



**DAILY STATUS REPORT**

**Prepared By:**

Thomas Jensen

WEATHER	Snow	Rain	X	Overcast	X	Partly Cloudy	Bright Sun	Wind
TEMP.	< 32	32-50		50-70	X	70-85	>85	SW-3 MPH

<b>IEC Project No:</b>	13928	<b>NYSDEC BCP Site No:</b>	C224367	<b>Date:</b>	10/30/23
<b>Project:</b>	251 Douglass Street, Brooklyn, NY				

<p><b>Consultant:</b> Impact Environmental Engineering and Geology, PLLC (IEEG)</p> <p>Time On: 07:05 Time Out: 18:00</p>	<p><b>Personnel On Site:</b> IEEG (Environmental) – Thomas Jensen Cascade Remediation Services – Jon Simpson Broadway Construction Group - Tom Caporale NYSDEC- Tracey Garland</p> <p><b>Equipment On Site:</b> Minirae 3000 PID, DustTrak II</p>
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**Scope of Work:** Continue with site cleanup in preparation for groundbreaking. Cascade completed two ISS Pilot Test treatment columns on the eastern portion of the Site. Refer to Figures for ISS Pilot Test column locations.

**Site Activities:**

- Deploy CAMP at the start of the workday;
- ISS pilot test started. Columns 155 (P1A-155) and 165 (P1B-165) were drilled to 42'. Column 155 was mixed using mixture A (6% slag, 2% Portland cement, and 1.25% water) and column 165 was mixed using mixture B (6.5% slag, 2.5% Portland cement, and 1.25% water);

Cell #	Grid Northing	Grid Easting	Longitude	Latitude
155	187344.1741	988320.4188	-73.59072	40.40512
165	187347.9184	988326.2694	-73.59071	40.40512

- Column 155 QA/QC sample collected at 10'; and
- Column 165 QA/QC sample collected at 30'.

**Community Air Monitoring Program (CAMP) -** CAMP action level for dust (0.1 mg/m<sup>3</sup>) and VOCs (5 ppm)

- PID remained at nominal levels throughout the day;
- No sustained dust exceedances were observed over a 1-min period during monitoring;
- Prestart Upwind Conditions – PID = 0.6 ppm, Dust = 0.048 mg/m<sup>3</sup> @ 07:25.
- High Conditions (Upwind) – PID = 2.4 ppm @ 11:41, Dust = 0.083 mg/m<sup>3</sup> @ 13:25.
- High Conditions (Downwind 1) – PID = 0.1 ppm @ 9:54, Dust = 0.342 mg/m<sup>3</sup> @ 8:43.
- High Conditions (Downwind 2) – PID = 0.4 ppm @ 14:29, Dust = 0.117 mg/m<sup>3</sup> @ 14:19

\*8:40-8:49 and 14:19 Elevated downwind DustTrak reading were due to movement of equipment next to the units. The site was wet throughout the day due to rain in the early AM and no visible dust was observed.

\*Elevated upwind PID readings were due to the ISS pilot test. ATMOS foam was sprayed during drilling activities.

**Notable Site Conditions:**

- After drilling two piles for the ISS pilot test, the rig broke down. Mechanics worked on the rig until the end of the day. Work on the rig will resume tomorrow upon completion of repair.
- The contractor was cleaning excavator bucket associated with ISS work with water. The underlying ground was not covered by poly. The contractor was told to line the area with poly for containment. Approximately 1-gallon of water was generated and transferred to the ISS bulk pit.

**Planned for the Next Day/Week:**

- Pending rig repair, the ISS pilot test will continue.
- Based on communications with the NYSDEC, adjustments to the column mix test locations will be made going forward where one mix formulation will be tested at each proposed test location, and the QA/QC wet mix samples will be collected from distinct depths that represent the soil types and the NAPL/GCM saturated zone subject to ISS.



