
14.5	2991	233.5	5.1	9810
15	3085	230.7	5	10119
15.5	3170	234.9	5.5	10397
16	3252	238.4	6	10666

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800819 1300 88195 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	133	173.3	9.1	437
1	245	180.2	9.3	802
1.5	356	188.2	9.5	1167
2	467	195.7	9.9	1532
2.5	572	206.9	9.9	1876
3	677	217.6	10.3	2221
3.5	782	225.5	10.2	2565
4	880	233.5	10.2	2887
4.5	968	237.3	9.9	3176
5	1056	241.3	9.7	3464
5.5	1144	243.6	9.5	3753
6	1232	246	9.3	4041
6.5	1320	242	9	4330
7	1408	237.7	8.8	4618
7.5	1496	237.5	8.7	4907
8	1574	237.2	8.6	5164
8.5	1653	240.3	8.6	5422
9	1731	243.5	8.6	5679
9.5	1810	241.4	8.6	5937
10	1931	239.3	8.6	6333
10.5	2052	244.8	7.4	6729
11	2172	252.3	6.3	7125
11.5	2293	256.7	6	7521
12	2414	261.6	5.7	7917
12.5	2514	252.1	6.5	8246
13	2604	244.8	7.4	8542
13.5	2673	249.2	7.8	8766
14	2765	253.1	8.2	9068
14.5	2859	262.6	8.7	9379
15	2936	270.7	9.5	9629
15.5	3012	269.1	10	9878
16	3088	267.7	10.5	10128

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800819 1500 88196 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	73	180.6	4.4	241
1	159	187.8	4.7	520
1.5	251	199.3	5.5	823
2	344	207.6	6.5	1127
2.5	436	217.8	7.5	1430
3	529	225.5	8.6	1734
3.5	621	232.2	8.8	2037
4	714	238.6	9.1	2341
4.5	806	240.2	8.9	2645
5	899	241.8	8.8	2948
5.5	991	240.3	8.6	3252
6	1084	238.8	8.5	3555
6.5	1177	241.9	8.2	3859
7	1269	245.2	8	4162
7.5	1362	247.4	7.7	4466
8	1454	249.7	7.5	4769
8.5	1539	248.3	7.4	5049
9	1620	246.8	7.3	5312
9.5	1700	249.2	7.5	5575
10	1780	251.5	7.8	5839
10.5	1860	253.6	8.2	6102
11	1941	255.6	8.6	6365
11.5	2021	260.2	8.9	6629
12	2101	264.5	9.2	6892
12.5	2182	269	9.4	7156
13	2262	273.3	9.6	7419
13.5	2342	272.9	9.5	7682
14	2423	272.5	9.5	7946
14.5	2503	269.4	9.4	8209
15	2583	266.3	9.3	8473
15.5	2663	266.8	9.1	8736
16	2744	267.3	9	8999
16.5	2824	268.3	8.7	9263
17	2904	269.4	8.5	9526
17.5	2984	265.5	8.4	9789
18	3065	261.5	8.3	10053

1980 NORTHEAST CORRIDOR REGIONAL
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800820 500 88201 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	131	20.4	6.5	431
1	228	31	7.7	748
1.5	324	39.6	8.5	1064
2	421	46.5	9.5	1380
2.5	517	49.2	9.9	1696
3	613	51.7	10.3	2012
3.5	710	51.1	9	2328
4	806	50.3	7.8	2644
4.5	902	44.9	6.6	2960
5	999	37.2	5.4	3276
5.5	1095	32.9	5.4	3592
6	1179	28.6	5.5	3867
6.5	1243	30	5.4	4078
7	1308	31.5	5.3	4290
7.5	1373	27.1	5.3	4502
8	1437	22.7	5.3	4714
8.5	1505	17.9	5.2	4936
9	1574	13	5.1	5164
9.5	1644	9	4.9	5392
10	1713	4.7	4.8	5620
10.5	1785	1.1	4.4	5854
11	1863	356.7	4	6112
11.5	1942	353.3	3.3	6371
12	2021	348.3	2.7	6629
12.5	2098	345	2.3	6882
13	2169	340.5	2	7115
13.5	2241	343.3	1.9	7349
14	2312	346.5	1.8	7582
14.5	2383	351.9	1.8	7815
15	2454	357.3	1.8	8048
15.5	2520	355.8	2	8266
16	2583	354.6	2.3	8473
16.5	2645	348.6	2.8	8675
17	2707	344.5	3.4	8878
17.5	2769	339.4	3.3	9081
18	2830	334.2	3.3	9284
18.5	2892	328.2	4	9487
19	2954	324.1	4.8	9689
19.5	3016	323	5.8	9892
20	3080	322.3	6.8	10104

1980 NORTHEAST CORRIDOR REGIONAL
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PROGRAM

SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800820 700 88202 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	108	17.1	7.3	355
1	185	26.2	8.1	608
1.5	262	33.8	8.2	860
2	339	41	8.5	1112
2.5	416	45.4	8.5	1365
3	493	49.7	8.5	1617
3.5	570	48.4	8.6	1869
4	647	47.2	8.7	2121
4.5	724	46.7	8.9	2374
5	801	46.2	9.2	2626
5.5	877	47.3	9.3	2878
6	954	48.4	9.5	3130
6.5	1031	49.1	8.7	3383
7	1108	49.9	8	3635
7.5	1185	48.9	7.5	3887
8	1262	47.8	7.1	4139
8.5	1339	46.1	6.8	4392
9	1416	44.3	6.6	4644
9.5	1488	40.9	6.1	4881
10	1554	37	5.6	5096
10.5	1619	33	5.2	5311
11	1684	28.4	4.8	5525
11.5	1750	23.8	4.4	5740
12	1816	18.3	4	5955
12.5	1881	16.7	3.2	6169
13	1946	14.2	2.5	6384
13.5	2012	19.6	1.9	6599
14	2077	30	1.3	6813
14.5	2143	30	1.3	7028
15	2208	30	1.4	7243
15.5	2273	22.9	1.6	7457
16	2339	17.7	1.9	7672
16.5	2405	9.3	2.5	7887
17	2470	4.2	3.1	8101
17.5	2535	353.4	3.9	8316
18	2601	354.6	4.7	8531
18.5	2666	349.4	5	8745
19	2732	344.8	5.4	8960
19.5	2797	340.3	5.5	9175
20	2863	336.1	5.7	9389
20.5	2928	337.8	5.6	9604
21	2994	339.6	5.5	9819

1980 NORTHEAST CORRIDOR REGIONAL
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PROGRAM

SITE NO. :8
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800820 900 88203 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	17.2	8.6	0
1	0	19.4	10.4	0
1.5	0	26.6	10.3	0
2	0	33.7	10.4	0
2.5	0	47	9.8	0
3	0	61.3	9.7	0
3.5	0	62.4	10.1	0
4	0	63.4	10.6	0
4.5	0	59.1	11.3	0
5	0	55.4	12.1	0
5.5	0	50.9	12.2	0
6	0	46.5	12.4	0
6.5	0	46	11.3	0
7	0	45.4	10.2	0
7.5	0	47.2	9.2	0
8	0	49.4	8.2	0
8.5	0	44.5	7.3	0
9	0	38.4	6.5	0
9.5	0	30.6	5.7	0
10	0	20.7	5.1	0
10.5	0	14.8	4.9	0
11	0	8.6	4.8	0
11.5	0	11.3	4.4	0
12	0	14.5	4.1	0
12.5	0	19.4	3.7	0
13	0	25.4	3.4	0
13.5	0	30	3.5	0
14	0	34.3	3.6	0
14.5	0	39.5	3.7	0
15	0	44.3	3.9	0
15.5	0	44.7	4	0
16	0	45.1	4.2	0
16.5	0	39	3.9	0
17	0	32.1	3.7	0
17.5	0	30	3.9	0
18	0	28.1	4.1	0
18.5	0	31.6	5.1	0
19	0	33.9	6.1	0
19.5	0	30.6	6.3	0
20	0	27.6	6.5	0
20.5	0	19.8	6.5	0

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800820 1100 88204 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	88	16.2	5.7	290
1	158	15.7	7.7	519
1.5	223	18.5	8.9	733
2	288	20.7	10.1	946
2.5	354	28.5	10.4	1160
3	419	35.7	10.9	1374
3.5	484	45.2	10.7	1588
4	549	54.8	10.7	1802
4.5	615	59.8	10	2016
5	680	65.4	9.4	2229
5.5	745	62.5	9	2443
6	810	59.3	8.6	2657
6.5	875	56.7	8.9	2871
7	941	54.2	9.3	3085
7.5	1005	53.2	10	3298
8	1071	52.3	10.7	3512
8.5	1136	52.7	11.1	3726
9	1201	53	11.5	3940
9.5	1266	55.6	11.5	4154
10	1332	58.1	11.6	4368
10.5	1397	59.9	11.5	4581
11	1462	61.7	11.4	4795
11.5	1526	62	11.1	5004
12	1589	62.4	10.9	5213
12.5	1653	57	10.5	5421
13	1716	51.2	10.2	5629
13.5	1780	51.4	9.1	5837
14	1843	51.6	8.1	6045
14.5	1906	53.9	7.2	6253
15	1970	56.8	6.3	6461
15.5	2033	49.5	6.5	6669
16	2097	42.7	6.8	6878
16.5	2160	43.9	7.1	7086
17	2224	45	7.4	7294
17.5	2287	46.6	6.9	7502
18	2351	48.4	6.5	7710
18.5	2414	47.3	5.9	7918
19	2477	46	5.4	8126
19.5	2541	44.8	5	8334
20	2605	43.4	4.7	8543
20.5	2668	43	4.2	8751
21	2731	42.6	3.7	8959
21.5	2795	36	3.9	9167
22	2858	30	4.1	9375
22.5	2922	30	4.6	9583

1980 NORTHEAST CORRIDOR REGIONAL
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PROGRAM

SITE NO. :8
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800820 1300 88205 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	78	39.9	7.9	255
1	152	42.7	9.3	500
1.5	238	44.5	10.5	781
2	324	46	11.8	1062
2.5	409	49.4	12.9	1343
3	495	52.2	14	1625
3.5	581	55.7	14.4	1906
4	650	58.9	14.9	2133
4.5	720	61.4	14.3	2361
5	789	64	13.8	2588
5.5	858	62.8	13.3	2815
6	928	61.5	12.8	3043
6.5	997	59.4	12.5	3270
7	1064	57.2	12.2	3490
7.5	1131	55.9	12	3710
8	1198	54.6	11.8	3930
8.5	1265	53.8	11.9	4150
9	1332	53.1	12.1	4370
9.5	1392	55.3	12	4566
10	1423	57.6	12	4666
10.5	1453	58.8	11.5	4765
11	1516	60.2	11.1	4972
11.5	1601	61.2	10.8	5251
12	1686	62.2	10.5	5530
12.5	1771	62.9	10.4	5809
13	1856	63.6	10.3	6088
13.5	1936	62.8	9.9	6350
14	2010	61.9	9.5	6594
14.5	2085	56.4	8.9	6839
15	2167	50.1	8.3	7108
15.5	2251	42.9	8.2	7383
16	2315	35.7	8.2	7594
16.5	2380	34.1	8.6	7805
17	2447	32.6	9.1	8027
17.5	2521	31.3	9.2	8268
18	2594	30	9.4	8509
18.5	2668	28.7	9.2	8750
19	2741	27.4	9.1	8990
19.5	2809	28.2	8.6	9215
20	2870	29	8.2	9414
20.5	2931	31.5	7.4	9614
21	2992	34.6	6.7	9814
21.5	3053	36.9	6.7	10013
22	3111	39.2	6.8	10204

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800820 1500 88206 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	184.8	9	0
1	0	171.5	8.1	0
1.5	0	132.6	6.6	0
2	0	96.3	8.6	0
2.5	0	81.9	11.4	0
3	0	73.5	14.6	0
3.5	0	75.6	13.7	0
4	0	77.9	12.8	0
4.5	0	76.4	12	0
5	0	74.7	11.2	0
5.5	0	71.9	11.5	0
6	0	69.3	11.8	0
6.5	0	67.8	12.3	0
7	0	66.5	12.8	0
7.5	0	67.1	12.9	0
8	0	67.6	13.1	0
8.5	0	70.9	13.4	0
9	0	74	13.7	0
9.5	0	75	13.8	0
10	0	76	14	0
10.5	0	72.5	13.1	0
11	0	68.5	12.2	0
11.5	0	65.3	11.4	0
12	0	61.7	10.6	0
12.5	0	59.6	9.9	0
13	0	57.1	9.3	0
13.5	0	51.5	8.9	0
14	0	45.5	8.6	0
14.5	0	41.4	8.9	0
15	0	37.6	9.2	0
15.5	0	33	9	0
16	0	28.2	8.8	0
16.5	0	24.4	8.5	0
17	0	20.4	8.2	0
17.5	0	18.3	8.4	0
18	0	16.4	8.7	0
18.5	0	14.5	8.9	0
19	0	12.6	9.1	0
19.5	0	11.5	9.2	0
20	0	10.4	9.3	0
20.5	0	9.5	8.7	0
21	0	8.5	8.2	0
21.5	0	4.9	7.5	0
22	0	.7	6.9	0
22.5	0	357.9	6.9	0

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800821 500 88211 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	88	36.3	7.5	290
1	202	46	11.8	664
1.5	323	52.7	14.1	1059
2	443	57.5	16.5	1454
2.5	564	61.5	16.4	1849
3	674	65.6	16.3	2211
3.5	748	66.2	15.8	2455
4	824	66.8	15.4	2702
4.5	899	66.1	15.8	2950
5	975	65.4	16.2	3197
5.5	1050	65.2	16.2	3445
6	1126	64.9	16.2	3693
6.5	1201	64.5	15.2	3940
7	1277	64.1	14.3	4188
7.5	1352	63.9	13.7	4435
8	1428	63.7	13.2	4683
8.5	1504	64.6	13.1	4932
9	1580	65.5	13.1	5183
9.5	1657	67.8	13.5	5434
10	1734	69.9	14	5686
10.5	1810	72.9	14.7	5937
11	1887	75.7	15.4	6188
11.5	1963	78.1	15.8	6439
12	2040	80.4	16.2	6690
12.5	2115	81.1	15.9	6938
13	2186	81.8	15.6	7171
13.5	2255	82.6	15.3	7395
14	2319	83.4	15.1	7605
14.5	2383	83.1	15	7816
15	2447	82.8	14.9	8026
15.5	2511	78.9	13.7	8236
16	2575	74.3	12.5	8447
16.5	2639	69.2	11.4	8657
17	2704	63.1	10.5	8868
17.5	2768	61.6	10.4	9078
18	2832	60.1	10.3	9289
18.5	2896	59.7	10.3	9499
19	2951	59.2	10.3	9679
19.5	3003	56.1	9.9	9851
20	3065	52.8	9.5	10053

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800821 700 88212 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	94	37.4	8.4	309
1	190	43.3	11.8	624
1.5	287	49	13.7	941
2	383	53.2	15.8	1257
2.5	480	58.8	16.6	1574
3	577	63.9	17.5	1891
3.5	673	66.2	17.7	2207
4	770	68.4	18	2524
4.5	866	68.7	17.8	2841
5	963	69.1	17.7	3157
5.5	1059	69.3	17.8	3474
6	1156	69.4	18	3791
6.5	1252	70.8	18.2	4107
7	1349	72.1	18.5	4424
7.5	1445	73.6	19	4741
8	1535	75	19.6	5035
8.5	1620	76.1	19	5314
9	1705	77.2	18.5	5592
9.5	1790	76.2	17.8	5871
10	1875	75.1	17.1	6150
10.5	1960	74.3	16.5	6429
11	2045	73.4	16	6708
11.5	2130	73.2	16	6986
12	2215	72.9	16	7265
12.5	2300	71.7	16.2	7544
13	2385	70.6	16.5	7823
13.5	2470	69.1	15.4	8102
14	2555	67.3	14.4	8380
14.5	2640	64.7	13.6	8659
15	2725	61.8	12.9	8938
15.5	2810	62.4	13	9217
16	2895	63	13.2	9496
16.5	2980	63.1	13	9774
17	3065	63.2	12.9	10053
17.5	3145	62.2	12.3	10316
18	3224	61.1	11.8	10575

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800821 900 88213 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	116	35	9.3	380
1	256	42.5	13.2	841
1.5	397	52.9	15	1302
2	518	60.9	17.2	1700
2.5	624	69.6	17.9	2046
3	717	77.4	19	2352
3.5	810	77.4	19	2658
4	904	77.4	19	2964
4.5	997	74.2	18.5	3270
5	1090	70.9	18.1	3576
5.5	1184	70.9	17.8	3882
6	1277	71	17.6	4188
6.5	1370	72.8	17.7	4494
7	1463	74.5	17.8	4800
7.5	1544	74.7	17.6	5063
8	1620	74.9	17.5	5315
8.5	1697	77	16.9	5567
9	1774	79.3	16.3	5819
9.5	1851	80.9	16.4	6071
10	1928	82.5	16.5	6324
10.5	2005	82.3	16.8	6576
11	2082	82.1	17.2	6828
11.5	2159	81.6	17.3	7080
12	2235	81.1	17.5	7332
12.5	2313	81.3	17.2	7585
13	2389	81.5	16.9	7837
13.5	2466	81.1	16	8089
14	2543	80.6	15.1	8341
14.5	2612	76.2	14.3	8567
15	2681	71.4	13.6	8793
15.5	2750	66	13.4	9020
16	2819	60.5	13.4	9246
16.5	2889	59.2	13.4	9476
17	2965	57.8	13.4	9725
17.5	3041	57.3	13.2	9973
18	3109	56.8	13	10198

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800821 1100 88214 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	98	56.1	9.9	323
1	187	55.7	11.6	612
1.5	272	60.3	13.1	893
2	358	63.9	14.6	1173
2.5	443	68.3	15.8	1454
3	529	72.1	17	1735
3.5	615	74.3	17.8	2016
4	700	76.3	18.6	2297
4.5	786	79.2	19	2578
5	872	81.9	19.5	2859
5.5	957	83.2	19.3	3139
6	1043	84.5	19.2	3420
6.5	1128	84.3	18.8	3701
7	1214	84	18.5	3982
7.5	1300	84	18.3	4263
8	1385	84	18.1	4544
8.5	1471	84.7	18.2	4824
9	1548	85.4	18.3	5078
9.5	1623	87	18.4	5325
10	1698	88.6	18.5	5571
10.5	1774	88.4	18.3	5818
11	1849	88.2	18.2	6064
11.5	1924	86.1	18.6	6311
12	1999	84.1	19	6558
12.5	2074	84.1	18.9	6804
13	2150	84.1	18.8	7051
13.5	2225	86.2	18	7298
14	2300	88.4	17.2	7544
14.5	2375	89.8	16.7	7791
15	2450	91.2	16.3	8037
15.5	2526	89.8	15.8	8284
16	2601	88.3	15.3	8531
16.5	2676	85.4	14.5	8777
17	2751	82.1	13.8	9024
17.5	2826	79.7	13.3	9270
18	2902	77.2	12.8	9517
18.5	2977	77.9	12.2	9764
19	3052	78.7	11.6	10010
19.5	3121	80.4	11.4	10238
20	3187	82.2	11.2	10452

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800821 1300 88215 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	86	53.9	8.1	283
1	230	53.5	10.2	753
1.5	416	61.1	12	1365
2	597	66.7	13.9	1958
2.5	706	73.2	15.3	2317
3	850	78.5	16.9	2787
3.5	998	80.6	17.5	3275
4	1148	82.6	18.1	3764
4.5	1296	84.2	18.4	4252
5	1437	85.8	18.7	4712
5.5	1546	85.3	18.7	5070
6	1635	84.9	18.8	5363
6.5	1724	84.9	18.6	5656
7	1814	85	18.4	5949
7.5	1903	87.1	18.1	6242
8	1992	89.2	17.9	6535
8.5	2082	90.9	17.8	6828
9	2171	92.6	17.8	7121
9.5	2260	92.8	17.7	7414
10	2357	93.1	17.7	7731
10.5	2459	94	17.7	8065
11	2561	95	17.7	8399
11.5	2663	96	17.3	8733
12	2764	97	17	9066
12.5	2866	97.9	15.8	9400
13	2968	98.9	14.7	9734
13.5	3055	99.8	13.9	10021
14	3143	100.8	13.1	10310