**PHOTO LOG**

251 DOUGLASS STREET, BROOKLYN, NY



**Photo 1-** ISS  
pilot test  
drilling  
activities.





**Photo 2-**  
ATMOS foam  
sprayed to ISS  
treatment  
surface to  
reduce odors.



**Photo 3-**  
Cascade using  
sampling rod to  
collect the  
QA/QC sample  
from 30' in  
column 165.



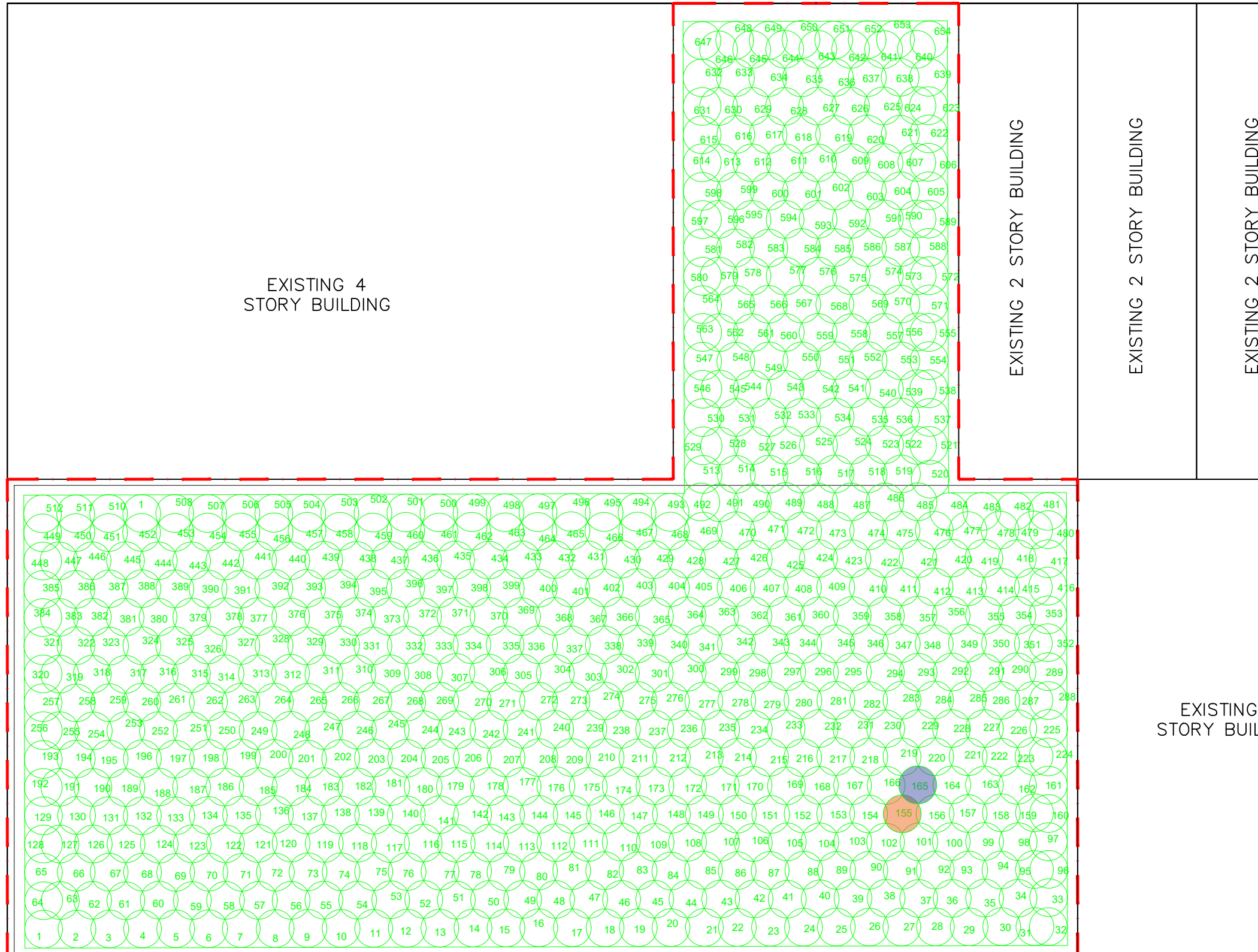


**SITE PLANS**

251 DOUGLASS STREET, BROOKLYN, NY



# NEVINS STREET



### LEGEND

- Mix "A"
- Mix "B"

### Pilot test Locations

251 Douglass Street  
Brooklyn, New York

Figure No: 03

PROJECT NO:	13028-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	1/10/2023
SCALE:	1" = 30'
REVISIONS	

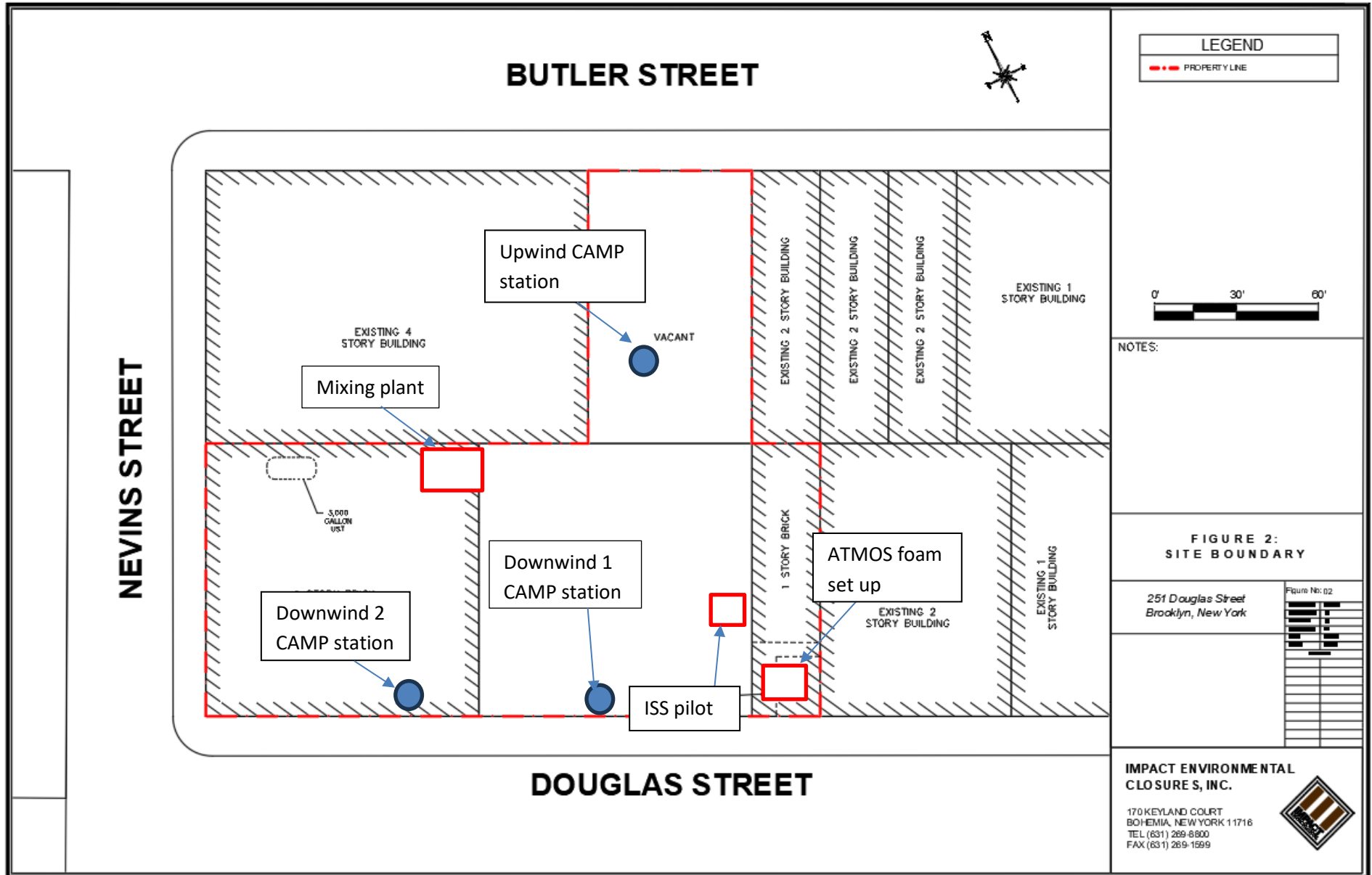
### IMPACT ENVIRONMENTAL

170 KEYLAND COURT  
BOHEMIA, NEW YORK 11716  
TEL (631) 269-8800  
FAX (631) 269-1599



# DOUGLASS STREET







**IMPACT ENVIRONMENTAL**

170 Keyland Court | Bohemia | NY | 11716 | 631.269.8800

welcome to solid ground...