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800821 1500 88216 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	92	60.1	9.2	303
1	177	50.8	10.3	579
1.5	258	51.6	11.7	847
2	340	52.3	13.2	1116
2.5	422	61.4	13.8	1384
3	504	69.5	14.7	1653
3.5	586	76	14.8	1921
4	668	82.3	15.1	2190
4.5	749	84	15.5	2458
5	831	85.6	16	2726
5.5	913	85.8	16.2	2995
6	995	86	16.4	3263
6.5	1077	85.8	16.3	3532
7	1159	85.5	16.2	3800
7.5	1241	85.8	16.4	4069
8	1322	86	16.7	4337
8.5	1404	86.4	17.3	4606
9	1486	86.8	18	4874
9.5	1561	88	18	5120
10	1636	89.2	18.1	5365
10.5	1711	89.4	18.1	5611
11	1786	89.6	18.1	5857
11.5	1861	89.6	18.2	6103
12	1935	89.6	18.3	6348
12.5	2010	89.8	17.4	6594
13	2085	90.1	16.6	6840
13.5	2160	88.2	16.1	7085
14	2235	86.1	15.6	7331
14.5	2310	85.3	15.4	7577
15	2385	84.5	15.2	7822
15.5	2460	85.7	14.7	8068
16	2535	86.9	14.3	8314
16.5	2609	89.3	14.2	8559
17	2684	91.7	14.1	8805
17.5	2759	92.2	14.2	9051
18	2834	92.7	14.4	9297
18.5	2909	90.7	14.3	9542
19	2984	89.7	14.2	9788
19.5	3059	89	14.2	10034
20	3134	89.2	14.2	10280

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800822 500 88221 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	91	44.4	5.5	298
1	194	58.4	8	636
1.5	289	67	10	948
2	380	72.7	12.2	1248
2.5	468	77.4	13.2	1536
3	556	81.5	14.2	1824
3.5	644	83	14.4	2112
4	732	84.5	14.7	2401
4.5	795	85.4	14.7	2609
5	843	86.2	14.7	2766
5.5	891	87.4	14.7	2922
6	938	88.5	14.8	3078
6.5	986	88.5	14.8	3234
7	1034	88.5	14.7	3390
7.5	1081	88.9	14.4	3546
8	1129	89.3	14.1	3702
8.5	1176	90.2	13.9	3858
9	1224	91.2	13.8	4015
9.5	1272	91.3	13.5	4171
10	1319	91.5	13.3	4327
10.5	1367	90.8	12.7	4483
11	1414	90.1	12.1	4639
11.5	1462	89.9	11.8	4795
12	1505	89.6	11.5	4936
12.5	1545	90.4	11.4	5068
13	1585	91.2	11.3	5199
13.5	1625	92.5	11	5330
14	1670	93.9	10.7	5477
14.5	1715	94.8	10.6	5624
15	1760	95.7	10.6	5772
15.5	1805	95.4	10.5	5919
16	1849	95	10.5	6066
16.5	1894	95.8	10.5	6213
17	1939	96.6	10.5	6361
17.5	1984	97.3	10.6	6508
18	2029	98	10.7	6655
18.5	2074	97.8	10.5	6802
19	2119	97.5	10.4	6950
19.5	2164	97.9	10.4	7097
20	2209	98.4	10.4	7244
20.5	2253	98.7	10.5	7391
21	2298	98.9	10.6	7539
21.5	2343	99.6	10.7	7686
22	2388	100.2	10.8	7833
22.5	2433	101.2	10.7	7980

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800822 700 88222 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	117	46.5	5.7	384
1	202	52.3	8.3	661
1.5	286	63.2	9.9	939
2	371	70.9	11.8	1217
2.5	455	79.9	12.6	1494
3	540	87.6	13.7	1772
3.5	625	89.2	13.4	2049
4	709	90.9	13.2	2327
4.5	794	90.1	12.8	2604
5	879	89.2	12.5	2882
5.5	963	86.9	12.3	3160
6	1048	84.5	12.2	3437
6.5	1133	83.1	11.9	3715
7	1217	81.6	11.6	3992
7.5	1302	81.6	11.6	4270
8	1387	81.6	11.5	4548
8.5	1471	80.9	11.5	4825
9	1555	80.1	11.5	5100
9.5	1638	80.8	11.3	5374
10	1722	81.5	11.1	5648
10.5	1806	83.4	10.9	5923
11	1889	85.3	10.8	6197
11.5	1973	87.2	10.9	6471
12	2056	89.1	11.1	6745
12.5	2140	93.4	11	7019
13	2223	97.8	10.9	7293
13.5	2307	100	9.9	7568
14	2391	102.6	9	7842
14.5	2474	99.1	7.9	8116
15	2558	94.5	6.8	8390
15.5	2641	94.3	6.5	8664
16	2725	94	6.2	8939
16.5	2809	99.9	6.1	9213
17	2892	105.9	6	9487
17.5	2976	108.1	6	9761
18	3059	110.3	6.1	10035

1980 NORTHEAST CORRIDOR REGIONAL
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FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800822 900 88223 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	103	34.5	3.5	339
1	197	44.1	6.1	647
1.5	283	58.4	8.2	927
2	368	66.6	10.5	1208
2.5	454	73.8	11.4	1488
3	539	79.8	12.5	1769
3.5	625	81.3	11.8	2049
4	710	83	11.2	2329
4.5	796	85.3	10.9	2610
5	881	87.7	10.6	2890
5.5	966	87.3	10.6	3170
6	1046	86.9	10.7	3432
6.5	1102	84.1	10.6	3616
7	1167	81.3	10.6	3829
7.5	1238	79.7	10.6	4060
8	1308	78.1	10.6	4291
8.5	1379	77.5	10.9	4523
9	1443	76.9	11.2	4732
9.5	1511	77.5	11.4	4957
10	1582	78	11.7	5189
10.5	1641	80.4	11.4	5384
11	1701	83	11.1	5579
11.5	1760	84.1	11	5774
12	1820	85.3	10.9	5970
12.5	1880	84.9	10.8	6168
13	1941	84.5	10.7	6366
13.5	2008	84.9	10.5	6587
14	2075	85.3	10.4	6807
14.5	2145	86.6	10.2	7034
15	2222	87.9	10	7289
15.5	2300	89.1	9.3	7544
16	2376	90.4	8.6	7792
16.5	2450	89.4	7.8	8036
17	2524	88.1	7	8280
17.5	2599	84.5	6.4	8524
18	2673	80.2	5.8	8768
18.5	2747	75.5	5.6	9011
19	2817	70.5	5.4	9241
19.5	2881	65.7	5.2	9449
20	2947	60.6	5.1	9667
20.5	3018	57.5	4.9	9899
21	3089	54.2	4.7	10131

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800822 1100 88224 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	126	40.2	4.6	413
1	223	44.6	5.9	731
1.5	320	56.2	7.3	1048
2	416	63.9	8.8	1366
2.5	513	72.2	9.7	1684
3	610	79	10.8	2001
3.5	707	79.7	10.5	2319
4	804	80.4	10.2	2637
4.5	901	78.7	10.1	2954
5	998	76.9	10	3272
5.5	1094	76.5	10	3589
6	1191	76.1	10	3907
6.5	1288	75.7	10	4225
7	1385	75.2	10	4542
7.5	1482	74.4	10.4	4860
8	1563	73.6	10.8	5126
8.5	1640	75.6	10.8	5379
9	1717	77.5	10.9	5632
9.5	1794	80.2	10.8	5885
10	1871	82.9	10.7	6138
10.5	1948	82.9	10.6	6391
11	2026	82.9	10.4	6644
11.5	2103	84.1	10	6897
12	2180	85.4	9.7	7151
12.5	2257	85	9.6	7404
13	2334	84.5	9.5	7657
13.5	2412	84.1	9.2	7910
14	2489	83.6	9	8163
14.5	2566	81.4	8.1	8416
15	2643	78.7	7.2	8669
15.5	2720	70.5	6.1	8922
16	2797	58.8	5.1	9175
16.5	2874	51.3	4.7	9428
17	2952	42.5	4.4	9681
17.5	3029	38.5	4.6	9935
18	3106	34.9	4.8	10188
18.5	3189	34.6	5.1	10459
19	3271	34.4	5.4	10730

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800822 1300 88225 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	104	57.9	5.2	342
1	233	60	7.1	764
1.5	368	65.6	8.4	1207
2	471	69.7	9.8	1544
2.5	515	75.3	10.2	1689
3	633	80.5	10.6	2076
3.5	741	82.1	10.3	2432
4	814	83.7	10	2671
4.5	889	79.3	9.7	2917
5	965	74.7	9.5	3165
5.5	1044	68.5	9.8	3423
6	1123	62.8	10.3	3683
6.5	1202	61.2	10.4	3944
7	1282	59.6	10.5	4204
7.5	1361	59.7	10	4464
8	1441	59.9	9.5	4725
8.5	1518	61.1	9.6	4979
9	1588	62.2	9.7	5210
9.5	1659	64.1	9.9	5442
10	1737	66	10.2	5696
10.5	1804	65.5	9.7	5916
11	1881	65	9.2	6170
11.5	1959	65.3	8.4	6425
12	2037	65.6	7.7	6680
12.5	2114	69.7	7.8	6935
13	2192	73.7	7.9	7190
13.5	2252	77.2	8.2	7386
14	2312	80.5	8.5	7582
14.5	2372	82.5	8.5	7779
15	2431	84.5	8.5	7975
15.5	2491	82.4	8.1	8172
16	2551	80.2	7.8	8368
16.5	2611	73.7	7.1	8564
17	2680	66	6.5	8790
17.5	2762	58	6.1	9060
18	2845	49.1	5.8	9330
18.5	2927	45.3	5.7	9600
19	3009	41.3	5.6	9870
19.5	3095	43.6	5.5	10152
20	3178	46	5.4	10424

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800822 1500 88226 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	86	38.8	5.3	283
1	167	49.1	5.8	547
1.5	243	57.5	6.7	797
2	319	63.7	7.8	1046
2.5	395	64	8.3	1296
3	471	64.3	8.9	1546
3.5	548	63.9	8.7	1796
4	624	63.5	8.6	2046
4.5	700	63.9	8.7	2296
5	776	64.3	8.9	2545
5.5	852	62.9	9	2795
6	928	61.6	9.1	3045
6.5	1005	60.8	9.1	3295
7	1081	60.1	9.2	3545
7.5	1157	59.3	9.4	3795
8	1233	58.5	9.7	4044
8.5	1309	58.7	9.6	4294
9	1385	59	9.5	4544
9.5	1462	58.6	9.3	4794
10	1534	58.1	9.2	5033
10.5	1605	57.1	9.1	5265
11	1676	56.1	9	5498
11.5	1747	55.9	8.7	5730
12	1818	55.6	8.5	5962
12.5	1888	56.4	8.2	6194
13	1959	57.3	8	6426
13.5	2030	59.4	7.6	6659
14	2101	61.8	7.2	6891
14.5	2172	62.2	6.7	7123
15	2242	62.6	6.3	7355
15.5	2313	62.9	6	7587
16	2384	63.3	5.7	7820
16.5	2455	64.8	5.2	8052
17	2526	66.6	4.8	8284
17.5	2596	70.6	4.3	8516
18	2667	75.6	3.8	8748
18.5	2738	78.1	3.9	8981
19	2809	80.4	4.1	9213
19.5	2880	80.9	4.6	9445
20	2950	81.3	5.2	9677
20.5	3021	83.7	5.5	9910
21	3092	85.9	5.9	10142

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800825 500 88251 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	90	4.8	4.5	294
1	183	31.8	4.4	599
1.5	272	51	4.4	892
2	361	68.5	4.8	1184
2.5	450	73.7	3.9	1477
3	531	81.8	3.1	1743
3.5	607	80.6	2.2	1991
4	683	77.9	1.3	2239
4.5	756	91.3	1.3	2480
5	827	104.8	1.3	2711
5.5	897	117.1	1.5	2942
6	970	125.9	1.8	3182
6.5	1044	134.3	1.8	3425
7	1118	142.2	1.9	3667
7.5	1192	154	1.7	3910
8	1265	168	1.6	4150
8.5	1342	183	1.3	4402
9	1419	203.3	1.2	4655
9.5	1496	228.7	.8	4908
10	1569	275.9	.7	5147
10.5	1640	318.5	1.3	5378
11	1713	331.5	2.1	5617
11.5	1795	334.7	2.7	5888
12	1877	336.7	3.4	6158
12.5	1953	333.6	4.2	6407
13	2028	331.5	5.1	6653
13.5	2106	322.4	5.4	6907
14	2184	314.4	5.8	7164
14.5	2264	304.4	5.8	7426
15	2343	294.5	5.9	7686
15.5	2434	297.6	6.3	7983
16	2520	300.2	6.8	8267
16.5	2599	311.3	6.5	8525
17	2689	323.2	6.4	8820
17.5	2767	343.3	6	9075
18	2860	3.5	6.4	9381
18.5	2942	16.3	7.8	9649
19	3023	25	9.4	9917
19.5	3105	27	10.4	10185

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800825 700 88252 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	84	25.4	3.4	277
1	159	38.3	4.7	522
1.5	219	45.3	4.7	719
2	279	52.2	4.7	915
2.5	339	54.3	3.8	1112
3	399	57.7	2.9	1309
3.5	459	54.5	2.8	1506
4	519	51	2.7	1703
4.5	579	50.3	2.7	1900
5	639	49.7	2.8	2097
5.5	699	53.3	2.4	2294
6	759	58.4	2	2491
6.5	820	75.5	1.4	2688
7	880	107.8	1.1	2885
7.5	940	119.2	1.1	3082
8	1000	129.7	1.2	3279
8.5	1060	131.3	1.1	3476
9	1120	133.2	1	3673
9.5	1180	152.2	.7	3870
10	1240	193	.5	4067
10.5	1300	262.7	.3	4263
11	1360	304.7	.7	4460
11.5	1420	327	1	4657
12	1480	337.9	1.4	4854
12.5	1541	343.3	1.5	5053
13	1603	348	1.6	5259
13.5	1666	354.4	2	5465
14	1729	358.7	2.4	5671
14.5	1792	358.4	2.7	5877
15	1855	358.1	3.1	6083
15.5	1918	355.5	3.6	6290
16	1980	353.5	4.1	6496
16.5	2043	349.9	4.6	6702
17	2106	347	5.2	6908
17.5	2169	344.9	5	7114
18	2232	342.6	4.8	7320
18.5	2295	339.1	4.1	7526
19	2357	334.1	3.4	7732
19.5	2420	317.6	3.6	7938
20	2483	303.7	4	8144
20.5	2546	307.6	4.2	8350
21	2609	311.2	4.4	8556
21.5	2672	332.6	4.1	8763
22	2734	354.1	4.4	8969
22.5	2797	8.2	5.1	9175

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800825 900 88253 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	115	39.4	1.7	376
1	239	22.1	2	784
1.5	393	18.1	2.6	1289
2	550	15.7	3.3	1804
2.5	619	18.3	3.7	2029
3	685	20.4	4.1	2246
3.5	745	19.4	4	2445
4	806	18.3	4	2645
4.5	868	16	3.9	2847
5	933	13.7	3.9	3061
5.5	998	14.2	3.5	3275
6	1064	14.9	3.1	3489
6.5	1128	15	2.9	3701
7	1192	15.2	2.7	3911
7.5	1256	14.7	2.6	4120
8	1319	14.2	2.5	4325
8.5	1377	13.6	2.4	4518
9	1436	13	2.3	4710
9.5	1495	9.3	2.5	4902
10	1558	6.2	2.7	5109
10.5	1623	5.3	2.7	5325
11	1689	4.4	2.8	5540
11.5	1755	6.3	2.7	5756
12	1826	8.3	2.6	5988
12.5	1896	6.3	2.7	6220
13	1967	4.4	2.8	6452
13.5	2038	4.4	2.8	6683
14	2112	4.4	2.8	6926
14.5	2190	4.5	2.6	7184
15	2269	4.6	2.5	7442
15.5	2335	343.4	2.2	7659
16	2399	319.2	2.2	7869
16.5	2471	302.7	2.9	8104
17	2543	292.9	3.7	8340
17.5	2615	307.3	3.4	8577
18	2687	323.4	3.3	8814
18.5	2759	353.7	3.2	9049
19	2828	18.3	4	9276
19.5	2897	29.3	4.8	9503
20	2966	36.8	5.8	9730
20.5	3036	39.7	6	9957
	3105	42.4	6.3	10184

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800825 1100 88254 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	117	117.1	3.3	385
1	199	75.6	1.9	653
1.5	272	28.1	1.7	892
2	345	355.5	2.6	1131
2.5	418	344.8	3	1370
3	490	336.7	3.4	1608
3.5	563	342.8	3.5	1847
4	636	348.5	3.7	2086
4.5	709	358.3	3.7	2325
5	781	7.6	3.9	2563
5.5	854	12.2	4	2802
6	927	16.6	4.1	3041
6.5	1000	18.5	4.1	3280
7	1073	20.4	4.1	3518
7.5	1145	21.2	4	3757
8	1218	22.1	4	3996
8.5	1291	22.9	3.8	4235
9	1364	23.7	3.7	4473
9.5	1437	24.1	3.3	4712
10	1509	24.6	2.9	4951
10.5	1580	25.7	2.7	5183
11	1651	27	2.6	5414
11.5	1721	25.3	2.4	5645
12	1791	23.3	2.3	5876
12.5	1862	22.7	2.1	6106
13	1932	22.1	2	6337
13.5	2002	24.7	2.2	6568
14	2073	26.8	2.4	6799
14.5	2143	12.2	2.2	7029
15	2213	356.3	2.2	7260
15.5	2284	322.7	2.5	7491
16	2354	301.7	3.4	7722
16.5	2424	300.9	4.1	7952
17	2495	300.4	4.8	8183
17.5	2565	312.7	4.3	8414
18	2636	327.2	4.1	8645
18.5	2706	348.3	3.8	8875
19	2776	9.9	4	9106
19.5	2847	21.6	4.2	9337
20	2917	31.7	4.6	9568
20.5	2987	31.6	4.7	9798
21	3058	31.6	4.8	10029
21.5	3128	27.6	5	10260
22	3191	24	5.2	10468

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800825 1300 88255 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	101	80.2	3.9	330
1	187	51.6	4.1	613
1.5	263	35.5	4.3	864
2	340	21.8	4.8	1115
2.5	416	11.2	4.5	1366
3	493	359.4	4.3	1617
3.5	570	355.2	4.4	1868
4	646	351.2	4.6	2119
4.5	719	356.4	4.6	2357
5	787	1.7	4.6	2582
5.5	850	6.6	4.3	2788
6	913	12.2	4	2995
6.5	976	16.2	3.7	3201
7	1039	20.9	3.4	3407
7.5	1102	24.2	3.3	3614
8	1165	27.7	3.3	3820
8.5	1227	30	3.4	4026
9	1291	32.2	3.5	4233
9.5	1353	35.9	3.3	4439
10	1420	40	3.1	4658
10.5	1488	43.1	3	4880
11	1554	46.5	2.9	5098
11.5	1616	48.7	2.8	5299
12	1677	51	2.7	5500
12.5	1738	52.7	2.6	5701
13	1799	54.4	2.6	5902
13.5	1866	57.1	2.2	6120
14	1936	61.1	1.8	6351
14.5	2009	68.3	1	6588
15	2080	117.1	.3	6824
15.5	2153	292.9	.6	7061
16	2227	293.7	1.5	7303
16.5	2301	312.7	2.8	7546
17	2367	319.2	4.3	7764
17.5	2429	329.8	5.1	7967
18	2491	337.2	6.1	8170
18.5	2553	344.7	6	8373
19	2615	352.4	6	8576
19.5	2677	355.9	5.6	8779
20	2747	360	5.2	9009
20.5	2819	2.2	4.7	9246
21	2891	5	4.2	9482
21.5	2961	7.2	4.2	9711
22	3030	9.4	4.3	9940
22.5	3100	10.9	4.4	10169
23	3169	12.3	4.5	10393