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**UPWIND CAMP READINGS**

251 DOUGLASS STREET, BROOKLYN, NY

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113005
Firmware Version	3.1
Calibration Date	2/11/2023
Test Name	MANUAL_002
Test Start Time	7:25:49 AM
Test Start Date	10/30/2023
Test Length [D:H:M]	0:10:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.049
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.083
Mass TWA [mg/m3]	0.056
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	40

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
7:25	0.048		
7:40	0.041		
7:55	0.018		
8:10	0.023		
8:25	0.018		
8:40	0.028		
8:55	0.038		
9:10	0.043		
9:25	0.047		
9:40	0.041		
9:55	0.04		
10:10	0.045		
10:25	0.046		
10:40	0.047		
10:55	0.068		
11:10	0.059		
11:25	0.067		
11:40	0.067		
11:55	0.068		
12:10	0.071		
12:25	0.071		
12:40	0.069		
12:55	0.068		
13:10	0.079		
13:25	0.083		
13:40	0.076		
13:55	0.075		



14:10	0.083
14:25	0.079
14:40	0.07
14:55	0.059
15:10	0.056
15:25	0.049
15:40	0.026
15:55	0.018
16:10	0.015
16:25	0.013
16:40	0.012
16:55	0.009
17:10	0.009











**DOWNWIND CAMP READINGS**

251 DOUGLASS STREET, BROOKLYN, NY





Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173225
Firmware Version	3.1
Calibration Date	11/30/2022
Test Name	MANUAL_014
Test Start Time	7:19:58 AM
Test Start Date	10/30/2023
Test Length [D:H:M]	0:10:20
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.04
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.342
Mass TWA [mg/m3]	0.05
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	620

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
7:19	0.025		
7:20	0.014		
7:21	0.015		
7:22	0.014		
7:23	0.013		
7:24	0.014		
7:25	0.014		
7:26	0.016		
7:27	0.018		
7:28	0.025		
7:29	0.03		
7:30	0.031		
7:31	0.032		
7:32	0.035		
7:33	0.036		
7:34	0.036		
7:35	0.036		
7:36	0.033		
7:37	0.032		
7:38	0.031		
7:39	0.03		
7:40	0.027		
7:41	0.029		
7:42	0.027		
7:43	0.027		
7:44	0.025		
7:45	0.025		

7:46	0.026
7:47	0.026
7:48	0.025
7:49	0.025
7:50	0.025
7:51	0.024
7:52	0.022
7:53	0.024
7:54	0.018
7:55	0.015
7:56	0.016
7:57	0.016
7:58	0.015
7:59	0.012
8:00	0.013
8:01	0.015
8:02	0.015
8:03	0.013
8:04	0.014
8:05	0.013
8:06	0.012
8:07	0.012
8:08	0.011
8:09	0.011
8:10	0.012
8:11	0.012
8:12	0.014
8:13	0.015
8:14	0.015
8:15	0.019
8:16	0.015
8:17	0.014
8:18	0.014
8:19	0.014
8:20	0.014
8:21	0.014
8:22	0.017
8:23	0.017
8:24	0.016
8:25	0.03
8:26	0.033
8:27	0.018
8:28	0.04
8:29	0.022
8:30	0.018
8:31	0.023
8:32	0.016

8:33	0.017
8:34	0.015
8:35	0.018
8:36	0.018
8:37	0.031
8:38	0.025
8:39	0.027
8:40	0.198
8:41	0.108
8:42	0.219
8:43	0.342
8:44	0.142
8:45	0.141
8:46	0.166
8:47	0.124
8:48	0.099
8:49	0.236
8:50	0.041
8:51	0.025
8:52	0.028
8:53	0.037
8:54	0.034
8:55	0.028
8:56	0.028
8:57	0.029
8:58	0.03
8:59	0.029
9:00	0.034
9:01	0.035
9:02	0.037
9:03	0.033
9:04	0.034
9:05	0.035
9:06	0.034
9:07	0.034
9:08	0.034
9:09	0.035
9:10	0.036
9:11	0.036
9:12	0.036
9:13	0.038
9:14	0.036
9:15	0.036
9:16	0.035
9:17	0.035
9:18	0.036
9:19	0.036