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800825 1500 88256 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	120	72	4.1	394
1	199	66.7	4.3	652
1.5	267	57.1	4.4	876
2	336	48.4	4.7	1101
2.5	404	40.1	4.6	1325
3	473	31.7	4.6	1550
3.5	541	22.9	4.4	1774
4	609	13.7	4.4	1999
4.5	678	5	4.3	2223
5	746	356.3	4.4	2448
5.5	815	354.2	4.2	2672
6	883	351.9	4	2896
6.5	952	354.9	3.7	3121
7	1020	358.5	3.4	3345
7.5	1088	1.9	2.9	3570
8	1157	6.7	2.4	3794
8.5	1225	10.7	2	4019
9	1294	16.4	1.7	4243
9.5	1362	20.4	1.6	4468
10	1430	24.9	1.5	4692
10.5	1499	27.1	1.3	4917
11	1566	30	1.1	5137
11.5	1631	39.2	.8	5350
12	1696	56.1	.6	5564
12.5	1762	92.3	.1	5778
13	1827	210	.4	5992
13.5	1892	242.4	1	6205
14	1957	249.6	1.7	6419
14.5	2022	257.2	2.3	6633
15	2088	261.6	2.9	6847
15.5	2152	287.3	2.8	7060
16	2218	309.7	3.3	7274
16.5	2283	342.9	4.2	7488
17	2348	.4	6	7701
17.5	2413	11.8	6.3	7915
18	2478	21.9	6.8	8129
18.5	2544	27.6	6.6	8343
19	2609	33.6	6.4	8556
19.5	2674	31.7	6.7	8770
20	2739	30	7	8984
20.5	2804	27.6	6.4	9198
21	2869	24.8	5.9	9411
21.5	2934	21.9	5.2	9625
22	3000	18.2	4.6	9839
22.5	3065	19.3	4.7	10052

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800826 500 88261 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	86	274.7	3.3	281
1	143	284	4	470
1.5	196	288.9	4.4	643
2	251	292.9	4.9	823
2.5	306	291.9	4.9	1004
3	361	290.9	5	1184
3.5	416	286.6	4.7	1364
4	471	281.8	4.4	1545
4.5	526	279.7	4.2	1725
5	581	277.3	4	1906
5.5	637	281.3	3.8	2090
6	694	285.7	3.6	2277
6.5	751	292.7	3.5	2464
7	808	300	3.5	2651
7.5	865	305	3.6	2838
8	922	309.7	3.7	3024
8.5	977	314.8	4	3206
9	1033	319.2	4.3	3388
9.5	1088	322.3	4.3	3570
10	1144	325.4	4.4	3752
10.5	1199	326.9	3.8	3932
11	1254	328.8	3.3	4112
11.5	1308	328.2	2.6	4291
12	1364	327.1	2	4474
12.5	1424	325.7	1.5	4671
13	1483	322.9	1	4863
13.5	1539	332.6	.5	5049
14	1594	30	.2	5229
14.5	1655	61	.4	5428
15	1716	70.9	.6	5627
15.5	1776	33.3	1	5826
16	1837	19.2	1.5	6025
16.5	1897	4.3	1.9	6223
17	1958	354.6	2.3	6422
17.5	2020	346.1	3	6624
18	2081	340.9	3.8	6826
18.5	2143	340.7	4.3	7028
19	2195	340.6	4.8	7200
19.5	2245	339.6	4.3	7364
20	2295	338.4	3.8	7528
20.5	2346	337.8	3.5	7694
21	2398	337	3.2	7865
21.5	2450	341.3	3.6	8036
22	2502	344.8	4	8207
22.5	2561	345.4	4.1	8400

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800826 700 88262 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	275.9	4.5	0
1	0	281.5	5	0
1.5	0	283.1	3.9	0
2	0	286	2.8	0
1.5	0	283.8	3.3	0
2	0	282.2	3.9	0
3.5	0	281.2	4.6	0
4	0	280.5	5.3	0
4.5	0	280.9	4.1	0
5	0	281.5	3	0
5.5	0	284.8	2.9	0
6	0	288.2	2.9	0
6.5	0	296.2	2.8	0
7	0	304.7	2.7	0
7.5	0	315.8	2.5	0
8	0	327.9	2.5	0
8.5	0	333.2	2.4	0
9	0	338.7	2.4	0
9.5	0	333.3	2.3	0
10	0	327.7	2.3	0
10.5	0	322.6	2	0
11	0	315.7	1.7	0
11.5	0	323.8	1.7	0
12	0	331.5	1.8	0
12.5	0	339.1	2.3	0
13	0	344	2.8	0
13.5	0	354.9	3.3	0
14	0	2.7	3.9	0
14.5	0	7	4.4	0
15	0	10.5	4.9	0
15.5	0	7.5	5	0
16	0	4.6	5.1	0
16.5	0	359.8	4.9	0
17	0	354.6	4.7	0
17.5	0	351.3	5	0
18	0	348.3	5.3	0
18.5	0	348	5.4	0
19	0	347.8	5.5	0
19.5	0	343.5	5.2	0
20	0	338.7	4.9	0
20.5	0	334.2	4.8	0
21	0	329.6	4.7	0
21.5	0	327.7	4.7	0
22	0	325.8	4.7	0
22.5	0	323.9	4.7	0

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800826 900 88263 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	101	271.3	2.5	330
1	212	264.5	2.3	695
1.5	330	257.9	2.5	1082
2	385	252.5	2.8	1264
2.5	442	252.3	3.1	1450
3	499	252.2	3.4	1637
3.5	565	255.6	3.3	1854
4	632	259.3	3.2	2072
4.5	698	264.5	3	2290
5	765	270.5	2.8	2508
5.5	831	277.7	2.6	2726
6	897	286.2	2.4	2943
6.5	964	291	2.1	3161
7	1030	297.1	1.9	3379
7.5	1097	308.9	1.8	3597
8	1165	321.4	1.8	3821
8.5	1234	333.7	1.9	4046
9	1302	344.3	2.1	4271
9.5	1365	351.2	2.3	4477
10	1428	357	2.5	4683
10.5	1491	360	2.6	4889
11	1555	2.7	2.7	5101
11.5	1626	1.8	2.7	5332
12	1696	1	2.8	5563
12.5	1768	358.3	3.2	5799
13	1840	356.3	3.7	6036
13.5	1912	355.3	4.2	6272
14	1984	354.6	4.7	6508
14.5	2056	356.6	5	6745
15	2128	358.4	5.4	6981
15.5	2201	.9	5.1	7218
16	2273	3.7	4.9	7454
16.5	2345	1.7	4.6	7690
17	2417	359.4	4.3	7927
17.5	2489	351.9	4.7	8163
18	2562	345.6	5.1	8402
18.5	2636	342.7	5.6	8646
19	2710	340.3	6.1	8889
19.5	2780	336.7	6	9117
20	2848	333	6	9341
20.5	2916	328.4	5.6	9564
21	2984	323.2	5.3	9786
21.5	3051	322.8	5.6	10007
22	3119	322.5	5.9	10229
22.5	3190	324.2	6.7	10463
23	3267	325.6	7.5	10716

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800826 1300 88265 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	201	238.8	3.4	659
1	293	248.5	3.7	961
1.5	377	253.3	3.7	1236
2	455	257.9	3.8	1491
2.5	536	254.8	3.4	1759
3	634	250.9	3.1	2078
3.5	730	249.4	3.1	2396
4	827	248	3.1	2714
4.5	939	248	3.1	3081
5	1055	248	3.1	3460
5.5	1163	247	3.1	3814
6	1250	246	3.2	4100
6.5	1327	255.8	2.8	4351
7	1403	267.8	2.6	4602
7.5	1514	271.1	2.6	4965
8	1623	274.4	2.6	5323
8.5	1732	270.9	2.6	5681
9	1862	267.6	2.7	6107
9.5	1983	292.5	2.7	6505
10	2057	314.1	3.1	6746
10.5	2111	324.3	4.3	6924
11	2165	329.9	5.6	7101
11.5	2234	330	6	7327
12	2302	330.1	6.4	7552
12.5	2371	330.8	6.5	7778
13	2440	331.5	6.7	8004
13.5	2509	330.8	6.8	8229
14	2578	330.2	6.9	8455
14.5	2646	328.3	6.9	8680
15	2711	326.4	7	8891
15.5	2772	327.6	6.9	9091
16	2832	328.9	6.8	9290
16.5	2894	330.2	6.7	9492
17	2956	331.5	6.7	9696
17.5	3018	331.5	6.8	9900
18	3081	331.5	6.9	10105
18.5	3143	329.5	6.5	10310
19	3203	327.2	6.1	10506
19.5	3262	326.4	6	10699
20	3321	325.6	6	10892

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800826 1500 88266 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	115	232.9	2.8	377
1	206	239.1	3.1	675
1.5	297	240.2	3.4	973
2	387	241.1	3.7	1270
2.5	478	245.2	3.8	1568
3	569	249.1	3.9	1866
3.5	660	251.7	4	2164
4	750	254.2	4.1	2461
4.5	841	255.8	4.3	2759
5	932	257.2	4.6	3057
5.5	1023	262.8	4.9	3354
6	1113	267.7	5.3	3652
6.5	1204	270.4	5	3950
7	1295	273.5	4.7	4248
7.5	1386	276.7	4.5	4545
8	1477	280.2	4.3	4843
8.5	1563	285.9	4.4	5127
9	1644	291.4	4.5	5391
9.5	1724	301	4.7	5655
10	1804	309.7	5	5918
10.5	1885	313.9	5.6	6182
11	1965	317.3	6.3	6446
11.5	2045	317.7	6.8	6709
12	2126	318.1	7.3	6973
12.5	2206	317.3	7.8	7237
13	2287	316.6	8.4	7500
13.5	2367	317.4	8.8	7764
14	2448	318.1	9.3	8028
14.5	2528	319.2	9.3	8292
15	2608	320.2	9.4	8555
15.5	2689	319.4	9.1	8819
16	2769	318.5	8.9	9083
16.5	2849	318.8	9	9346
17	2930	319	9.2	9610
17.5	3010	321.7	9	9874
18	3091	324.5	8.8	10137

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
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LONGITUDE :71 04
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800827 500 88271 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	96	244.6	4.3	314
1	163	257.7	5	535
1.5	223	260.7	5.5	731
2	283	263.1	6.1	928
2.5	344	260.6	6.5	1127
3	405	258.4	6.9	1328
3.5	470	258.5	7	1543
4	537	258.5	7.1	1762
4.5	604	260.7	6.8	1981
5	671	263.2	6.5	2200
5.5	748	269	6.6	2453
6	828	274.5	6.8	2716
6.5	903	276.4	7.1	2963
7	971	278.1	7.5	3186
7.5	1040	277.2	7.7	3410
8	1108	276.3	7.9	3633
8.5	1173	275.3	8.2	3849
9	1238	274.3	8.6	4060
9.5	1302	274.7	8.7	4270
10	1366	275	8.9	4480
10.5	1430	273	8.9	4691
11	1494	271	9	4901
11.5	1556	269.9	9.2	5105
12	1617	268.9	9.5	5303
12.5	1677	274.1	9.7	5501
13	1738	279.1	9.9	5700
13.5	1797	286.6	10.4	5895
14	1855	293.4	11	6086
14.5	1925	298.9	11.5	6315
15	1996	304	12	6548
15.5	2065	304.1	12.2	6773
16	2120	304.2	12.4	6953
16.5	2187	307	12.8	7172
17	2248	309.7	13.2	7374
17.5	2309	304.1	13	7572
18	2369	298.3	12.9	7770
18.5	2430	291.2	12.7	7971
19	2492	284	12.7	8175
19.5	2554	288.4	12.5	8378
20	2617	292.9	12.3	8583
20.5	2681	293.5	12.2	8794
21	2748	294.2	12.2	9014
21.5	2816	293.4	11.8	9237
22	2884	292.6	11.5	9460
22.5	2952	293.8	11.7	9682

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800827 700 88272 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	101	267.4	5.8	331
1	170	278.1	6.9	556
1.5	230	282.9	7.5	756
2	291	286.9	8.1	956
2.5	352	288.3	8.2	1155
3	413	289.6	8.3	1355
3.5	474	291.9	8.4	1554
4	535	294.1	8.6	1754
4.5	595	294.1	8.4	1953
5	656	294	8.3	2153
5.5	717	292.6	7.9	2352
6	778	291	7.6	2552
6.5	839	290.2	7.1	2751
7	900	289.3	6.6	2951
7.5	960	288.8	6.2	3150
8	1021	288.2	5.8	3350
8.5	1082	284.8	5.5	3549
9	1143	281	5.2	3749
9.5	1204	275.7	5.3	3948
10	1265	270.7	5.5	4148
10.5	1325	274.1	5.8	4347
11	1386	277.1	6.1	4547
11.5	1447	282	6.6	4746
12	1508	286.2	7.1	4946
12.5	1570	290.3	7.9	5150
13	1633	293.6	8.8	5356
13.5	1696	297.9	9.3	5562
14	1758	301.8	9.9	5767
14.5	1821	302.3	10.5	5973
15	1884	302.7	11.2	6179
15.5	1946	301.3	11.9	6384
16	2009	300	12.6	6590
16.5	2072	299.5	13.1	6796
17	2134	299	13.7	7001
17.5	2197	298.8	13.8	7207
18	2260	298.6	13.9	7413
18.5	2323	297.9	13.6	7619
19	2385	297.1	13.3	7824
19.5	2448	296.5	13.4	8030
20	2511	296	13.5	8236
20.5	2573	295.2	13.6	8441
21	2636	294.5	13.8	8647
21.5	2699	294.7	13.7	8853
22	2762	294.9	13.7	9058
22.5	2824	296.9	13.3	9264

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800827 900 88273 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	91	273	4	298
1	210	293.4	5.5	689
1.5	295	302.1	6.3	966
2	379	308.7	7.2	1243
2.5	449	310.4	6.6	1473
3	515	312.5	6.1	1690
3.5	581	311.3	5.3	1907
4	648	309.7	4.6	2124
4.5	714	305	4.3	2341
5	780	299.7	4.1	2558
5.5	848	285.7	4.3	2781
6	920	273.5	4.7	3019
6.5	982	275.5	5	3222
7	1052	277.3	5.3	3449
7.5	1126	285.7	5.2	3693
8	1200	294.2	5.3	3936
8.5	1267	293.8	5.5	4155
9	1333	293.5	5.7	4371
9.5	1395	295.1	6.6	4577
10	1459	296.4	7.5	4784
10.5	1521	301	8.6	4990
11	1602	304.5	9.8	5256
11.5	1688	305.3	11.1	5537
12	1757	305.9	12.4	5764
12.5	1827	304.7	13.3	5991
13	1896	303.7	14.2	6219
13.5	1965	303.4	14.4	6446
14	2035	303.2	14.6	6674
14.5	2104	302.7	15	6901
15	2170	302.2	15.4	7117
15.5	2236	300.8	15.4	7333
16	2302	299.5	15.4	7549
16.5	2367	299.9	14.8	7765
17	2436	300.4	14.3	7991
17.5	2518	304.3	14.1	8260
18	2600	308.2	14	8528
18.5	2681	310.9	14.4	8793
19	2761	313.4	14.8	9057
19.5	2842	313.9	16	9322
20	2923	314.4	17.3	9587
20.5	3003	312.9	17.8	9851
21	3082	311.4	18.3	10108
21.5	3150	309.9	18.3	10333
22	3223	308.4	18.4	10572

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800827 1100 88274 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	137	281.5	4	449
1	211	281.8	4.4	693
1.5	286	288	4.8	937
2	360	293.2	5.2	1181
2.5	434	292.1	5.1	1425
3	509	290.9	5	1669
3.5	584	282.1	4.9	1914
4	658	273.2	4.9	2158
4.5	732	274.9	4.9	2402
5	807	276.6	4.9	2646
5.5	881	284.1	5	2890
6	955	291.2	5.2	3134
6.5	1030	299.2	6.2	3378
7	1104	305	7.2	3622
7.5	1179	305.7	7.7	3866
8	1253	306.4	8.3	4110
8.5	1328	306	8.4	4355
9	1402	305.7	8.5	4599
9.5	1477	308.4	9.2	4843
10	1552	310.7	10	5089
10.5	1630	312.7	10.7	5346
11	1708	314.4	11.5	5603
11.5	1787	313.9	11.5	5860
12	1865	313.5	11.5	6117
12.5	1943	313.2	11.5	6374
13	2022	312.9	11.6	6631
13.5	2100	311.3	11.8	6888
14	2178	309.7	12	7145
14.5	2256	304.2	12.4	7401
15	2335	299.1	12.9	7658
15.5	2413	296.8	13.7	7915
16	2491	294.7	14.6	8172
16.5	2570	295.4	15.1	8429
17	2648	296.1	15.7	8686
17.5	2727	297.1	16.1	8943
18	2805	298.1	16.5	9200
18.5	2883	298.9	16.5	9456
19	2961	299.6	16.6	9713
19.5	3040	301.3	16.6	9970
20	3118	303	16.7	10227

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
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PROGRAM

SITE NO. :8
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LATITUDE :42 21
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HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800827 1300 88275 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	146	264.5	3.7	480
1	285	279.1	5.2	936
1.5	377	269.1	5.4	1237
2	463	260	5.7	1518
2.5	540	270.7	6.8	1771
3	617	278.2	8.1	2025
3.5	695	285.5	9.4	2278
4	772	290.9	10.9	2531
4.5	845	287	10	2772
5	913	282.3	9.1	2995
5.5	982	285.4	9.5	3222
6	1052	288.2	9.9	3449
6.5	1121	288.7	10.2	3676
7	1190	289.2	10.5	3903
7.5	1259	290.7	10.4	4130
8	1328	292.2	10.4	4357
8.5	1398	293.4	10.3	4584
9	1467	294.6	10.2	4811
9.5	1535	298.1	10	5035
10	1600	301.8	9.9	5248
10.5	1665	294.8	9.9	5461
11	1731	287.8	10	5677
11.5	1800	282.1	10.9	5903
12	1869	277.3	11.9	6130
12.5	1938	283.6	12.5	6357
13	2008	289.3	13.3	6586
13.5	2071	291	13.8	6794
14	2133	292.5	14.4	6997
14.5	2209	292.4	14.7	7246
15	2285	292.3	15.1	7495
15.5	2361	295.1	15.1	7744
16	2437	297.8	15.2	7992
16.5	2502	299.6	15.4	8205
17	2559	301.4	15.6	8394
17.5	2617	300.5	15.7	8583
18	2674	299.7	15.8	8772
18.5	2732	298.7	14.9	8961
19	2786	297.5	14	9139
19.5	2839	301	15.4	9311
20	2908	303.9	16.9	9537
20.5	2977	305.2	18.7	9764
21	3044	306.2	20.5	9984
21.5	3103	304.3	19.5	10178
22	3176	302.1	18.5	10418
22.5	3247	302.6	17.8	10649
23	3316	303.1	17.2	10875

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800827 1500 88276 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	130	264.5	6.3	428
1	218	268	7.2	715
1.5	305	272.3	8.1	1002
2	393	275.7	9.1	1289
2.5	480	277.1	9.7	1576
3	568	278.4	10.4	1863
3.5	655	277.4	10.5	2149
4	743	276.4	10.7	2436
4.5	830	277	10.5	2723
5	918	277.7	10.3	3010
5.5	1005	277.9	10.5	3297
6	1093	278	10.7	3584
6.5	1180	277.7	10.9	3871
7	1268	277.4	11.2	4158
7.5	1355	281.1	11.1	4445
8	1443	284.8	11	4732
8.5	1530	288.4	10.7	5018
9	1605	292.2	10.4	5264
9.5	1680	292.9	10.3	5509
10	1755	293.6	10.3	5755
10.5	1830	295.2	10.9	6001
11	1904	296.7	11.6	6246
11.5	1979	300.5	12.2	6492
12	2054	303.9	12.9	6737
12.5	2129	305	14.1	6983
13	2204	305.9	15.3	7228
13.5	2279	305.8	16.3	7474
14	2353	305.8	17.4	7719
14.5	2428	306.2	17.4	7965
15	2503	306.6	17.5	8211
15.5	2578	304.4	17.4	8456
16	2653	302.2	17.3	8702
16.5	2728	301.3	17.4	8947
17	2803	300.4	17.5	9193
17.5	2877	301.6	17.4	9438
18	2952	302.8	17.3	9684
18.5	3027	304.1	17.2	9929
19	3102	305.5	17.2	10175
19.5	3175	307.7	17.1	10415
20	3242	309.9	17.1	10634