9:20	0.036
9:21	0.037
9:22	0.037
9:23	0.037
9:24	0.038
9:25	0.038
9:26	0.04
9:27	0.04
9:28	0.041
9:29	0.042
9:30	0.042
9:31	0.041
9:32	0.041
9:33	0.041
9:34	0.041
9:35	0.041
9:36	0.041
9:37	0.042
9:38	0.042
9:39	0.042
9:40	0.042
9:41	0.043
9:42	0.042
9:43	0.043
9:44	0.043
9:45	0.042
9:46	0.041
9:47	0.034
9:48	0.03
9:49	0.029
9:50	0.028
9:51	0.029
9:52	0.03
9:53	0.032
9:54	0.028
9:55	0.027
9:56	0.029
9:57	0.028
9:58	0.031
9:59	0.031
10:00	0.036
10:01	0.031
10:02	0.028
10:03	0.027
10:04	0.027
10:05	0.028
10:06	0.026

10:07	0.025
10:08	0.027
10:09	0.03
10:10	0.033
10:11	0.034
10:12	0.03
10:13	0.033
10:14	0.037
10:15	0.033
10:16	0.032
10:17	0.031
10:18	0.034
10:19	0.034
10:20	0.034
10:21	0.035
10:22	0.042
10:23	0.036
10:24	0.035
10:25	0.038
10:26	0.037
10:27	0.036
10:28	0.034
10:29	0.035
10:30	0.036
10:31	0.036
10:32	0.036
10:33	0.033
10:34	0.033
10:35	0.034
10:36	0.036
10:37	0.038
10:38	0.037
10:39	0.037
10:40	0.04
10:41	0.042
10:42	0.036
10:43	0.034
10:44	0.035
10:45	0.033
10:46	0.037
10:47	0.037
10:48	0.038
10:49	0.038
10:50	0.043
10:51	0.042
10:52	0.039
10:53	0.039

10:54	0.039
10:55	0.041
10:56	0.053
10:57	0.047
10:58	0.052
10:59	0.057
11:00	0.06
11:01	0.055
11:02	0.049
11:03	0.049
11:04	0.074
11:05	0.065
11:06	0.073
11:07	0.081
11:08	0.054
11:09	0.041
11:10	0.039
11:11	0.039
11:12	0.039
11:13	0.04
11:14	0.04
11:15	0.039
11:16	0.04
11:17	0.04
11:18	0.041
11:19	0.042
11:20	0.047
11:21	0.045
11:22	0.044
11:23	0.042
11:24	0.045
11:25	0.044
11:26	0.047
11:27	0.052
11:28	0.047
11:29	0.046
11:30	0.046
11:31	0.046
11:32	0.046
11:33	0.046
11:34	0.046
11:35	0.046
11:36	0.046
11:37	0.046
11:38	0.047
11:39	0.047
11:40	0.047



11:41	0.045
11:42	0.044
11:43	0.045
11:44	0.045
11:45	0.044
11:46	0.046
11:47	0.047
11:48	0.045
11:49	0.05
11:50	0.048
11:51	0.048
11:52	0.067
11:53	0.072
11:54	0.052
11:55	0.047
11:56	0.046
11:57	0.046
11:58	0.046
11:59	0.048
12:00	0.048
12:01	0.048
12:02	0.048
12:03	0.048
12:04	0.049
12:05	0.049
12:06	0.049
12:07	0.05
12:08	0.051
12:09	0.05
12:10	0.051
12:11	0.065
12:12	0.074
12:13	0.088
12:14	0.072
12:15	0.062
12:16	0.054
12:17	0.056
12:18	0.053
12:19	0.061
12:20	0.058
12:21	0.059
12:22	0.064
12:23	0.067
12:24	0.069
12:25	0.068
12:26	0.063
12:27	0.054

12:28	0.057
12:29	0.062
12:30	0.061
12:31	0.062
12:32	0.061
12:33	0.057
12:34	0.065
12:35	0.055
12:36	0.051
12:37	0.063
12:38	0.058
12:39	0.056
12:40	0.056
12:41	0.05
12:42	0.051
12:43	0.093
12:44	0.068
12:45	0.053
12:46	0.059
12:47	0.076
12:48	0.083
12:49	0.065
12:50	0.068
12:51	0.063
12:52	0.052
12:53	0.054
12:54	0.053
12:55	0.051
12:56	0.055
12:57	0.061
12:58	0.058
12:59	0.051
13:00	0.055
13:01	0.054
13:02	0.049
13:03	0.05
13:04	0.052
13:05	0.063
13:06	0.062
13:07	0.056
13:08	0.052
13:09	0.053
13:10	0.053
13:11	0.053
13:12	0.054
13:13	0.053
13:14	0.053