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800828 500 88281 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	285.7	7.3	0
1	0	300.6	9	0
1.5	0	309.9	10.2	0
2	0	317	11.7	0
2.5	0	321.9	12.1	0
3	0	326.5	12.5	0
3.5	0	329.3	12.3	0
4	0	332.2	12.2	0
4.5	0	333.6	12.5	0
5	0	334.9	12.9	0
5.5	0	334.8	13.2	0
6	0	334.7	13.6	0
6.5	0	331.8	12.8	0
7	0	328.6	12.1	0
7.5	0	322.8	11.2	0
8	0	316.2	10.5	0
8.5	0	312.6	10.5	0
9	0	309	10.5	0
9.5	0	307.2	11.2	0
10	0	305.7	12	0
10.5	0	303.3	13.3	0
11	0	301.3	14.7	0
11.5	0	298.9	15.6	0
12	0	296.8	16.5	0
12.5	0	292.5	16.3	0
13	0	288.1	16.1	0
13.5	0	285.9	15.9	0
14	0	283.6	15.7	0
14.5	0	282.5	15.9	0
15	0	281.5	16.1	0

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800828 700 88282 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	98	341.9	5.1	323
1	179	352.3	7.3	586
1.5	247	359.3	8.4	809
2	315	4.7	9.5	1032
2.5	382	10.9	9.5	1254
3	450	17	9.7	1477
3.5	518	20.9	9.5	1700
4	586	25	9.4	1923
4.5	654	25.6	8.7	2145
5	722	26.2	8.1	2368
5.5	790	22.3	8	2591
6	858	18.3	8	2814
6.5	926	11.1	8.2	3036
7	994	4.4	8.5	3259
7.5	1062	355.5	8.5	3482
8	1129	346.8	8.7	3704
8.5	1197	339	9.4	3927
9	1265	332.4	10.3	4150
9.5	1333	328.3	11	4373
10	1401	324.7	11.7	4595
10.5	1469	323.3	11.8	4818
11	1537	321.9	12	5041
11.5	1605	320.9	12.1	5264
12	1673	320	12.3	5487
12.5	1741	316.7	12.3	5711
13	1809	313.5	12.4	5934
13.5	1877	309.7	12.6	6157
14	1945	306	12.9	6381
14.5	2013	304.3	13.4	6604
15	2081	302.7	14	6827
15.5	2150	300.1	14.6	7051
16	2218	297.8	15.2	7274
16.5	2286	292.4	16.3	7498
17	2354	287.7	17.5	7721
17.5	2422	283.5	18.5	7944
18	2490	279.7	19.6	8168
18.5	2558	278	19.7	8391
19	2626	276.4	19.9	8614
19.5	2695	276.3	19.9	8838
20	2763	276.3	20	9061
20.5	2831	274.6	20	9285
21	2899	272.9	20	9508
21.5	2967	271.4	20.2	9731
22	3035	269.9	20.4	9955
22.5	3103	270.9	20.3	10178

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800828 900 88283 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	123	45.7	7	405
1	254	47.4	6.8	834
1.5	388	46.5	6.9	1271
2	507	45.7	7	1663
2.5	614	33.5	6.6	2013
3	705	20.4	6.5	2313
3.5	797	6.6	6	2614
4	889	351.4	5.9	2915
4.5	975	343.5	5.5	3199
5	1041	334.8	5.3	3416
5.5	1108	328.5	5.9	3633
6	1174	323.4	6.5	3850
6.5	1240	320.5	7.2	4067
7	1307	318.2	8	4286
7.5	1375	318.3	8.7	4509
8	1441	318.3	9.5	4726
8.5	1506	318.8	10.2	4940
9	1565	319.3	11	5133
9.5	1628	317.9	11.5	5339
10	1699	316.7	12.1	5574
10.5	1768	315.2	12.3	5798
11	1836	313.7	12.6	6022
11.5	1904	309.4	12.5	6246
12	1982	305	12.4	6501
12.5	2070	297.7	12.5	6791
13	2133	290.6	12.7	6997
13.5	2190	285.3	13.6	7183
14	2266	280.7	14.7	7431
14.5	2341	278.5	16	7679
15	2416	276.7	17.3	7926
15.5	2492	276.2	18.1	8174
16	2568	275.7	19	8422
16.5	2643	273.9	19.3	8670
17	2719	272.2	19.7	8917
17.5	2796	271.3	19.8	9170
18	2875	270.4	20	9429
18.5	2954	270.4	20	9689
19	3032	270.4	20	9946
19.5	3123	271	19.9	10245
20	3206	271.7	19.9	10517
20.5	3284	273.7	19.8	10771
21	3361	275.7	19.7	11024

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800828 1100 88284 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	119	46.5	3.8	389
1	222	57.3	3.9	729
1.5	316	57.1	4.8	1035
2	409	56.9	5.7	1342
2.5	503	51.9	6.4	1649
3	596	47.8	7.1	1955
3.5	690	36.8	5.7	2262
4	783	20	4.7	2569
4.5	877	350.5	4.2	2876
5	970	322.4	4.9	3182
5.5	1064	310.4	5.8	3489
6	1157	301.7	6.8	3796
6.5	1251	299.8	7.7	4102
7	1344	298.3	8.7	4409
7.5	1438	300.4	9.5	4716
8	1531	302.1	10.3	5023
8.5	1610	302	11	5282
9	1686	301.9	11.8	5530
9.5	1762	301.8	12.7	5778
10	1837	301.7	13.6	6026
10.5	1913	303.6	14.1	6274
11	1988	305.3	14.6	6522
11.5	2064	306.2	14.2	6770
12	2140	307.2	13.8	7018
12.5	2215	303.8	13.4	7266
13	2291	300.3	13.1	7514
13.5	2366	295.7	13.1	7762
14	2442	291.2	13.1	8010
14.5	2518	290.1	13.2	8258
15	2593	289	13.4	8506
15.5	2669	285.6	13.8	8754
16	2745	282.5	14.3	9002
16.5	2820	279.2	15.1	9250
17	2896	276.2	15.9	9498
17.5	2971	278.4	16.5	9746
18	3047	280.4	17.2	9994
18.5	3123	282.3	17.8	10242
19	3197	284.1	18.4	10487
19.5	3270	284	19.1	10726
20	3343	284	19.8	10966

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800828 1300 88285 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	249	61.1	3.7	816
1	382	57.4	3.5	1253
1.5	488	57.8	4	1601
2	590	58.1	4.6	1935
2.5	674	59.1	5.3	2211
3	758	59.9	6	2486
3.5	842	53.1	5.4	2762
4	926	44.7	4.8	3036
4.5	1009	13.3	3.8	3309
5	1092	337.7	4.3	3582
5.5	1175	316.8	5.5	3855
6	1257	304.4	7.1	4123
6.5	1338	297.8	7.8	4389
7	1420	292.3	8.5	4656
7.5	1502	290.3	9.4	4925
8	1585	288.7	10.4	5200
8.5	1671	290.7	10.9	5481
9	1757	292.6	11.5	5762
9.5	1843	294.2	11.5	6044
10	1928	295.8	11.6	6325
10.5	2014	296.3	11.7	6606
11	2088	296.7	11.8	6850
11.5	2166	297.3	12.1	7104
12	2247	297.9	12.5	7371
12.5	2329	297.3	12.6	7639
13	2410	296.7	12.7	7905
13.5	2490	295.7	12.7	8168
14	2570	294.7	12.8	8431
14.5	2651	294.6	13.4	8694
15	2731	294.6	14.1	8958
15.5	2811	292.1	14.4	9221
16	2891	289.8	14.8	9484
16.5	2972	287.4	14.7	9748
17	3059	285	14.6	10032
17.5	3147	286.4	14.7	10321
18	3225	287.7	14.9	10578
18.5	3305	288.1	15.4	10839
19	3380	288.4	16	11088

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800828 1500 88286 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	118	93.8	1.8	387
1	211	61.3	2.6	693
1.5	288	44.6	3	946
2	366	32.2	3.5	1199
2.5	442	31.8	4.2	1451
3	520	31.6	5	1704
3.5	597	35.5	5.6	1957
4	674	38.6	6.3	2210
4.5	751	34.1	5.7	2463
5	828	28.5	5.1	2715
5.5	905	13.2	4.5	2968
6	982	354.9	4.3	3221
6.5	1059	332.4	5.3	3474
7	1136	318.6	6.9	3727
7.5	1213	310.7	8	3980
8	1290	304.9	9.3	4232
8.5	1367	298.5	9.4	4485
9	1445	292.3	9.7	4738
9.5	1522	288.3	10.3	4991
10	1594	284.8	11	5229
10.5	1666	285.6	11.2	5464
11	1738	286.3	11.5	5699
11.5	1809	288	11.6	5934
12	1881	289.6	11.7	6169
12.5	1952	290.9	12	6404
13	2024	292.1	12.4	6638
13.5	2095	292	12.6	6873
14	2167	291.9	12.8	7108
14.5	2239	292.8	13	7343
15	2310	293.6	13.3	7578
15.5	2382	295.6	13.6	7813
16	2454	297.5	14	8048
16.5	2525	295.7	14.6	8283
17	2597	294.1	15.2	8517
17.5	2668	293.2	15.6	8752
18	2740	292.3	16.1	8987
18.5	2812	292.8	15.6	9222
19	2883	293.4	15.2	9457
19.5	2955	294.5	14.9	9692
20	3027	295.7	14.7	9927
20.5	3098	294.5	14.9	10162
21	3166	293.4	15.2	10384
21.5	3228	291.6	15.4	10587

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800829 1100 88294 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	205	225.4	5.1	673
1	292	220.8	5.1	957
1.5	378	216.7	4.6	1240
2	465	211.8	4.2	1524
2.5	551	210	3.3	1807
3	638	206.8	2.4	2091
3.5	724	208.1	2	2374
4	810	210	1.6	2658
4.5	897	216	1.9	2941
5	983	220.2	2.3	3225
5.5	1070	236.2	2.6	3508
6	1156	248	3.1	3792
6.5	1243	262	3.4	4076
7	1329	273.4	3.8	4359
7.5	1416	287.7	4.1	4643
8	1502	299.4	4.6	4926
8.5	1585	305.6	5.8	5198
9	1654	309.7	7	5424
9.5	1723	306.7	8.9	5650
10	1791	304.7	10.9	5876
10.5	1860	301.3	12.4	6102
11	1930	298.6	13.9	6329
11.5	1998	296.4	14	6555
12	2067	294.2	14.2	6781
12.5	2136	296.2	13.9	7007
13	2205	298.2	13.7	7233
13.5	2274	300.9	13.4	7459
14	2343	303.8	13.2	7685
14.5	2412	304.9	12.7	7911
15	2481	306.1	12.2	8137
15.5	2550	308	11.7	8363
16	2619	310	11.3	8590
16.5	2688	310.9	11.5	8816
17	2757	311.7	11.8	9042
17.5	2826	312.6	12.1	9268
18	2895	313.5	12.4	9494
18.5	2963	314.4	12.5	9720
19	3032	315.3	12.7	9946
19.5	3101	315.1	12.8	10172
20	3170	314.9	12.9	10398
20.5	3241	314.3	12.7	10630

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800829 1300 88295 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	82	223.9	4.5	268
1	164	220.2	4.6	537
1.5	228	215.7	4.8	748
2	288	211.6	5	945
2.5	348	209.2	4.9	1141
3	408	206.8	4.9	1338
3.5	464	209.2	4.7	1521
4	535	211.7	4.6	1756
4.5	611	214.3	4.5	2004
5	670	217.1	4.4	2198
5.5	729	216.2	4.4	2391
6	788	215.3	4.5	2585
6.5	854	210.1	4.2	2800
7	900	204	3.9	2952
7.5	966	210	3.4	3168
8	1032	217.8	3	3384
8.5	1100	243.8	3.3	3608
9	1160	262.5	4.1	3806
9.5	1220	272.3	4.4	4003
10	1281	280.6	4.8	4201
10.5	1341	281.8	4.4	4399
11	1401	283.2	4.1	4596
11.5	1462	287.8	4.4	4794
12	1522	291.8	4.8	4992
12.5	1590	291.1	6	5216
13	1647	290.7	7.3	5402
13.5	1700	287.4	8.3	5577
14	1748	284.8	9.3	5735
14.5	1797	284.8	10	5894
15	1845	284.8	10.6	6052
15.5	1893	285.8	11.1	6210
16	1942	286.8	11.6	6369
16.5	2016	287.6	11.7	6614
17	2109	288.4	11.9	6918
17.5	2202	289.5	11.6	7222
18	2295	290.7	11.3	7526
18.5	2363	297.1	11	7750
19	2429	303.8	10.9	7968
19.5	2475	309.6	11.1	8118
20	2521	315.1	11.4	8268
20.5	2584	315.7	11.8	8474
21	2649	316.3	12.3	8690
21.5	2711	317	12.8	8892
22	2773	317.6	13.4	9095
22.5	2835	317.5	13.3	9298
23	2897	317.4	13.3	9501

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800829 1500 88296 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	112	220.6	5.9	367
1	207	222.8	5.5	678
1.5	276	222	5.2	905
2	345	221.2	4.9	1133
2.5	415	221	5	1360
3	484	220.8	5.1	1587
3.5	553	224.4	5.5	1815
4	623	227.6	5.9	2042
4.5	692	231.8	5.9	2269
5	761	236.1	5.9	2496
5.5	830	241.3	5.2	2724
6	900	248	4.6	2951
6.5	969	253.2	4.1	3178
7	1038	259.8	3.6	3406
7.5	1108	261	3.6	3633
8	1177	262.2	3.6	3860
8.5	1246	268.6	4	4088
9	1316	273.8	4.5	4315
9.5	1385	276.2	5.4	4542
10	1454	278	6.3	4770
10.5	1523	276.4	7.1	4997
11	1596	275.2	7.9	5235
11.5	1674	277.5	8.1	5490
12	1752	279.7	8.4	5745
12.5	1829	283.6	8.5	6000
13	1907	287.5	8.6	6254
13.5	1984	295.3	9.5	6509
14	2062	301.6	10.5	6764
14.5	2140	306.9	11.1	7019
15	2218	311.7	11.8	7274
15.5	2295	317.2	12.1	7529
16	2373	322.4	12.6	7783
16.5	2451	317.9	12.8	8038
17	2528	313.6	13	8293
17.5	2606	309.7	13	8548
18	2684	305.8	13.1	8803
18.5	2762	310.4	13.7	9058
19	2839	314.7	14.3	9312
19.5	2917	314.4	14.3	9567
20	2995	314.2	14.4	9822
20.5	3072	313.2	14.1	10077
21	3150	312.1	13.9	10332
21.5	3221	311.1	13.9	10564
22	3287	310.2	14	10781

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800901 500 89011 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	252	305.9	3.6	826
1	356	311.8	6.4	1168
1.5	440	313.7	7.5	1443
2	516	315.1	8.7	1694
2.5	599	316	8.6	1964
3	685	316.9	8.5	2247
3.5	759	316.5	8.3	2490
4	833	316	8.1	2733
4.5	908	315.9	8	2977
5	982	315.7	7.9	3220
5.5	1056	316.5	7.7	3465
6	1134	317.4	7.5	3718
6.5	1210	319.9	7.2	3970
7	1290	322.6	6.9	4230
7.5	1377	322.5	6.8	4518
8	1465	322.3	6.8	4806
8.5	1554	321.7	6.8	5097
9	1644	321.2	6.9	5391
9.5	1733	322.2	7.1	5685
10	1822	323.1	7.4	5976
10.5	1913	322.9	7.1	6273
11	2005	322.6	6.9	6575
11.5	2097	323.7	6.7	6878
12	2184	324.8	6.6	7162
12.5	2263	325.8	6.9	7423
13	2348	326.7	7.3	7703
13.5	2434	324.3	7.4	7983
14	2519	322	7.5	8263
14.5	2605	321	7.2	8543
15	2690	320	6.9	8822
15.5	2777	321.2	7.2	9108
16	2867	322.2	7.6	9403
16.5	2956	321.1	8	9697
17	3046	320.1	8.5	9992
17.5	3136	320.5	8.4	10286
18	3221	321	8.4	10566

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800901 700 89012 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	130	246.8	7.7	427
1	216	256.8	6.5	708
1.5	302	258.4	7.5	989
2	387	259.6	8.6	1270
2.5	473	257.5	9.7	1551
3	559	255.9	10.8	1832
3.5	644	255.4	10.2	2113
4	730	254.9	9.6	2394
4.5	816	252.3	9.4	2675
5	901	249.6	9.2	2956
5.5	987	248.1	9.4	3237
6	1073	246.6	9.6	3518
6.5	1158	247.5	10	3799
7	1244	248.3	10.5	4080
7.5	1330	250.1	10.8	4361
8	1415	251.7	11.2	4642
8.5	1501	251.6	11.8	4923
9	1587	251.6	12.5	5206
9.5	1674	250.4	12.9	5490
10	1760	249.2	13.3	5773
10.5	1847	247.4	12.9	6057
11	1933	245.5	12.6	6341
11.5	2020	244.6	11.8	6624
12	2106	243.5	11.1	6908
12.5	2193	241.8	10.3	7192
13	2279	239.9	9.5	7475
13.5	2366	239.2	9.4	7759
14	2452	238.5	9.4	8043
14.5	2539	241.8	9.9	8327
15	2625	244.8	10.5	8610
15.5	2712	246.8	10.6	8894
16	2798	248.8	10.8	9178
16.5	2884	249.9	10.8	9461
17	2971	251.1	10.8	9745
17.5	3058	252.2	10.7	10029
18	3144	253.4	10.7	10312
18.5	3216	253.3	11	10548
19	3288	253.3	11.3	10784

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800901 900 89013 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	118	231	5.3	387
1	243	234.8	6.8	797
1.5	344	241.2	8.2	1128
2	414	245.7	9.6	1358
2.5	484	249.1	10.2	1588
3	537	252.1	10.9	1762
3.5	593	254.3	10.8	1945
4	663	256.6	10.7	2175
4.5	721	259.7	10.6	2364
5	779	262.9	10.6	2554
5.5	836	263.3	10.6	2743
6	894	263.7	10.6	2932
6.5	952	263.7	10.6	3122
7	1009	263.7	10.6	3311
7.5	1067	264.1	10.5	3501
8	1129	264.5	10.5	3703
8.5	1197	263.3	10.3	3926
9	1265	262	10.2	4148
9.5	1332	259.9	10.2	4370
10	1400	257.9	10.3	4592
10.5	1461	257.7	10.6	4792
11	1542	257.5	10.9	5059
11.5	1609	256.9	11.2	5279
12	1683	256.4	11.5	5521
12.5	1756	256	11.4	5761
13	1830	255.6	11.4	6001
13.5	1903	255.6	11.3	6242
14	1977	255.5	11.2	6486
14.5	2052	254.8	11.2	6731
15	2118	254.1	11.3	6948
15.5	2179	253.6	11.2	7146
16	2237	253.1	11.1	7338
16.5	2293	253	11	7520
17	2348	252.9	11	7702
17.5	2404	252.5	10.9	7884
18	2456	252.1	10.9	8056
18.5	2506	250.5	10.6	8221
19	2557	248.9	10.4	8386
19.5	2607	247.5	10.3	8551
20	2657	246	10.2	8715
20.5	2707	244.5	10.3	8879
21	2761	243.1	10.5	9055
21.5	2815	243.1	10.2	9234
22	2870	243	10	9414
22.5	2925	242	10	9594
23	2988	241.1	10	9802

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8	BEUKERS LABORATORIES INC
SITE :BOSTON	FLOWERFIELD BLDG 7
LATITUDE :42 21	ST. JAMES, N.Y. 11780
LONGITUDE :71 04	
HEIGHT ABOVE SEA LEVEL :35	
PROGRAM CODE :801210-1	