13:15	0.054
13:16	0.055
13:17	0.058
13:18	0.058
13:19	0.057
13:20	0.061
13:21	0.081
13:22	0.078
13:23	0.085
13:24	0.069
13:25	0.071
13:26	0.069
13:27	0.067
13:28	0.066
13:29	0.067
13:30	0.072
13:31	0.078
13:32	0.085
13:33	0.079
13:34	0.073
13:35	0.081
13:36	0.072
13:37	0.067
13:38	0.068
13:39	0.074
13:40	0.093
13:41	0.086
13:42	0.066
13:43	0.061
13:44	0.062
13:45	0.061
13:46	0.061
13:47	0.122
13:48	0.069
13:49	0.071
13:50	0.066
13:51	0.063
13:52	0.061
13:53	0.06
13:54	0.06
13:55	0.06
13:56	0.069
13:57	0.061
13:58	0.059
13:59	0.059
14:00	0.064
14:01	0.065

14:02	0.06
14:03	0.06
14:04	0.06
14:05	0.069
14:06	0.086
14:07	0.072
14:08	0.08
14:09	0.084
14:10	0.066
14:11	0.06
14:12	0.058
14:13	0.06
14:14	0.063
14:15	0.077
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14:17	0.063
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14:26	0.107
14:27	0.086
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14:29	0.081
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14:31	0.138
14:32	0.084
14:33	0.067
14:34	0.059
14:35	0.056
14:36	0.06
14:37	0.073
14:38	0.071
14:39	0.088
14:40	0.1
14:41	0.08
14:42	0.075
14:43	0.082
14:44	0.064
14:45	0.062
14:46	0.092
14:47	0.055
14:48	0.076

14:49	0.097
14:50	0.079
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14:52	0.058
14:53	0.056
14:54	0.053
14:55	0.054
14:56	0.052
14:57	0.049
14:58	0.051
14:59	0.052
15:00	0.05
15:01	0.048
15:02	0.047
15:03	0.045
15:04	0.047
15:05	0.046
15:06	0.044
15:07	0.044
15:08	0.046
15:09	0.046
15:10	0.043
15:11	0.042
15:12	0.041
15:13	0.042
15:14	0.041
15:15	0.04
15:16	0.04
15:17	0.041
15:18	0.043
15:19	0.041
15:20	0.036
15:21	0.035
15:22	0.035
15:23	0.035
15:24	0.034
15:25	0.034
15:26	0.034
15:27	0.034
15:28	0.034
15:29	0.032
15:30	0.033
15:31	0.034
15:32	0.034
15:33	0.033
15:34	0.032
15:35	0.029

15:36	0.027
15:37	0.028
15:38	0.028
15:39	0.026
15:40	0.025
15:41	0.022
15:42	0.022
15:43	0.019
15:44	0.019
15:45	0.019
15:46	0.018
15:47	0.016
15:48	0.013
15:49	0.013
15:50	0.013
15:51	0.014
15:52	0.014
15:53	0.013
15:54	0.012
15:55	0.013
15:56	0.012
15:57	0.011
15:58	0.011
15:59	0.01
16:00	0.01
16:01	0.009
16:02	0.008
16:03	0.007
16:04	0.006
16:05	0.006
16:06	0.005
16:07	0.005
16:08	0.005
16:09	0.005
16:10	0.006
16:11	0.005
16:12	0.006
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16:24	0.006
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16:29	0.004
16:30	0.004
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16:32	0.005
16:33	0.004
16:34	0.007
16:35	0.004
16:36	0.003
16:37	0.003
16:38	0.003
16:39	0.003
16:40	0.008
16:41	0.004
16:42	0.004
16:43	0.004
16:44	0.003
16:45	0.002
16:46	0.002
16:47	0.001
16:48	0.024
16:49	0.005
16:50	0.001
16:51	0.001
16:52	0.001
16:53	0
16:54	0
16:55	0
16:56	0
16:57	0
16:58	0
16:59	0
17:00	0
17:01	0
17:02	0
17:03	0
17:04	0
17:05	0
17:06	0
17:07	0
17:08	0
17:09	0



17:10	0
17:11	0
17:12	0
17:13	0
17:14	0
17:15	0.001
17:16	0
17:17	0.001
17:18	0.001
17:19	0
17:20	0.001
17:21	0.001
17:22	0.001
17:23	0.006
17:24	0.002
17:25	0.001
17:26	0.002
17:27	0.002
17:28	0.008
17:29	0.002
17:30	0.002
17:31	0.002
17:32	0.002
17:33	0.002
17:34	0.002
17:35	0.002
17:36	0.002
17:37	0.002
17:38	0.003

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530100909
Firmware Version	3.1
Calibration Date	7/24/2023
Test Name	MANUAL_012
Test Start Time	7:22:22 AM
Test Start Date	10/30/2023
Test Length [D:H:M]	0:10:19
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.025
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.117
Mass TWA [mg/m3]	0.031
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	619

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
7:22	0.013		
7:23	0.007		
7:24	0.006		
7:25	0.006		
7:26	0.008		
7:27	0.008		
7:28	0.011		
7:29	0.016		
7:30	0.017		
7:31	0.02		
7:32	0.02		
7:33	0.02		
7:34	0.021		
7:35	0.022		
7:36	0.02		
7:37	0.019		
7:38	0.017		
7:39	0.016		
7:40	0.017		
7:41	0.016		
7:42	0.016		
7:43	0.015		
7:44	0.014		
7:45	0.013		
7:46	0.014		
7:47	0.015		
7:48	0.015		

7:49	0.012
7:50	0.009
7:51	0.01
7:52	0.01
7:53	0.008
7:54	0.006
7:55	0.005
7:56	0.008
7:57	0.009
7:58	0.007
7:59	0.004
8:00	0.005
8:01	0.004
8:02	0.004
8:03	0.003
8:04	0.004
8:05	0.004
8:06	0.004
8:07	0.004
8:08	0.003
8:09	0.003
8:10	0.003
8:11	0.003
8:12	0.005
8:13	0.007
8:14	0.005
8:15	0.009
8:16	0.005
8:17	0.004
8:18	0.005
8:19	0.005
8:20	0.005
8:21	0.004
8:22	0.005
8:23	0.005
8:24	0.005
8:25	0.027
8:26	0.01
8:27	0.007
8:28	0.006
8:29	0.007
8:30	0.005
8:31	0.004
8:32	0.005
8:33	0.005
8:34	0.005
8:35	0.006

8:36	0.006
8:37	0.007
8:38	0.011
8:39	0.009
8:40	0.009
8:41	0.014
8:42	0.02
8:43	0.049
8:44	0.036
8:45	0.018
8:46	0.014
8:47	0.026
8:48	0.03
8:49	0.021
8:50	0.022
8:51	0.015
8:52	0.012
8:53	0.012
8:54	0.014
8:55	0.014
8:56	0.015
8:57	0.016
8:58	0.016
8:59	0.017
9:00	0.021
9:01	0.019
9:02	0.02
9:03	0.021
9:04	0.02
9:05	0.02
9:06	0.02
9:07	0.02
9:08	0.02
9:09	0.02
9:10	0.02
9:11	0.02
9:12	0.02
9:13	0.021
9:14	0.02
9:15	0.02
9:16	0.021
9:17	0.021
9:18	0.021
9:19	0.022
9:20	0.022
9:21	0.023
9:22	0.022

9:23	0.021
9:24	0.022
9:25	0.022
9:26	0.023
9:27	0.024
9:28	0.024
9:29	0.024
9:30	0.023
9:31	0.024
9:32	0.024
9:33	0.024
9:34	0.024
9:35	0.024
9:36	0.024
9:37	0.025
9:38	0.025
9:39	0.025
9:40	0.025
9:41	0.024
9:42	0.024
9:43	0.024
9:44	0.024
9:45	0.024
9:46	0.022
9:47	0.018
9:48	0.016
9:49	0.017
9:50	0.015
9:51	0.014
9:52	0.014
9:53	0.013
9:54	0.013
9:55	0.013
9:56	0.015
9:57	0.016
9:58	0.018
9:59	0.021
10:00	0.025
10:01	0.017
10:02	0.014
10:03	0.013
10:04	0.015
10:05	0.015
10:06	0.013
10:07	0.012
10:08	0.013
10:09	0.016