DATE	TIME	FLT.NO.	STATION
800901	1100	89014	BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	69	220.8	7.2	225
1	140	225.4	7.7	459
1.5	215	230.1	8.3	704
2	289	234.1	9	949
2.5	364	237.5	9.4	1194
3	439	240.7	9.8	1439
3.5	513	241.3	9.6	1684
4	588	241.9	9.5	1929
4.5	663	241.6	10	2174
5	737	241.3	10.5	2418
5.5	812	244.9	11.4	2663
6	887	248	12.4	2908
6.5	961	251.6	12.8	3153
7	1036	255	13.3	3398
7.5	1111	255.2	13.5	3643
8	1185	255.3	13.8	3888
8.5	1260	256	13.4	4133
9	1335	256.8	13.1	4378
9.5	1409	260.9	12.7	4623
10	1484	265.2	12.4	4868
10.5	1554	266.5	12.5	5096
11	1615	267.8	12.7	5297
11.5	1676	266.5	12.4	5498
12	1738	265.2	12.1	5700
12.5	1799	265.5	11.9	5901
13	1860	265.9	11.8	6102
13.5	1922	266.6	11.9	6304
14	1983	267.3	12.1	6505
14.5	2045	268.7	12.1	6707
15	2106	270	12.2	6908
15.5	2167	268.9	12.3	7109
16	2229	267.9	12.4	7311
16.5	2290	266.5	12.6	7512
17	2352	265.2	12.8	7713
17.5	2413	267.7	13	7915
18	2474	270.2	13.3	8116
18.5	2536	269.8	13.5	8317
19	2597	269.4	13.7	8519
19.5	2659	266.3	13.7	8720
20	2720	263.3	13.7	8922
20.5	2781	261.3	13.4	9123
21	2843	259.3	13.1	9324
21.5	2904	255.9	12.3	9526
22	2966	252	11.6	9727
22.5	3027	256.3	11.4	9928
23	3088	260.8	11.2	10130

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800901 1300 89015 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	87	222	9.1	284
1	204	229.3	8.7	670
1.5	330	234.1	8.9	1082
2	513	238.6	9.1	1683
2.5	631	239.7	9.6	2071
3	750	240.6	10.1	2460
3.5	869	241	10.3	2849
4	975	241.3	10.5	3197
4.5	1075	243.2	10.9	3525
5	1154	244.9	11.4	3786
5.5	1220	248.3	11.6	4001
6	1285	251.6	11.9	4216
6.5	1351	255.3	12	4431
7	1441	258.9	12.1	4726
7.5	1531	259.9	12.8	5022
8	1605	260.8	13.5	5265
8.5	1680	261.5	13.8	5509
9	1755	262.1	14.1	5758
9.5	1838	264.2	14.1	6030
10	1922	266.3	14.2	6304
10.5	2007	268.3	14.6	6583
11	2091	270.1	15.1	6860
11.5	2175	271.7	15.3	7135
12	2247	273.2	15.5	7370
12.5	2310	274.6	15.4	7576
13	2373	276.1	15.3	7783
13.5	2436	275.1	15.1	7990
14	2499	274.1	15	8197
14.5	2562	272.2	14.9	8404
15	2630	270.2	14.9	8628
15.5	2706	268.9	15.3	8876
16	2782	267.7	15.8	9125
16.5	2858	265.8	15.9	9374
17	2934	264	16.1	9623
17.5	3010	262.1	15.7	9872
18	3089	260.1	15.4	10131
18.5	3170	259	15.2	10398
19	3238	257.8	15.1	10619
19.5	3305	258	14.8	10840

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800901 1500 89016 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	103	238.4	8	338
1	227	231.7	9.2	743
1.5	350	228.7	10.2	1148
2	473	226.3	11.2	1553
2.5	597	229.7	11.3	1959
3	721	233	11.5	2364
3.5	844	237.5	11.3	2769
4	968	242.2	11.2	3174
4.5	1091	246	11.6	3579
5	1215	249.6	12	3985
5.5	1338	255	12.4	4390
6	1462	260	13	4795
6.5	1568	263.9	13.2	5144
7	1649	267.6	13.4	5408
7.5	1730	269.2	13.4	5673
8	1810	270.8	13.4	5937
8.5	1891	272.9	13.1	6202
9	1971	275	12.9	6466
9.5	2052	277	12.5	6731
10	2133	279.1	12.2	6995
10.5	2213	278.8	12.1	7260
11	2294	278.5	12.1	7524
11.5	2375	277.4	12.1	7789
12	2455	276.3	12.2	8053
12.5	2536	276.9	12.3	8318
13	2616	277.4	12.5	8582
13.5	2697	277	12.8	8847
14	2778	276.7	13.2	9111
14.5	2859	277.7	13.1	9376
15	2939	278.7	13.1	9640
15.5	3020	280.9	13.2	9905
16	3100	283.1	13.4	10169
16.5	3181	281.6	13.5	10434
17	3266	280.2	13.6	10711

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800902 500 89021 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	147	237.5	6.5	481
1	243	250.7	10.4	797
1.5	333	258.1	12.5	1092
2	404	263.4	14.7	1325
2.5	466	267.4	14.7	1529
3	529	271.4	14.7	1734
3.5	584	272.3	14.1	1917
4	639	273.2	13.6	2095
4.5	693	272.8	13.3	2273
5	761	272.3	13.1	2497
5.5	833	270.7	13	2731
6	905	269	13	2967
6.5	976	268.1	12.9	3202
7	1048	267.1	12.8	3438
7.5	1120	266.4	12.9	3673
8	1192	265.8	13	3909
8.5	1263	264.2	13.1	4141
9	1334	262.6	13.2	4376
9.5	1408	260.7	13.3	4617
10	1481	258.8	13.4	4857
10.5	1553	256.9	13.3	5093
11	1623	255	13.3	5325
11.5	1695	252.6	13.2	5558
12	1761	250.2	13.1	5777
12.5	1825	246.1	13.3	5987
13	1889	242.2	13.5	6197
13.5	1953	239.1	13.8	6407
14	2017	236.1	14.2	6617
14.5	2083	238.3	14.1	6833
15	2151	240.6	14.1	7054
15.5	2218	237	14.6	7274
16	2288	233.7	15.2	7505
16.5	2363	233.8	15.5	7752
17	2438	233.8	15.8	7998
17.5	2514	240.4	15.8	8245
18	2589	246.9	16.1	8492
18.5	2657	247.6	16.4	8715
19	2725	248.2	16.7	8938
19.5	2793	248.6	16.6	9161
20	2861	249.1	16.6	9384
20.5	2929	249.2	16.4	9607
21	3001	249.4	16.3	9842
21.5	3075	248.9	16.3	10085
22	3149	248.4	16.4	10329
22.5	3198	248.3	16.3	10489
23	3254	248.2	16.3	10673

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800902 700 89022 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	96	220.8	7.2	315
1	158	236.1	9.3	518
1.5	220	246	10	722
2	282	254.4	10.9	926
2.5	344	259	10.7	1129
3	406	263.7	10.5	1333
3.5	468	261.7	10.5	1536
4	530	259.7	10.5	1740
4.5	592	257.2	10.4	1943
5	655	254.6	10.3	2147
5.5	716	252.9	10.6	2350
6	779	251.3	10.9	2554
6.5	841	252.2	11.7	2758
7	903	253	12.6	2961
7.5	965	254.1	13.4	3165
8	1027	255	14.2	3368
8.5	1089	254.7	14.6	3572
9	1151	254.5	15.1	3775
9.5	1213	254	15.3	3979
10	1275	253.6	15.6	4183
10.5	1337	253.4	15.7	4386
11	1399	253.3	15.9	4590
11.5	1461	253.3	15.5	4793
12	1523	253.4	15.2	4996
12.5	1584	252.1	15	5197
13	1646	250.7	14.8	5398
13.5	1707	248.8	14.9	5599
14	1768	247	15.1	5800
14.5	1830	245.7	15.2	6001
15	1891	244.4	15.4	6202
15.5	1952	243.7	15.7	6403
16	2013	243	16	6604
16.5	2075	241.3	16.2	6805
17	2136	239.7	16.5	7006
17.5	2197	236.9	16.5	7207
18	2259	234.2	16.6	7408
18.5	2320	234.2	16.6	7609
19	2381	234.2	16.6	7810
19.5	2442	235.4	16.5	8011
20	2504	236.7	16.4	8212
20.5	2565	238.8	16.2	8413
21	2626	240.9	16.1	8614
21.5	2688	243	16	8815
22	2748	245.2	16	9015
22.5	2810	244.9	15.9	9216
23	2871	244.5	15.9	9417

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800902 900 89023 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	74	213	5.2	244
1	219	228.5	7.7	719
1.5	389	236.1	9.8	1276
2	468	241	12.1	1536
2.5	548	244.5	12.4	1797
3	627	247.9	12.8	2057
3.5	707	248.9	12	2318
4	786	250.1	11.2	2579
4.5	860	248.6	11.2	2821
5	929	247.1	11.3	3048
5.5	996	247.6	11.4	3268
6	1063	248.1	11.5	3487
6.5	1130	251.4	11.3	3706
7	1197	254.7	11.2	3925
7.5	1264	256.8	11.5	4145
8	1330	258.8	11.9	4364
8.5	1397	261.1	12.2	4583
9	1464	263.2	12.6	4802
9.5	1531	264.8	13	5022
10	1606	266.4	13.4	5269
10.5	1682	265.1	13.8	5517
11	1757	263.9	14.3	5764
11.5	1833	263.1	14.8	6012
12	1908	262.3	15.3	6259
12.5	1984	261.3	15.6	6507
13	2059	260.3	15.9	6754
13.5	2135	258.8	16.1	7002
14	2210	257.3	16.3	7249
14.5	2286	255.7	16.3	7497
15	2361	254.2	16.4	7744
15.5	2437	252.6	16.7	7994
16	2513	251	17	8244
16.5	2590	251.4	17.1	8494
17	2666	251.8	17.3	8744
17.5	2743	251.6	17.4	8997
18	2822	251.4	17.5	9257
18.5	2905	251.9	17.5	9528
19	2980	252.4	17.5	9776
19.5	3053	253	17.4	10015
20	3126	253.7	17.3	10253
20.5	3204	251	17.3	10509
21	3276	248.3	17.3	10746

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800902 1100 89024 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	102	237.9	5.2	335
1	185	237.8	5.5	606
1.5	268	239.7	5.7	878
2	351	241.4	6	1150
2.5	434	245.2	7.1	1422
3	516	247.9	8.2	1694
3.5	599	250	9.6	1966
4	682	251.5	11.1	2238
4.5	765	253.2	11.6	2510
5	848	254.8	12.2	2782
5.5	931	255	12.8	3054
6	1014	255.1	13.4	3326
6.5	1097	256.1	13.5	3598
7	1180	257.1	13.7	3870
7.5	1263	259.2	13.6	4142
8	1346	261.4	13.6	4414
8.5	1429	261.5	13.7	4686
9	1511	261.5	13.9	4957
9.5	1584	258.8	13.3	5194
10	1653	255.9	12.7	5421
10.5	1722	251.3	12.6	5649
11	1791	246.7	12.5	5876
11.5	1861	246.9	12.6	6104
12	1930	247	12.7	6331
12.5	2000	248.2	12.8	6559
13	2069	249.3	12.9	6786
13.5	2138	248.8	13.3	7014
14	2208	248.4	13.8	7241
14.5	2277	249.5	13.6	7469
15	2347	250.7	13.5	7697
15.5	2416	249.6	13.7	7924
16	2485	248.6	13.9	8152
16.5	2555	246.9	14.3	8379
17	2624	245.4	14.8	8607
17.5	2693	245.1	14.8	8834
18	2763	244.8	14.8	9062
18.5	2832	245.7	15	9289
19	2902	246.6	15.3	9517
19.5	2971	248.1	15.9	9744
20	3040	249.5	16.5	9972
20.5	3109	249.8	17	10199
21	3180	250	17.6	10431
21.5	3256	250.3	17.6	10679
22	3331	250.6	17.7	10927

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800902 1300 89025 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	61	236.1	9.3	199
1	145	229.7	9.3	476
1.5	266	226.9	9.4	871
2	376	224.1	9.5	1232
2.5	440	224.8	9.8	1442
3	497	225.4	10.2	1629
3.5	553	225.1	10.4	1815
4	621	224.9	10.6	2036
4.5	695	223.9	10.7	2281
5	775	223	10.9	2543
5.5	877	224	10.6	2878
6	954	225.1	10.4	3129
6.5	1023	227.1	10.1	3357
7	1093	229.2	9.9	3586
7.5	1163	230.4	10.7	3815
8	1253	231.4	11.6	4110
8.5	1373	231.6	12.4	4503
9	1524	231.7	13.3	4999
9.5	1613	232.6	13.6	5290
10	1696	233.5	14	5562
10.5	1754	234.9	14	5752
11	1812	236.4	14	5942
11.5	1870	236.9	13.8	6132
12	1927	237.5	13.6	6322
12.5	1985	237.8	13.6	6512
13	2043	238.1	13.6	6702
13.5	2101	238.4	14	6892
14	2159	238.6	14.5	7082
14.5	2231	239.1	15.1	7317
15	2303	239.6	15.7	7553
15.5	2370	241.9	15.4	7774
16	2437	244.2	15.2	7992
16.5	2503	247.4	15	8210
17	2570	250.7	14.8	8429
17.5	2636	251	15.1	8647
18	2703	251.3	15.4	8865
18.5	2769	251.6	15.7	9083
19	2836	251.9	16.1	9301
19.5	2899	253.6	16.2	9510
20	2960	255.2	16.3	9709
20.5	3011	256.2	16.2	9876
21	3066	257.2	16.1	10058
21.5	3123	258.1	15.8	10243
22	3180	259.1	15.6	10431
22.5	3233	259.5	15.3	10603
23	3285	260	15.1	10776

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800902 1500 89026 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	175	233.7	11.5	573
1	334	231	12.5	1097
1.5	494	230.6	11.6	1621
2	654	230.1	10.7	2144
2.5	813	224.8	11	2668
3	973	219.7	11.3	3192
3.5	1133	219.1	12.5	3716
4	1292	218.6	13.7	4239
4.5	1452	223.6	13.6	4763
5	1557	228.7	13.6	5107
5.5	1626	231.4	14.5	5332
6	1694	233.8	15.5	5557
6.5	1763	235.4	16	5781
7	1831	236.9	16.5	6006
7.5	1900	239.6	16.1	6231
8	1968	242.5	15.7	6455
8.5	2037	243.8	15.6	6680
9	2105	245.2	15.6	6905
9.5	2173	247.3	15.4	7129
10	2242	249.4	15.2	7354
10.5	2311	253.7	14.9	7579
11	2379	258.2	14.6	7803
11.5	2448	259	14.6	8028
12	2516	259.9	14.6	8253
12.5	2584	259.3	14.6	8477
13	2653	258.7	14.6	8702
13.5	2722	258.9	15	8927
14	2790	259.1	15.5	9152
14.5	2859	259.1	15.4	9376
15	2927	259	15.3	9601
15.5	2996	258.5	14.7	9826
16	3064	257.9	14.1	10050
16.5	3133	257.6	12.9	10275
17	3213	257.3	11.7	10540
17.5	3302	251.8	10.6	10831
18	3391	245.1	9.7	11122

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800903 500 89031 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	125	269.3	7	409
1	265	290.2	10.5	869
1.5	375	298.9	12.8	1230
2	440	304.8	15.4	1442
2.5	523	309.2	16.1	1716
3	607	313.3	16.8	1990
3.5	688	314.3	16.9	2255
4	763	315.3	17.1	2504
4.5	839	313.5	16.9	2753
5	915	311.7	16.8	3002
5.5	991	310.9	16.6	3251
6	1067	310.1	16.4	3500
6.5	1143	307.2	15.5	3749
7	1219	303.9	14.6	3998
7.5	1295	301	13.9	4247
8	1378	297.9	13.3	4519
8.5	1462	297.1	13.4	4796
9	1553	296.4	13.6	5095
9.5	1649	293.7	13.7	5409
10	1745	291.1	13.8	5723
10.5	1840	286.9	13.7	6036
11	1936	282.6	13.7	6350
11.5	2032	276	14.4	6664
12	2127	270	15.2	6977
12.5	2223	265	16.3	7291
13	2309	260.7	17.6	7574
13.5	2393	257.5	18.6	7849
14	2468	254.6	19.6	8094
14.5	2543	254.1	20.3	8340
15	2617	253.7	21.1	8585
15.5	2692	253.6	21.7	8831
16	2767	253.5	22.3	9076
16.5	2844	252.2	22.7	9327
17	2936	251	23.2	9630
17.5	3028	251.2	23.5	9933
18	3121	251.3	23.9	10237
18.5	3225	253.3	23.4	10578
19	3323	255.3	23	10898

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800903 700 89032 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	141	291.2	5.2	464
1	214	311.8	9.6	703
1.5	287	316.2	10.8	942
2	360	319.7	12	1181
2.5	433	323.1	12	1419
3	505	326.4	12.1	1658
3.5	578	329.2	13.1	1897
4	651	331.5	14.2	2136
4.5	724	332.4	14.2	2374
5	797	333.3	14.3	2613
5.5	870	333.9	14.5	2852
6	942	334.5	14.7	3091
6.5	1015	335.7	14.6	3329
7	1088	337	14.5	3568
7.5	1161	337.3	13.7	3807
8	1234	337.6	13	4046
8.5	1306	335.5	12	4284
9	1379	333.1	11	4523
9.5	1452	327.7	10.3	4762
10	1524	321.6	9.8	4998
10.5	1594	314.4	9.1	5227
11	1663	306.1	8.6	5455
11.5	1733	296.2	8.8	5683
12	1802	287	9.2	5912
12.5	1872	281.8	10.4	6140
13	1941	277.6	11.6	6368
13.5	2011	276.9	12.3	6597
14	2081	276.2	13.1	6825
14.5	2150	272	13.6	7053
15	2220	268.1	14.1	7282
15.5	2290	263.9	14.2	7510
16	2359	259.8	14.4	7738
16.5	2429	259	14.6	7967
17	2498	258.2	14.8	8195
17.5	2568	259	15.2	8423
18	2638	259.7	15.7	8652
18.5	2707	260.5	15.8	8880
19	2777	261.3	16	9108
19.5	2847	262.7	16.4	9337
20	2916	264	16.8	9565
20.5	2986	266	16.9	9793
21	3055	268	17	10022
21.5	3125	270.6	16.7	10250
22	3197	273.2	16.4	10487

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800903 900 89033 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	0	299.7	4.1	0
1	0	314.7	4.8	0
1.5	0	326.5	6.2	0
2	0	333.8	7.7	0
2.5	0	337.4	9.7	0
3	0	339.8	11.7	0
3.5	0	339	12.3	0
4	0	338.3	13	0
4.5	0	335.5	12.1	0
5	0	332.3	11.3	0
5.5	0	328.6	10.7	0
6	0	324.5	10.2	0
6.5	0	320.9	9.6	0
7	0	316.8	9.1	0
7.5	0	312.9	8.6	0
8	0	308.5	8.2	0
8.5	0	302.6	8.1	0
9	0	296.5	8	0
9.5	0	292	8.1	0
10	0	287.7	8.2	0
10.5	0	292.9	8.5	0
11	0	297.7	8.8	0
11.5	0	302.3	9	0
12	0	306.7	9.2	0
12.5	0	301.6	9.3	0
13	0	296.6	9.4	0
13.5	0	291.1	9.9	0
14	0	286.1	10.4	0
14.5	0	285.1	10.6	0
15	0	284.2	10.9	0
15.5	0	284.1	11.4	0
16	0	284	11.9	0
16.5	0	285.6	12.4	0
17	0	287.1	13	0
17.5	0	288.3	13.3	0
18	0	289.5	13.6	0
18.5	0	286.9	13.5	0
19	0	284.3	13.4	0
19.5	0	281.9	13.4	0
20	0	279.6	13.5	0

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800903 1100 89034 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	95	300.9	5.4	312
1	190	303.9	5.3	624
1.5	286	306	5.5	937
2	381	307.9	5.8	1249
2.5	476	308.6	6.1	1562
3	572	309.2	6.5	1875
3.5	667	309.2	6.5	2187
4	762	309.2	6.5	2500
4.5	858	309.5	6.5	2813
5	953	309.7	6.6	3126
5.5	1048	310.2	6.7	3438
6	1144	310.7	6.9	3751
6.5	1239	311.2	7	4064
7	1334	311.6	7.2	4377
7.5	1430	312.4	7.5	4689
8	1525	313.2	7.8	5002
8.5	1601	310.8	7.8	5250
9	1676	308.4	7.8	5498
9.5	1752	304.3	7.5	5746
10	1827	299.9	7.3	5993
10.5	1903	301.1	7.1	6241
11	1978	302.3	6.9	6489
11.5	2054	299.1	6.6	6737
12	2130	295.5	6.3	6985
12.5	2205	290.3	6.4	7233
13	2280	285.3	6.6	7480
13.5	2356	288.7	7.3	7728
14	2432	291.4	8.1	7976
14.5	2507	293.4	8.3	8224
15	2583	295.3	8.6	8472
15.5	2659	296.5	8.6	8720
16	2734	297.7	8.6	8967
16.5	2809	298	9	9215
17	2885	298.2	9.5	9463
17.5	2961	296.6	10.3	9711
18	3036	295.3	11.2	9959
18.5	3112	290.5	11.7	10207
19	3182	286.2	12.3	10438
19.5	3250	281.6	13	10659

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800903 1300 89035 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	114	317.1	3.7	374
1	288	324.1	4.8	944
1.5	486	322.2	5.7	1594
2	698	320.9	6.7	2290
2.5	903	313.8	7.4	2963
3	1104	308	8.1	3622
3.5	1298	303.4	7.8	4256
4	1461	298.5	7.6	4791
4.5	1578	292	7.1	5175
5	1651	284.8	6.8	5415
5.5	1719	282.2	7	5638
6	1786	279.8	7.2	5859
6.5	1854	281.3	7.1	6080
7	1944	282.9	7	6377
7.5	2041	281.5	7	6694
8	2138	280.1	7.1	7011
8.5	2219	281	7.5	7278
9	2291	281.9	7.9	7513
9.5	2358	291.6	9.4	7735
10	2424	298.5	11	7951
10.5	2505	295	10	8216
11	2589	290.8	9	8491
11.5	2673	283.1	7.9	8766
12	2757	273.1	6.9	9042
12.5	2841	279.8	8.7	9317
13	2924	284.2	10.5	9592
13.5	3009	280.2	11.7	9868
14	3088	276.9	13	10127
14.5	3167	276	13.6	10389
15	3250	275.2	14.2	10659
15.5	3329	277.4	14.4	10920

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
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SITE NO. :8
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LATITUDE :42 21
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HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800903 1500 89036 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	84	305.9	7.1	277
1	159	307.1	7.8	521
1.5	218	307.2	8.2	716
2	277	307.3	8.6	910
2.5	337	307.9	8.4	1105
3	396	308.5	8.2	1300
3.5	456	311.6	8.1	1495
4	515	314.8	8	1690
4.5	575	313.4	7.9	1885
5	634	311.9	7.8	2079
5.5	693	306.7	7.3	2274
6	753	300.8	6.9	2469
6.5	812	300.6	6.6	2664
7	872	300.4	6.3	2859
7.5	931	300.2	5.9	3054
8	990	299.9	5.6	3248
8.5	1050	296.7	5.6	3443
9	1109	293.5	5.7	3638
9.5	1169	293.2	5.9	3833
10	1228	292.9	6.2	4028
10.5	1288	293.8	6.3	4223
11	1347	294.7	6.4	4417
11.5	1406	294.3	6.5	4612
12	1466	294	6.6	4807
12.5	1525	293.5	6.4	5002
13	1590	292.9	6.2	5215
13.5	1655	291.7	6.2	5428
14	1720	290.6	6.3	5641
14.5	1785	289.5	6.7	5854
15	1850	288.5	7.2	6067
15.5	1915	286.2	7.3	6280
16	1980	283.9	7.5	6493
16.5	2044	280.7	7.3	6705
17	2109	277.4	7.2	6918
17.5	2174	283.6	7.2	7131
18	2239	289.9	7.2	7344
18.5	2304	282.5	7.8	7557
19	2369	276.3	8.6	7770
19.5	2434	275.2	9	7983
20	2499	274.3	9.5	8196
20.5	2564	283.1	8.9	8409
21	2629	292.9	8.6	8622
21.5	2694	292.1	8.8	8835
22	2759	291.4	9.1	9048
22.5	2823	289	9.9	9261
23	2888	287	10.7	9474

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800904 500 89041 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	143	7.2	6.3	469
1	232	12.4	4.9	760
1.5	316	27.8	3.7	1038
2	405	54.6	2.9	1327
2.5	493	78.8	2.8	1616
3	580	100.6	3.2	1904
3.5	669	93.1	2.5	2195
4	760	79.8	1.8	2493
4.5	848	35.1	1.7	2780
5	920	4.6	2.5	3018
5.5	1000	346.2	2.4	3280
6	1078	327.9	2.5	3536
6.5	1153	303.4	2.5	3783
7	1229	282.5	2.9	4030
7.5	1304	278	3.2	4277
8	1379	274.2	3.5	4523
8.5	1454	279.1	3.8	4769
9	1529	283.2	4.1	5015
9.5	1602	285.6	4.3	5255
10	1674	287.8	4.5	5491
10.5	1746	287.7	4.7	5726
11	1817	287.6	4.9	5959
11.5	1886	285.4	5.8	6185
12	1956	283.8	6.7	6415
12.5	2030	285.1	7.3	6657
13	2102	286.1	8	6895
13.5	2183	292.1	8.3	7160
14	2263	297.7	8.6	7423
14.5	2335	302.3	9	7659
15	2401	306.5	9.4	7874
15.5	2466	307.8	9.9	8089
16	2532	309	10.5	8305
16.5	2612	307.3	10.9	8568
17	2696	305.8	11.3	8844
17.5	2770	305.1	11.7	9085
18	2841	304.4	12.1	9318
18.5	2912	305.6	12.5	9551
19	2986	306.8	12.9	9794
19.5	3060	305.7	12.9	10036
20	3134	304.7	13	10278
20.5	3211	304.2	12.9	10533
21	3292	303.6	12.8	10797

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800904 700 89042 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	157	14.2	5	514
1	269	32.8	2.8	881
1.5	370	65.5	1.8	1212
2	470	114.6	2	1543
2.5	571	118.9	1.5	1874
3	672	126.6	1.1	2205
3.5	773	1.2	.2	2536
4	874	317.6	1.3	2867
4.5	975	301.2	2	3198
5	1076	293.4	2.7	3529
5.5	1177	284.7	3.2	3859
6	1277	278.4	3.7	4190
6.5	1378	279.1	3.8	4521
7	1479	279.7	3.9	4852
7.5	1577	283.3	4.3	5174
8	1665	286.2	4.8	5460
8.5	1752	288.3	5.6	5746
9	1839	289.9	6.5	6032
9.5	1926	292.7	7.1	6318
10	2014	295.1	7.8	6605
10.5	2101	297.7	8	6891
11	2188	300.2	8.3	7177
11.5	2275	303.1	8.6	7463
12	2363	305.9	8.9	7749
12.5	2450	309.1	9.5	8035
13	2537	312	10.1	8321
13.5	2624	311.1	10.6	8607
14	2711	310.3	11.1	8893
14.5	2799	308.6	11.5	9180
15	2886	307.1	11.9	9466
15.5	2973	307.1	11.9	9752
16	3060	307.1	11.9	10038
16.5	3148	306	11.4	10324
17	3233	304.7	10.9	10603
17.5	3317	304.1	11	10880
18	3402	303.6	11.2	11157

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800904 900 89043 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	140	135.7	1.1	459
1	283	104.8	.8	928
1.5	433	102	1.2	1419
2	582	100.6	1.6	1909
2.5	714	110.7	2	2342
3	831	117.1	2.5	2725
3.5	922	130.4	2.2	3023
4	1001	147.1	2	3284
4.5	1090	175.3	1.3	3574
5	1192	222	1.3	3911
5.5	1265	267	1.9	4150
6	1338	284.8	3	4390
6.5	1410	286.6	3.7	4625
7	1476	287.8	4.5	4840
7.5	1541	284.8	4.7	5054
8	1616	282.1	4.9	5300
8.5	1685	283.8	5.1	5526
9	1759	285.4	5.3	5771
9.5	1834	290.2	5.9	6016
10	1906	294	6.6	6252
10.5	1967	295.6	7	6453
11	2030	297.1	7.4	6658
11.5	2096	299.6	7.3	6876
12	2165	302.1	7.2	7102
12.5	2234	307.8	7.3	7327
13	2302	313.4	7.4	7551
13.5	2367	315.9	7.7	7765
14	2433	318.2	8	7979
14.5	2498	314.6	8.2	8193
15	2563	311.3	8.5	8406
15.5	2630	311.2	9.1	8627
16	2698	311.1	9.7	8849
16.5	2766	310.9	10	9072
17	2835	310.7	10.4	9299
17.5	2910	308.1	10.4	9545
18	2976	305.5	10.5	9760
18.5	3045	302.5	10.9	9986
19	3117	299.8	11.4	10225
19.5	3190	295.5	11.7	10463
20	3256	291.5	12	10679
20.5	3322	288.7	12	10895
21	3388	285.9	12.1	11111

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800904 1100 89044 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	141	79.3	3.2	462
1	238	105.7	3.6	782
1.5	308	116.4	3.4	1009
2	377	127.7	3.4	1235
2.5	446	134.3	2.6	1462
3	515	146.7	1.8	1688
3.5	584	160.1	1.6	1914
4	653	176.3	1.5	2141
4.5	722	194.1	1.3	2367
5	791	216.6	1.2	2594
5.5	860	242.7	1.4	2820
6	929	259.8	1.8	3047
6.5	998	264.5	2.3	3273
7	1067	267.4	2.9	3500
7.5	1136	265.7	3.5	3726
8	1205	264.5	4.2	3953
8.5	1274	260.1	4.8	4179
9	1343	256.7	5.4	4406
9.5	1412	255.7	5.8	4632
10	1481	254.9	6.2	4859
10.5	1550	256.4	6.3	5085
11	1617	257.9	6.4	5304
11.5	1682	260.6	6.5	5517
12	1747	263.2	6.6	5730
12.5	1812	267.7	6.6	5943
13	1877	272.2	6.6	6156
13.5	1942	275.4	6.2	6369
14	2007	279.1	5.8	6582
14.5	2072	283	5.5	6795
15	2137	287.3	5.3	7008
15.5	2202	291.6	5.6	7221
16	2266	295.4	6	7434
16.5	2331	300.1	6	7647
17	2396	304.7	6.1	7860
17.5	2462	311.5	5.6	8074
18	2527	319.5	5.2	8287
18.5	2591	322.9	5.2	8500
19	2656	326.4	5.2	8713
19.5	2721	319.1	6.1	8926
20	2786	313.6	7	9139
20.5	2851	305.3	7.6	9352
21	2916	298.3	8.4	9565
21.5	2981	296.2	8.8	9778
22	3046	294.3	9.2	9991
22.5	3111	294.9	9.4	10204
23	3176	295.5	9.7	10417

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800904 1300 89045 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	155	101.5	4	508
1	274	114.6	4.1	898
1.5	361	123.5	4.1	1185
2	449	132.1	4.2	1473
2.5	537	143.1	3.7	1761
3	620	156.7	3.4	2035
3.5	688	174.9	3.1	2258
4	756	194.9	3.1	2481
4.5	824	208.8	3	2704
5	893	222.7	3.1	2929
5.5	961	230.5	3.3	3152
6	1028	237.4	3.5	3371
6.5	1095	241.8	4	3591
7	1162	245.3	4.5	3811
7.5	1229	246.9	5.1	4031
8	1296	248.1	5.7	4251
8.5	1363	250.2	6.2	4471
9	1427	251.9	6.7	4682
9.5	1490	255.4	6.9	4887
10	1565	258.7	7.2	5132
10.5	1643	262.7	7.1	5389
11	1725	266.9	7	5658
11.5	1816	268.9	6.7	5955
12	1889	271.1	6.4	6195
12.5	1961	271.6	5.9	6432
13	2043	272.1	5.5	6702
13.5	2123	279.1	4.6	6964
14	2194	289.1	3.9	7195
14.5	2264	289.3	3.7	7427
15	2335	289.6	3.5	7658
15.5	2405	280.7	4	7890
16	2476	273.8	4.5	8121
16.5	2547	272.8	4.5	8353
17	2616	271.8	4.6	8579
17.5	2684	278.9	4.7	8802
18	2755	285.5	4.9	9037
18.5	2827	290.8	5.3	9272
19	2899	295.3	5.7	9509
19.5	2972	295.4	5.8	9747
20	3034	295.4	6	9950
20.5	3093	295.2	6.6	10144
21	3158	295	7.2	10357
21.5	3234	293.7	8.4	10609
22	3295	292.8	9.6	10809

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800905 500 89051 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	122	193	4.6	401
1	213	207.7	6.8	699
1.5	295	212.7	8.5	966
2	376	216.1	10.2	1234
2.5	447	217	10.5	1466
3	514	217.9	10.9	1686
3.5	581	221.4	10.7	1905
4	647	224.9	10.6	2123
4.5	714	227.8	10.7	2341
5	780	230.6	10.8	2559
5.5	847	230.9	10.5	2777
6	913	231.2	10.2	2995
6.5	976	231.2	9.6	3201
7	1039	231.1	9.1	3407
7.5	1102	232.6	8.3	3614
8	1164	234.3	7.6	3819
8.5	1226	236.1	6.8	4022
9	1288	238.4	6	4225
9.5	1357	240.4	5.9	4452
10	1430	242.4	5.8	4690
10.5	1510	246.5	6.1	4953
11	1584	250.2	6.5	5194
11.5	1647	252.7	6.4	5402
12	1721	255.2	6.3	5644
12.5	1795	257.6	5.5	5887
13	1869	260.9	4.7	6129
13.5	1942	275.4	4.2	6371
14	2011	292.1	4.1	6597
14.5	2077	303	4.8	6811
15	2142	310.9	5.7	7026
15.5	2208	312.7	5.7	7241
16	2273	314.4	5.8	7455
16.5	2329	307.8	5.2	7640
17	2383	299.4	4.6	7816
17.5	2471	280.3	4.6	8105
18	2535	262.8	5	8316
18.5	2600	252.8	5.4	8528
19	2673	244.5	6	8768
19.5	2747	247	6.1	9009
20	2820	249.4	6.2	9249
20.5	2893	256.5	6.3	9489
21	2964	263.2	6.5	9721
21.5	3031	260.9	7	9941
22	3098	258.9	7.6	10161
22.5	3165	255.5	8.5	10381
23	3233	252.8	9.4	10604

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
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LONGITUDE :71 04
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800905 700 89052 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	72	207.8	7	236
1	144	213.4	7	473
1.5	210	211.6	7.3	689
2	272	210	7.6	892
2.5	334	210	8.6	1094
3	395	210	9.6	1297
3.5	457	212.3	10.4	1500
4	519	214.2	11.2	1702
4.5	581	214.1	11.5	1905
5	643	214	11.8	2108
5.5	704	216	11.1	2310
6	766	218.2	10.5	2513
6.5	828	220	9.8	2716
7	890	222	9.1	2918
7.5	952	223	8.7	3121
8	1013	224.1	8.4	3324
8.5	1075	226.9	8.2	3526
9	1137	229.9	8	3729
9.5	1199	231.7	8.1	3932
10	1260	233.4	8.2	4134
10.5	1322	235	7.7	4337
11	1384	236.7	7.3	4540
11.5	1446	236.4	6.7	4742
12	1508	236.1	6.2	4945
12.5	1569	233.8	5.9	5146
13	1629	231.3	5.6	5344
13.5	1689	233.5	5.2	5541
14	1750	236.1	4.9	5739
14.5	1810	241.7	4.5	5936
15	1870	248.2	4.2	6134
15.5	1930	255.6	3.8	6331
16	1990	264.5	3.5	6528
16.5	2051	269.1	3.6	6726
17	2111	273.4	3.8	6923
17.5	2171	277.9	4.1	7121
18	2231	281.8	4.4	7318
18.5	2291	284.8	4.8	7515
19	2352	287.3	5.3	7713
19.5	2412	285.9	5.8	7910
20	2472	284.8	6.3	8108
20.5	2532	284.3	6.9	8305
21	2592	283.9	7.5	8502
21.5	2652	284	7.9	8700
22	2713	284	8.3	8897
22.5	2773	283.6	8.2	9095

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800905 900 89053 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	121	218.2	5.7	398
1	238	213.4	7	779
1.5	350	210.5	8.3	1148
2	463	208.4	9.7	1517
2.5	575	208.2	10.8	1886
3	682	208	12	2237
3.5	741	211.6	11.8	2431
4	811	215.4	11.6	2660
4.5	880	221.2	11.2	2885
5	936	227.4	10.9	3069
5.5	990	230.2	10.6	3247
6	1043	233.1	10.4	3422
6.5	1103	235.7	9.6	3619
7	1165	238.7	8.8	3821
7.5	1227	239.9	8.3	4023
8	1292	241.3	7.8	4239
8.5	1361	240.1	7.4	4465
9	1425	238.7	7.1	4674
9.5	1485	237.5	6.8	4871
10	1545	236.1	6.5	5068
10.5	1612	236.4	6.4	5286
11	1680	236.8	6.3	5510
11.5	1748	239.1	6	5734
12	1815	241.7	5.7	5953
12.5	1880	240.8	5.3	6165
13	1943	239.8	4.9	6374
13.5	2007	242.4	4.7	6583
14	2071	245.3	4.5	6792
14.5	2134	254.5	4.7	7000
15	2198	262.8	5	7209
15.5	2257	266	5.5	7403
16	2319	268.7	6	7605
16.5	2380	264.5	5.9	7807
17	2440	260.2	5.8	8003
17.5	2498	268.9	5.9	8193
18	2556	277.1	6.1	8383
18.5	2615	284.8	6.3	8577
19	2675	291.8	6.7	8774
19.5	2735	287.2	6.3	8971
20	2795	282	5.9	9168
20.5	2844	279.9	6.1	9328
21	2892	278	6.3	9487
21.5	2945	276.5	6.4	9661
22	3001	275	6.5	9843
22.5	3057	273.9	6.7	10026
23	3113	272.9	7	10209

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800905 1100 89054 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	103	224.7	6.4	338
1	208	225.3	7.2	682
1.5	316	221	7.5	1035
2	423	217	7.8	1387
2.5	530	213	7.8	1740
3	638	209	7.8	2092
3.5	745	216.9	8.5	2445
4	853	223.4	9.4	2797
4.5	960	234.1	10.3	3150
5	1068	242.8	11.5	3502
5.5	1175	244.6	11.4	3854
6	1283	246.5	11.4	4207
6.5	1390	245.1	10.6	4559
7	1498	243.5	9.8	4912
7.5	1595	244.5	9	5232
8	1678	245.6	8.2	5503
8.5	1760	243.3	7.3	5774
9	1843	240.3	6.5	6045
9.5	1925	239.6	5.9	6315
10	2008	238.7	5.4	6586
10.5	2091	245	5.7	6857
11	2173	250.5	6.1	7128
11.5	2256	255.4	7	7399
12	2338	259.2	7.9	7670
12.5	2421	262	8.3	7941
13	2504	264.5	8.7	8212
13.5	2586	266.9	8.8	8483
14	2669	269.3	8.9	8754
14.5	2752	271.9	8.6	9025
15	2834	274.7	8.3	9296
15.5	2917	278.7	7.7	9567
16	2999	283.4	7.2	9838
16.5	3082	282.4	6.9	10109
17	3164	281.3	6.6	10379
17.5	3244	278.3	6.1	10639
18	3322	274.9	5.7	10895

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800905 1500 89056 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	123	226.5	6.7	402
1	205	225.5	8.6	672
1.5	277	224.7	9.6	910
2	350	224.1	10.6	1148
2.5	422	223.8	10.8	1385
3	495	223.6	11	1623
3.5	567	225.5	10.9	1860
4	640	227.4	10.9	2098
4.5	712	229.2	10.9	2336
5	784	231.1	10.9	2573
5.5	857	231.8	11.1	2811
6	930	232.5	11.4	3049
6.5	1002	234.5	11.3	3286
7	1074	236.5	11.3	3524
7.5	1147	239	11.1	3761
8	1219	241.5	10.9	3999
8.5	1292	245	10.8	4237
9	1364	248.6	10.7	4474
9.5	1437	250.5	10.9	4712
10	1509	252.3	11.1	4950
10.5	1592	251.8	11	5223
11	1683	251.3	10.9	5519
11.5	1773	246.8	10.1	5816
12	1864	241.5	9.4	6113
12.5	1954	235.4	9.3	6409
13	2045	229.4	9.4	6706
13.5	2135	228.2	10.2	7003
14	2225	227.1	11.1	7299
14.5	2316	226.8	11.3	7596
15	2406	226.5	11.5	7893
15.5	2497	227.3	11.4	8189
16	2587	228.1	11.4	8486
16.5	2678	227.9	11.9	8783
17	2768	227.7	12.5	9079
17.5	2859	228.6	12.7	9376
18	2949	229.5	13	9673
18.5	3039	230.7	13.4	9969
19	3130	231.9	13.9	10266
19.5	3196	233.7	13.7	10484
20	3257	235.5	13.6	10683

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800908 500 89081 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	141	328.1	5.2	462
1	232	337.2	6.1	761
1.5	299	340.5	7.8	981
2	366	342.6	9.6	1201
2.5	432	340.6	9.7	1418
3	494	338.6	9.9	1619
3.5	555	335.8	9.2	1820
4	618	332.5	8.5	2026
4.5	685	331.5	8.8	2248
5	755	330.5	9.2	2477
5.5	824	327	8.9	2702
6	892	323.4	8.7	2926
6.5	959	321.5	8.8	3146
7	1026	319.6	8.9	3365
7.5	1094	320.2	9.4	3587
8	1167	320.7	9.9	3827
8.5	1240	317.4	10.1	4066
9	1306	314.3	10.4	4284
9.5	1368	311.2	10.4	4487
10	1441	308.1	10.4	4726
10.5	1526	308.4	10.5	5005
11	1609	308.7	10.7	5279
11.5	1687	308.4	11.2	5534
12	1765	308.2	11.7	5789
12.5	1842	306.7	12.1	6043
13	1918	305.4	12.6	6291
13.5	1993	302.3	12.6	6536
14	2067	299.2	12.6	6781
14.5	2142	297.7	13.1	7027
15	2217	296.4	13.6	7272
15.5	2287	296.1	14.7	7502
16	2350	295.8	15.8	7709
16.5	2413	295.1	16.3	7916
17	2478	294.4	16.8	8128
17.5	2544	297.5	16.9	8344
18	2604	300.5	17	8540
18.5	2662	305.8	17.2	8730
19	2731	311	17.6	8957
19.5	2803	314.4	17.6	9195
20	2876	317.8	17.6	9432
20.5	2948	317.9	17.4	9670
21	3020	318	17.2	9907

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800908 700 89082 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	93	314.5	4.2	306
1	167	330.1	6.3	549
1.5	237	334.5	7.4	776
2	306	337.7	8.6	1003
2.5	375	337.1	8.6	1230
3	444	336.6	8.6	1457
3.5	513	335.5	8.8	1684
4	582	334.4	9.1	1910
4.5	652	332.9	9.1	2137
5	721	331.5	9.2	2364
5.5	790	330.1	9.3	2591
6	859	328.7	9.5	2818
6.5	928	327.4	9.7	3045
7	998	326.2	10	3272
7.5	1067	324.2	10.2	3499
8	1136	322.2	10.4	3726
8.5	1205	317	10.7	3953
9	1274	312.1	11.1	4180
9.5	1344	311.2	11.3	4407
10	1413	310.3	11.5	4634
10.5	1481	304.1	11.1	4858
11	1546	297.6	10.8	5070
11.5	1610	296.4	10.8	5282
12	1675	295.2	10.9	5495
12.5	1740	308	11	5707
13	1805	320	11.6	5919
13.5	1870	324.2	12.2	6132
14	1934	328.1	12.8	6344
14.5	1999	327.2	13.3	6557
15	2064	326.4	13.8	6769
15.5	2128	324.7	13.7	6981
16	2193	323	13.6	7194
16.5	2258	321.9	13.3	7406
17	2323	320.7	13.1	7619
17.5	2388	318	13.2	7831
18	2452	315.3	13.3	8043
18.5	2517	312.7	13.9	8256
19	2582	310.4	14.5	8468
19.5	2646	310.7	14.9	8680
20	2711	311	15.4	8893
20.5	2776	310.9	15.3	9105
21	2841	310.8	15.2	9318
21.5	2905	310.9	15.1	9530
22	2970	311.1	15	9742
22.5	3035	312.2	14.9	9955
23	3099	313.4	14.8	10166

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800908 900 89083 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	115	328.7	6.2	377
1	265	325.1	5.6	870
1.5	416	322.8	5.6	1363
2	566	320.5	5.7	1856
2.5	723	317.2	6.6	2373
3	883	314.7	7.5	2895
3.5	1042	310.5	8.2	3417
4	1197	307	8.9	3927
4.5	1323	305.8	9.2	4341
5	1391	304.7	9.5	4564
5.5	1433	307.5	10	4699
6	1467	310	10.5	4812
6.5	1518	314.2	10.9	4978
7	1579	318.1	11.3	5180
7.5	1656	321.7	11.3	5432
8	1743	325.3	11.4	5716
8.5	1823	325.1	11	5981
9	1901	324.9	10.6	6234
9.5	1972	322.6	10.4	6467
10	2043	320.3	10.3	6700
10.5	2114	320.1	11.3	6933
11	2185	320	12.3	7166
11.5	2256	319.5	12.9	7399
12	2327	319	13.5	7632
12.5	2398	318.2	13.4	7865
13	2469	317.4	13.3	8098
13.5	2541	318	13.8	8336
14	2614	318.5	14.3	8575
14.5	2688	317.8	14.2	8815
15	2760	317.1	14.2	9054
15.5	2834	317.8	14.2	9294
16	2912	318.5	14.3	9550
16.5	2991	319	14.9	9811
17	3052	319.5	15.6	10012
17.5	3134	316.8	15.5	10279
18	3215	314.1	15.4	10546

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800908 1100 89084 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	112	306.9	7.4	367
1	191	309.3	8.1	627
1.5	271	310.1	8.4	888
2	350	310.9	8.7	1148
2.5	429	311.5	8.5	1408
3	509	312.1	8.3	1668
3.5	588	308.4	8	1928
4	667	304.4	7.8	2188
4.5	746	298.1	7.9	2448
5	826	291.9	8	2708
5.5	905	292	8.1	2968
6	984	292.1	8.2	3229
6.5	1064	293.3	8.2	3489
7	1143	294.6	8.2	3749
7.5	1222	297.1	7.9	4009
8	1302	299.8	7.6	4269
8.5	1381	303	7.4	4529
9	1460	306.4	7.3	4789
9.5	1534	311.2	7.8	5032
10	1607	315.4	8.3	5272
10.5	1680	319.2	9	5511
11	1753	322.4	9.7	5750
11.5	1826	323.3	9.7	5989
12	1899	324.2	9.7	6228
12.5	1972	322.7	10.1	6467
13	2045	321.4	10.5	6706
13.5	2117	319.9	11	6945
14	2190	318.5	11.6	7184
14.5	2263	317.7	11.6	7423
15	2336	317	11.7	7662
15.5	2409	317.3	12.2	7901
16	2482	317.5	12.7	8140
16.5	2555	318.1	12.9	8379
17	2627	318.7	13.2	8618
17.5	2700	317.2	13.4	8857
18	2773	315.7	13.6	9096
18.5	2846	315.2	13.9	9335
19	2919	314.7	14.3	9574
19.5	2992	314.3	14.6	9813
20	3063	314	14.9	10047

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800908 1300 89085 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	94	278.4	7.3	309
1	202	275.4	7.8	661
1.5	312	273.5	8	1024
2	423	271.7	8.2	1387
2.5	566	276.8	7.9	1855
3	730	282.2	7.7	2394
3.5	920	292.2	7.4	3018
4	1064	302.7	7.4	3491
4.5	1178	310.3	7.9	3865
5	1312	316.9	8.5	4304
5.5	1451	318.8	8.4	4760
6	1627	320.8	8.3	5337
6.5	1743	320.3	7.9	5718
7	1842	319.7	7.5	6042
7.5	1956	317.5	8.9	6416
8	2033	315.9	10.3	6667
8.5	2090	314	11.5	6856
9	2148	312.4	12.7	7045
9.5	2205	311.9	12.6	7234
10	2263	311.3	12.5	7423
10.5	2321	311.9	12.6	7612
11	2382	312.4	12.7	7812
11.5	2456	314	13	8056
12	2530	315.5	13.4	8300
12.5	2610	318.4	13.5	8561
13	2698	321.2	13.7	8848
13.5	2785	322.1	14.1	9136
14	2873	322.9	14.5	9423
14.5	2960	322	14.5	9710
15	3048	321.2	14.6	9997
15.5	3124	318.7	14.8	10246
16	3199	316.2	15.1	10494

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
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SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800908 1500 89086 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	161	319.8	6.1	529
1	304	318.7	7.6	998
1.5	447	316.9	8.5	1467
2	590	315.4	9.5	1936
2.5	733	311.9	9.2	2405
3	876	308.2	8.9	2874
3.5	1019	299.6	8.5	3343
4	1163	290.4	8.4	3813
4.5	1305	285.4	8.4	4282
5	1448	280.5	8.5	4751
5.5	1546	278.6	8.1	5072
6	1633	276.6	7.7	5356
6.5	1720	276	7.3	5640
7	1806	275.3	7	5924
7.5	1893	278.8	7.4	6208
8	1979	281.9	7.9	6492
8.5	2066	289.6	8.6	6776
9	2152	296	9.5	7060
9.5	2239	309.2	10.7	7344
10	2326	319.3	12.4	7628
10.5	2412	323.7	13.6	7912
11	2499	327.3	14.8	8196
11.5	2585	325.1	15.2	8480
12	2672	323	15.7	8764
12.5	2759	321.2	16.4	9048
13	2845	319.6	17.2	9332
13.5	2932	319.1	17.1	9616
14	3018	318.5	17.1	9900
14.5	3090	318	16.7	10136
15	3152	317.4	16.4	10339
15.5	3214	317.6	16.6	10543

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
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SITE NO. :8
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LONGITUDE :71 04
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PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800910 500 89101 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	120	262.9	10.2	393
1	249	269.9	12.4	818
1.5	388	275.3	14.1	1271
2	525	279.6	15.8	1722
2.5	642	285.8	16.4	2107
3	760	291.4	17.2	2493
3.5	828	293.5	17	2715
4	896	295.6	16.8	2938
4.5	963	293.2	15.9	3157
5	1026	290.6	15	3364
5.5	1089	288.7	14.7	3572
6	1154	286.7	14.4	3784
6.5	1218	284	14.3	3996
7	1282	281.3	14.2	4205
7.5	1341	277	14.2	4400
8	1401	272.8	14.2	4596
8.5	1473	267.4	14.7	4830
9	1556	262.3	15.3	5103
9.5	1655	260.3	15.9	5430
10	1749	258.4	16.5	5738
10.5	1820	259.5	16.9	5970
11	1893	260.6	17.4	6210
11.5	1973	261.4	17.5	6473
12	2062	262.1	17.7	6762
12.5	2139	262.9	17.9	7016
13	2217	263.6	18.1	7271
13.5	2294	263.9	18.9	7525
14	2372	264.1	19.8	7780
14.5	2449	263.9	20.7	8034
15	2527	263.7	21.6	8289
15.5	2605	262.6	21.8	8544
16	2682	261.5	22.1	8798
16.5	2760	259.5	22.5	9053
17	2835	257.5	23	9299
17.5	2908	257.3	23.6	9539
18	2982	257.2	24.3	9780
18.5	3051	256.5	24.3	10006
19	3124	255.8	24.3	10247
19.5	3192	253.8	23.8	10470

1980 NORTHEAST CORRIDOR REGIONAL
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UPPERAIR METEOROLOGICAL MEASUREMENT
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800910 700 89102 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	111	302.5	5.7	364
1	193	312.6	9.5	632
1.5	274	315.4	11.4	900
2	356	317.4	13.3	1168
2.5	438	318.8	13.3	1436
3	520	320.2	13.3	1705
3.5	602	321	13	1973
4	683	321.8	12.7	2241
4.5	765	318.7	13.2	2509
5	847	315.9	13.7	2777
5.5	928	313.5	15.4	3045
6	1010	311.5	17.1	3313
6.5	1092	308.5	17.5	3581
7	1173	305.7	18	3849
7.5	1255	299.2	17.1	4117
8	1337	292.1	16.5	4385
8.5	1419	283.6	15.8	4653
9	1488	274.4	15.4	4879
9.5	1553	269.3	15.7	5093
10	1618	264.5	16.2	5308
10.5	1684	264	16.9	5523
11	1749	263.6	17.7	5738
11.5	1815	264.3	17.5	5953
12	1880	265	17.4	6168
12.5	1946	262.6	18	6382
13	2011	260.4	18.7	6597
13.5	2077	258.2	20.1	6812
14	2142	256.3	21.6	7027
14.5	2208	256.6	21.8	7242
15	2273	256.8	22	7456
15.5	2339	258.4	22.1	7671
16	2404	259.9	22.2	7886
16.5	2470	260.8	22.8	8101
17	2535	261.6	23.4	8316
17.5	2601	260.1	24.1	8530
18	2666	258.7	24.8	8745
18.5	2732	254.5	26.3	8960
19	2797	250.8	27.9	9175
19.5	2863	250.9	27.2	9390
20	2928	251	26.5	9605
20.5	2994	250.8	25.7	9819
21	3062	250.5	24.9	10042

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800910 900 89103 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	62	320.9	6.7	202
1	143	317.4	7.5	469
1.5	229	312.8	8.6	751
2	315	309.3	9.8	1033
2.5	395	306.4	10.9	1296
3	475	304	12	1558
3.5	555	303.8	13.2	1820
4	635	303.6	14.4	2083
4.5	715	304.4	15.6	2345
5	795	305.1	16.9	2608
5.5	917	305.4	17.8	3007
6	1041	305.7	18.7	3414
6.5	1164	305.9	20.7	3818
7	1308	306	22.8	4291
7.5	1450	305.6	24.6	4756
8	1545	305.3	26.5	5068
8.5	1640	303.2	25.5	5379
9	1735	300.9	24.5	5691
9.5	1814	295.8	22	5950
10	1893	289.5	19.8	6209
10.5	1940	283.9	18.5	6362
11	1987	277.6	17.5	6516
11.5	2033	274.8	17.3	6669
12	2080	271.9	17.1	6822
12.5	2127	269.8	17.4	6976
13	2173	267.8	17.7	7129
13.5	2220	266.3	18.5	7282
14	2267	264.9	19.3	7436
14.5	2324	264	19.6	7623
15	2397	263.2	20	7862
15.5	2470	262.4	20.5	8100
16	2542	261.7	21	8339
16.5	2615	261.4	21.9	8578
17	2688	261.2	22.9	8816
17.5	2761	262.2	23.4	9055
18	2834	263.1	24	9294
18.5	2893	262.6	24.4	9488
19	2949	262.1	24.8	9672
19.5	3005	259	25.5	9855
20	3134	256.1	26.2	10280

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

SITE NO. :8
SITE :BOSTON
LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800910 1100 89104 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	96	305.9	10.7	316
1	227	309	9.6	746
1.5	359	312.2	9.3	1177
2	490	315.7	9	1607
2.5	621	316.6	9.5	2038
3	752	317.4	10.1	2468
3.5	884	319.4	10.3	2899
4	1015	321.4	10.5	3329
4.5	1146	321.8	11	3760
5	1277	322.2	11.5	4190
5.5	1409	318.4	12.6	4621
6	1491	315.2	13.7	4891
6.5	1561	311	14.5	5121
7	1631	307.3	15.4	5351
7.5	1702	305.4	15.9	5581
8	1772	303.7	16.5	5811
8.5	1842	301.5	17.1	6041
9	1912	299.5	17.7	6271
9.5	1982	294.9	17.8	6501
10	2052	290.5	18.1	6731
10.5	2122	286.7	17.7	6961
11	2192	282.7	17.4	7191
11.5	2263	279.6	17.4	7421
12	2333	276.6	17.5	7651
12.5	2403	275.2	17.8	7881
13	2473	273.8	18.2	8111
13.5	2543	274.7	18.3	8341
14	2613	275.5	18.5	8571
14.5	2683	275	18.9	8801
15	2753	274.6	19.3	9031
15.5	2824	274.4	19.7	9262
16	2894	274.2	20.1	9492
16.5	2964	275.1	20.3	9722
17	3034	276	20.5	9952
17.5	3105	275	21.3	10183
18	3175	274.1	22.1	10414

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
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SITE NO. :8
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LONGITUDE :71 04
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800910 1300 89105 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	158	300	7.1	519
1	306	301.5	8.3	1005
1.5	455	300.2	8.3	1491
2	595	299	8.3	1952
2.5	705	302.8	7.2	2314
3	814	308	6.2	2671
3.5	916	318	6	3003
4	977	328.5	5.9	3204
4.5	1012	326.8	6.5	3318
5	1046	325.4	7.2	3432
5.5	1081	323.7	7.9	3546
6	1127	322.3	8.7	3697
6.5	1173	323.3	8.7	3848
7	1220	324.4	8.7	4000
7.5	1266	324.2	8.4	4151
8	1323	323.9	8.2	4338
8.5	1387	320.3	8.3	4548
9	1451	316.9	8.5	4758
9.5	1527	312.6	9.2	5009
10	1611	309	10	5283
10.5	1694	306.5	11	5556
11	1777	304.4	12.1	5830
11.5	1861	303.3	13.3	6103
12	1944	302.4	14.6	6376
12.5	2038	300.7	15.3	6685
13	2132	299.1	16	6994
13.5	2230	296.2	16.6	7313
14	2328	293.5	17.2	7635
14.5	2426	290.3	17.8	7956
15	2510	287.3	18.5	8234
15.5	2586	284	18.2	8483
16	2662	280.6	18	8731
16.5	2738	277.5	17.7	8979
17	2802	274.2	17.4	9190
17.5	2849	271.7	17.7	9345
18	2896	269.2	18.1	9500
18.5	2944	268.2	18.2	9655
19	2992	267.3	18.3	9813
19.5	3049	266.6	18.4	10000
20	3118	265.9	18.6	10227

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800910 1500 89106 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	107	96.8	8.3	352
1	241	97.8	7.6	790
1.5	374	100	7.6	1227
2	508	102.2	7.7	1665
2.5	641	106	8	2102
3	774	109.6	8.3	2540
3.5	908	112.6	8.1	2977
4	1041	115.8	7.9	3415
4.5	1174	117.1	7.5	3852
5	1308	118.6	7.1	4290

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800911 500 89111 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	99	256.3	8.3	325
1	170	263.5	8.3	558
1.5	237	268.4	8.5	776
2	305	273.1	8.8	1000
2.5	373	277.7	9	1224
3	441	282	9.3	1447
3.5	509	288.2	9.5	1670
4	573	294	9.8	1881
4.5	638	296.6	10.2	2092
5	702	299.1	10.6	2303
5.5	767	300	10.9	2515
6	832	300.8	11.2	2728
6.5	897	301.5	11.7	2941
7	961	302.2	12.2	3153
7.5	1026	301.6	12.6	3366
8	1091	301.1	13.1	3579
8.5	1159	301.8	13.2	3803
9	1226	302.5	13.3	4021
9.5	1289	303.1	13.8	4227
10	1348	303.6	14.4	4421
10.5	1404	303.8	14.7	4606
11	1467	304	15	4812
11.5	1536	304.6	14.4	5038
12	1590	305.3	13.9	5216
12.5	1644	303.4	13	5392
13	1696	301.3	12.2	5563
13.5	1747	297.1	12	5729
14	1800	292.7	11.8	5903
14.5	1863	288.1	12.3	6112
15	1927	283.8	12.9	6321
15.5	1991	280.7	13.7	6530
16	2052	277.9	14.5	6730
16.5	2113	278.6	15	6930
17	2174	279.3	15.6	7130
17.5	2232	280.6	15.9	7322
18	2290	281.9	16.2	7510
18.5	2345	282.5	16.6	7690
19	2407	283.1	17.1	7896
19.5	2470	283.9	17.5	8101
20	2533	284.6	17.9	8307
20.5	2594	284.4	18	8507
21	2659	284.3	18.2	8722
21.5	2728	283.3	19.1	8948
22	2795	282.3	20.1	9167
22.5	2860	282.5	21.1	9381
23	2923	282.6	22.2	9586

1980 NORTHEAST CORRIDOR REGIONAL
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PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800911 700 89112 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	101	258.7		
1	169	263.6	8.7	330
1.5	237	267.5	9.8	553
2	305	271.4	9.8	776
2.5	373	275	9.8	999
3	441	279.1	9.2	1222
3.5	509	282.4	8.7	1445
4	577	285.5	9	1668
4.5	645	289.2	9.4	1891
5	713	292.6	9.8	2114
5.5	780	295.9	10.3	2337
6	848	299	10.7	2560
6.5	916	300.5	11.2	2783
7	984	301.9	11.5	3006
7.5	1052	302.3	11.8	3229
8	1120	302.7	11.9	3452
8.5	1188	299.9	12.1	3675
9	1256	297.1	12	3898
9.5	1324	292.4	12	4121
10	1392	287.8	12.1	4343
10.5	1461	285	12.2	4566
11	1530	282.2	12.4	4791
11.5	1598	280.1	12.6	5017
12	1668	278	12.9	5243
12.5	1737	279.4	13.2	5470
13	1805	280.8	13.6	5696
13.5	1875	284.9	14.1	5922
14	1944	288.9	14.3	6149
14.5	2013	290.3	14.5	6375
15	2081	291.6	14.6	6601
15.5	2151	289.8	14.8	6827
16	2220	288.1	14.9	7054
16.5	2288	286.4	15	7280
17	2358	284.8	15.1	7506
17.5	2427	287	15.2	7733
18	2495	289.2	15.5	7959
18.5	2564	293.1	15.8	8185
19	2634	296.8	16.4	8411
19.5	2702	297.6	17	8638
20	2771	298.3	17.5	8864
20.5	2841	297.6	18	9090
21	2909	296.9	18.6	9317
21.5	2978	295.4	19.2	9543
22	3052	294	19.6	9769
			20	10011

1980 NORTHEAST CORRIDOR REGIONAL
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PROGRAM

SITE NO. :8
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800911 900 89113 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	116	249.3	5.6	379
1	231	255.4	6.5	759
1.5	338	260.7	7.7	1107
2	442	264.5	8.9	1449
2.5	545	267.9	9.9	1786
3	627	270.7	10.9	2058
3.5	706	276	11.5	2315
4	784	280.7	12.1	2572
4.5	842	284.8	12.3	2761
5	900	288.8	12.5	2951
5.5	956	289.9	12.1	3135
6	1005	291	11.8	3296
6.5	1055	291.4	11.8	3462
7	1112	291.9	11.8	3648
7.5	1169	291.2	11.7	3834
8	1226	290.5	11.7	4020
8.5	1295	290.4	11.4	4249
9	1368	290.2	11.2	4488
9.5	1441	291.2	10.9	4728
10	1519	292.3	10.7	4982
10.5	1600	293.2	10.7	5248
11	1685	294.2	10.7	5526
11.5	1770	293.7	11.4	5804
12	1854	293.3	12.2	6082
12.5	1939	289.1	12.7	6360
13	2011	285.3	13.2	6597
13.5	2084	281.4	13.6	6835
14	2154	277.7	14.1	7064
14.5	2212	279.9	14.9	7255
15	2270	281.9	15.7	7444
15.5	2326	284.8	16.2	7628
16	2382	287.6	16.8	7813
16.5	2438	287.6	17.4	7997
17	2495	287.6	18	8182
17.5	2551	289.3	18.1	8366
18	2609	290.9	18.2	8556
18.5	2667	286.8	18.3	8747
19	2725	282.7	18.4	8938
19.5	2783	281.2	19	9129
20	2841	279.7	19.6	9320
20.5	2900	284	19.1	9511
21	2958	288.6	18.7	9702
21.5	3020	286.9	19	9904
22	3088	285.3	19.4	10130

1980 NORTHEAST CORRIDOR REGIONAL
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SITE NO. :8
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LONGITUDE :71 04
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800911 1100 89114 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	100	225.7	7	327
1	202	230.8	7.7	664
1.5	305	233.5	8	1001
2	408	236.1	8.3	1338
2.5	511	241.2	8.5	1676
3	614	246	8.8	2013
3.5	716	254.5	9.7	2350
4	820	261.4	10.8	2688
4.5	922	265.3	11.4	3025
5	1025	268.7	12.1	3362
5.5	1128	272.4	11.8	3700
6	1231	276.2	11.6	4037
6.5	1334	280.1	11.7	4374
7	1436	284	11.9	4711
7.5	1509	283.1	12.2	4951
8	1575	282.2	12.6	5167
8.5	1641	279.7	12.9	5383
9	1707	277.3	13.3	5598
9.5	1773	274.7	13.7	5814
10	1838	272.3	14.1	6030
10.5	1904	271.8	14.9	6245
11	1970	271.4	15.8	6461
11.5	2036	272.2	16.4	6677
12	2101	272.9	17.1	6892
12.5	2167	274.2	16.9	7108
13	2233	275.6	16.7	7324
13.5	2298	275.9	16.6	7539
14	2364	276.3	16.5	7755
14.5	2430	274.8	16.8	7970
15	2496	273.3	17.2	8186
15.5	2562	273	17.7	8402
16	2627	272.8	18.3	8617
16.5	2693	272.6	18.6	8833
17	2759	272.5	19	9049
17.5	2824	274.3	19.1	9264
18	2890	276	19.2	9480
18.5	2956	278.2	19.5	9696
19	3022	280.4	19.8	9911

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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800911 1300 89115 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	120	231.6	8.1	395
1	249	233.5	8.8	817
1.5	360	232.3	9.6	1181
2	471	231.3	10.5	1545
2.5	582	229.7	10.7	1908
3	693	228.2	10.9	2272
3.5	771	228.9	10.7	2530
4	842	229.6	10.5	2761
4.5	912	231.4	10.7	2991
5	973	233.2	11	3190
5.5	1033	233.7	11.3	3388
6	1093	234.2	11.6	3586
6.5	1154	231.2	11.6	3784
7	1220	228.3	11.7	4002
7.5	1295	236.5	11.6	4249
8	1371	244.7	11.7	4496
8.5	1446	254.3	12.9	4743
9	1538	262.1	14.3	5046
9.5	1609	263.9	15.4	5277
10	1658	265.5	16.5	5438
10.5	1707	268.4	17.5	5600
11	1749	270.9	18.5	5737
11.5	1786	271.4	19.1	5858
12	1838	271.8	19.8	6029
12.5	1890	270	19.9	6199
13	1952	268.3	20.1	6402
13.5	2015	268.2	20.2	6608
14	2079	268.2	20.3	6818
14.5	2142	271.9	20.5	7027
15	2206	275.5	20.8	7237
15.5	2265	278.4	21.1	7430
16	2321	281.2	21.4	7613
16.5	2377	283	21.7	7795
17	2432	284.7	22.1	7977
17.5	2488	285.9	22.5	8159
18	2543	287.1	22.9	8342
18.5	2599	285.4	23	8524
19	2654	283.8	23.1	8706
19.5	2710	281.9	23	8888
20	2775	280	23	9102
20.5	2842	281.1	23	9323
21	2910	282.2	23.1	9545
21.5	2977	284.1	23.6	9766
22	3045	285.9	24.1	9988

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800911 1500 89116 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	85	237.7	11.7	280
1	171	235.7	12.2	560
1.5	256	235.8	12.5	841
2	342	235.8	12.8	1121
2.5	427	236.8	13.1	1402
3	513	237.8	13.4	1683
3.5	598	238.1	14.1	1963
4	684	238.3	14.9	2244
4.5	770	238.2	15	2525
5	855	238.2	15.2	2805
5.5	941	238.8	15	3086
6	1026	239.5	14.9	3366
6.5	1112	243	15	3647
7	1198	246.4	15.1	3928
7.5	1283	251.9	15.5	4208
8	1369	257.1	16	4489
8.5	1451	265	17.3	4758
9	1519	271.7	18.8	4981
9.5	1586	277.5	20.2	5203
10	1654	282.5	21.8	5426
10.5	1722	284.9	22.1	5648
11	1790	287.2	22.4	5871
11.5	1858	288.3	22.1	6094
12	1926	289.5	21.8	6316
12.5	1994	289.8	21.7	6539
13	2062	290.2	21.7	6762
13.5	2129	289.7	22	6984
14	2197	289.3	22.4	7207
14.5	2265	288.6	22.6	7430
15	2333	287.9	22.9	7652
15.5	2401	286.8	22.9	7875
16	2469	285.8	23	8098
16.5	2537	286	23	8320
17	2605	286.1	23.1	8543
17.5	2673	286.3	23.3	8766
18	2740	286.4	23.6	8988
18.5	2808	285	23.6	9211
19	2876	283.7	23.7	9434
19.5	2944	284	24	9656
20	3012	284.3	24.3	9879
20.5	3082	284.1	24.9	10109
21	3153	284	25.5	10343

1980 NORTHEAST CORRIDOR REGIONAL
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LATITUDE :42 21
LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800912 500 89121 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	112	346.5	4.7	367
1	190	350.9	6	622
1.5	267	354.9	6.9	877
2	345	357.9	7.9	1132
2.5	408	354.2	8.3	1337
3	470	350.8	8.8	1542
3.5	533	344.4	8.2	1748
4	597	337.1	7.8	1959
4.5	662	329.7	7.1	2171
5	726	320.7	6.5	2382
5.5	789	313.4	6.9	2588
6	849	306.9	7.4	2786
6.5	910	305.2	8	2984
7	966	303.7	8.6	3168
7.5	1016	306.6	8.8	3332
8	1066	309.3	9	3496
8.5	1129	310.2	8.9	3703
9	1192	311.2	8.9	3910
9.5	1255	309.9	9.6	4116
10	1315	308.7	10.3	4314
10.5	1376	304.6	11.7	4513
11	1439	301.4	13.2	4719
11.5	1484	299.1	14.1	4868
12	1534	297.1	15	5033
12.5	1585	297.3	15.4	5199
13	1635	297.4	15.9	5364
13.5	1686	295	16.3	5530
14	1752	292.8	16.7	5748
14.5	1830	288.5	16.5	6003
15	1908	284	16.3	6258
15.5	1986	281.7	16.4	6513
16	2063	279.4	16.6	6767
16.5	2141	278.2	17.4	7022
17	2219	277.1	18.2	7277
17.5	2283	273.8	19	7489
18	2345	270.8	19.9	7691
18.5	2406	270.9	20.5	7893
19	2468	270.9	21.2	8096
19.5	2530	272	21.9	8298
20	2591	273.1	22.6	8500
20.5	2653	274	22.7	8702
21	2715	274.9	22.8	8904
21.5	2765	275.1	22.3	9069
22	2813	275.3	21.8	9225
22.5	2860	275	21.9	9380
23	2907	274.8	22.1	9536

1980 NORTHEAST CORRIDOR REGIONAL
MODELING PROJECT
UPPERAIR METEOROLOGICAL MEASUREMENT
PROGRAM

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HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800912 700 89122 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	75	14.2	5	246
1	148	7.8	4.7	485
1.5	217	359.1	5.2	712
2	286	351.9	5.7	939
2.5	355	344.1	6	1166
3	425	337.1	6.3	1394
3.5	494	328.5	5.8	1621
4	563	318.4	5.4	1848
4.5	633	309.6	4.7	2075
5	702	298.3	4.2	2303
5.5	771	297.7	4.4	2530
6	841	297.1	4.6	2757
6.5	910	304	5.6	2984
7	979	308.7	6.7	3212
7.5	1048	311.2	7.9	3439
8	1118	313	9.2	3666
8.5	1187	314	10.7	3893
9	1256	314.7	12.2	4121
9.5	1326	314.7	13.5	4348
10	1395	314.7	14.9	4575
10.5	1464	314.7	15.9	4802
11	1527	314.7	17	5009
11.5	1588	315.2	17.2	5210
12	1650	315.7	17.5	5412
12.5	1711	314	17.1	5613
13	1773	312.3	16.8	5815
13.5	1834	307.6	16.8	6016
14	1896	302.9	17	6218
14.5	1957	300.7	17.1	6419
15	2019	298.6	17.3	6621
15.5	2080	296.8	17.7	6822
16	2141	295.1	18.1	7024
16.5	2203	293.8	19	7225
17	2264	292.7	19.9	7427
17.5	2326	289.9	20.5	7628
18	2387	287.3	21.2	7830
18.5	2448	284.8	21.6	8031
19	2510	282.4	22	8232
19.5	2571	281.8	22	8434
20	2633	281.2	22	8635
20.5	2694	279.7	21.8	8837
21	2755	278.2	21.7	9038
21.5	2817	277.7	21.2	9240
22	2878	277.1	20.8	9441
22.5	2940	277.6	20.7	9643
23	3001	278.1	20.7	9844

1980 NORTHEAST CORRIDOR REGIONAL
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PROGRAM CODE :801210-1

BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800912 900 89123 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	57	359.1	2.7	187
1	114	5.9	3	374
1.5	171	7.7	2.8	560
2	227	9.7	2.7	744
2.5	283	357.9	2.4	928
3	339	343.4	2.2	1112
3.5	395	335.1	2.4	1296
4	445	328.1	2.6	1458
4.5	494	328.7	3.1	1620
5	543	329.1	3.7	1782
5.5	639	326.7	4.5	2095
6	784	325	5.4	2570
6.5	852	320	5.8	2793
7	920	315.7	6.2	3016
7.5	988	310.7	6.5	3239
8	1055	306.2	6.8	3462
8.5	1117	305.6	7.3	3664
9	1178	305	7.9	3864
9.5	1244	307.8	9	4081
10	1310	310	10.1	4297
10.5	1376	314.8	11.3	4514
11	1442	318.7	12.5	4730
11.5	1506	320.2	13.4	4940
12	1567	321.6	14.3	5139
12.5	1621	318	14.8	5318
13	1673	314.6	15.3	5489
13.5	1721	312.9	16.9	5646
14	1768	311.5	18.5	5799
14.5	1830	306.5	16.9	6003
15	1892	300.5	15.5	6207
15.5	1954	294	14.6	6410
16	2016	286.7	14	6614
16.5	2079	288.3	16	6818
17	2141	289.6	18	7022
17.5	2203	287.2	19.2	7226
18	2270	285.1	20.4	7444
18.5	2338	284.6	21.1	7670
19	2407	284.2	21.8	7896
19.5	2476	284.2	21.8	8122
20	2545	284.2	21.8	8348
20.5	2614	282.6	21.7	8575
21	2683	281	21.7	8801
21.5	2752	280.3	21.6	9027
22	2821	279.6	21.5	9253
22.5	2890	278.5	21.3	9480
23	2959	277.3	21.2	9706

1980 NORTHEAST CORRIDOR REGIONAL
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LONGITUDE :71 04
HEIGHT ABOVE SEA LEVEL :35
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800912 1100 89124 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	114	129.7	1.7	374
1	214	163.4	.7	702
1.5	310	201	.8	1017
2	406	223.9	1.1	1332
2.5	502	228.9	1.2	1647
3	598	232.9	1.4	1963
3.5	695	275.2	1.6	2278
4	791	299.4	2.3	2593
4.5	887	308.8	3.6	2909
5	983	313.2	4.9	3224
5.5	1079	310.3	5.9	3539
6	1175	308.2	7	3855
6.5	1271	309.9	8.3	4170
7	1367	311.1	9.7	4485
7.5	1463	313.1	10.9	4800
8	1535	314.7	12.2	5035
8.5	1590	312.5	12.5	5214
9	1645	310.5	12.9	5394
9.5	1699	305.6	13.2	5574
10	1754	300.9	13.6	5754
10.5	1809	298.4	14.1	5934
11	1864	296.1	14.6	6114
11.5	1919	295.1	15.1	6294
12	1974	294.2	15.7	6474
12.5	2029	292.5	16.6	6654
13	2084	290.9	17.5	6834
13.5	2138	290.7	18.4	7014
14	2193	290.5	19.4	7194
14.5	2248	290.6	19.8	7374
15	2303	290.7	20.3	7554
15.5	2358	290.9	20.1	7734
16	2413	291.2	20	7914
16.5	2468	290.8	20	8094
17	2523	290.4	20.1	8274
17.5	2577	288.3	20	8453
18	2632	286.2	19.9	8633
18.5	2687	284.3	19.8	8813

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800912 1300 89125 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	82	84.5	3.7	270
1	155	92.8	3.1	507
1.5	232	91.1	1.9	762
2	301	84.5	.8	986
2.5	370	322.1	.5	1214
3	440	297.1	1.6	1443
3.5	500	277.9	2.2	1640
4	558	267.4	2.9	1830
4.5	616	262.1	3.5	2019
5	673	258.4	4.2	2208
5.5	731	259.7	4.4	2397
6	791	260.9	4.7	2594
6.5	860	262	5.1	2821
7	930	263	5.6	3050
7.5	1000	263.2	6.3	3280
8	1070	263.3	7	3511
8.5	1141	261.1	7.4	3744
9	1212	259.2	7.9	3976
9.5	1283	261.9	8	4209
10	1356	264.5	8.2	4449
10.5	1438	269	8.4	4716
11	1517	273.3	8.7	4977
11.5	1590	275.3	9.4	5215
12	1663	277	10.2	5453
12.5	1735	279.6	12.1	5690
13	1815	281.5	14	5953
13.5	1891	283.8	16	6202
14	1956	285.6	18	6416
14.5	2015	285.4	18.3	6610
15	2074	285.2	18.7	6804
15.5	2134	286	18.6	6998
16	2192	286.8	18.6	7191
16.5	2252	288.2	18.6	7385
17	2311	289.6	18.7	7579
17.5	2370	287.4	18.3	7773
18	2429	285.2	17.9	7967
18.5	2488	284.9	18.1	8161
19	2551	284.6	18.3	8368
19.5	2615	284	18.6	8578
20	2679	283.4	19	8788
20.5	2743	281.5	19	8998
21	2807	279.7	19	9208
21.5	2870	280.6	19.3	9414
22	2932	281.4	19.6	9618
22.5	2994	282.4	19.8	9821
23	3056	283.3	20	10025

1980 NORTHEAST CORRIDOR REGIONAL
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BEUKERS LABORATORIES INC
FLOWERFIELD BLDG 7
ST. JAMES, N.Y. 11780

DATE TIME FLT.NO. STATION
800912 1500 89126 BOSTON

MIN	M-AGL	DIR	S-MPS	FT-AGL
.5	139	72.5	2.8	456
1	218	93.8	2.7	716
1.5	298	118.7	2.1	977
2	377	151.5	2.1	1237
2.5	457	202.2	2.2	1498
3	536	230.8	3.4	1758
3.5	616	249	4.6	2019
4	695	259	6.1	2279
4.5	774	263.9	6.8	2540
5	854	267.8	7.5	2800
5.5	933	268.3	7.7	3061
6	1013	268.7	8	3321
6.5	1092	267.1	8.1	3582
7	1171	265.5	8.2	3842
7.5	1251	262.9	8.2	4103
8	1330	260.4	8.3	4363
8.5	1410	260.5	8.4	4624
9	1489	260.6	8.6	4884

TECHNICAL REPORT DATA <i>(Please read Instructions on the reverse before completing)</i>		
1. REPORT NO. EPA-450/4-81-019g	2.	3. RECIPIENT'S ACCESSION NO.
4. TITLE AND SUBTITLE Northeast Corridor Regional Modeling Project - Upper-Air Meteorological Measurements (Volume VII - Upper-Air Wind Data - Boston, MA)	5. REPORT DATE April 1981	6. PERFORMING ORGANIZATION CODE
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16. ABSTRACT This volume contains upper-air wind speed and wind direction measurements obtained via rawinsonde soundings conducted in Boston, MA as part of the 1980 Northeast Corridor Regional Modeling Project.		
17. KEY WORDS AND DOCUMENT ANALYSIS		
a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
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