10:10	0.021
10:11	0.018
10:12	0.016
10:13	0.018
10:14	0.02
10:15	0.021
10:16	0.02
10:17	0.017
10:18	0.019
10:19	0.02
10:20	0.019
10:21	0.023
10:22	0.026
10:23	0.019
10:24	0.022
10:25	0.021
10:26	0.021
10:27	0.021
10:28	0.02
10:29	0.02
10:30	0.022
10:31	0.022
10:32	0.022
10:33	0.02
10:34	0.02
10:35	0.021
10:36	0.022
10:37	0.022
10:38	0.022
10:39	0.023
10:40	0.031
10:41	0.028
10:42	0.023
10:43	0.021
10:44	0.021
10:45	0.02
10:46	0.025
10:47	0.022
10:48	0.023
10:49	0.022
10:50	0.028
10:51	0.027
10:52	0.024
10:53	0.028
10:54	0.024
10:55	0.026
10:56	0.035

10:57	0.03
10:58	0.053
10:59	0.044
11:00	0.077
11:01	0.043
11:02	0.034
11:03	0.034
11:04	0.05
11:05	0.057
11:06	0.059
11:07	0.049
11:08	0.03
11:09	0.027
11:10	0.024
11:11	0.023
11:12	0.023
11:13	0.024
11:14	0.023
11:15	0.024
11:16	0.024
11:17	0.025
11:18	0.027
11:19	0.031
11:20	0.032
11:21	0.03
11:22	0.028
11:23	0.027
11:24	0.028
11:25	0.028
11:26	0.03
11:27	0.033
11:28	0.03
11:29	0.03
11:30	0.03
11:31	0.03
11:32	0.03
11:33	0.03
11:34	0.03
11:35	0.03
11:36	0.03
11:37	0.03
11:38	0.03
11:39	0.031
11:40	0.031
11:41	0.029
11:42	0.03
11:43	0.034

11:44	0.029
11:45	0.03
11:46	0.032
11:47	0.032
11:48	0.032
11:49	0.033
11:50	0.033
11:51	0.036
11:52	0.039
11:53	0.039
11:54	0.036
11:55	0.032
11:56	0.031
11:57	0.031
11:58	0.031
11:59	0.031
12:00	0.031
12:01	0.032
12:02	0.031
12:03	0.031
12:04	0.032
12:05	0.032
12:06	0.032
12:07	0.032
12:08	0.033
12:09	0.033
12:10	0.032
12:11	0.04
12:12	0.06
12:13	0.079
12:14	0.051
12:15	0.04
12:16	0.035
12:17	0.035
12:18	0.034
12:19	0.038
12:20	0.036
12:21	0.042
12:22	0.044
12:23	0.052
12:24	0.05
12:25	0.048
12:26	0.041
12:27	0.036
12:28	0.036
12:29	0.042
12:30	0.042



12:31	0.044
12:32	0.047
12:33	0.039
12:34	0.048
12:35	0.042
12:36	0.034
12:37	0.04
12:38	0.045
12:39	0.048
12:40	0.042
12:41	0.033
12:42	0.031
12:43	0.069
12:44	0.05
12:45	0.037
12:46	0.037
12:47	0.053
12:48	0.063
12:49	0.048
12:50	0.046
12:51	0.046
12:52	0.034
12:53	0.035
12:54	0.036
12:55	0.034
12:56	0.036
12:57	0.042
12:58	0.054
12:59	0.04
13:00	0.035
13:01	0.043
13:02	0.032
13:03	0.033
13:04	0.037
13:05	0.047
13:06	0.046
13:07	0.038
13:08	0.035
13:09	0.035
13:10	0.035
13:11	0.036
13:12	0.035
13:13	0.036
13:14	0.035
13:15	0.036
13:16	0.037
13:17	0.038

13:18	0.04
13:19	0.039
13:20	0.039
13:21	0.061
13:22	0.066
13:23	0.063
13:24	0.049
13:25	0.047
13:26	0.046
13:27	0.046
13:28	0.045
13:29	0.045
13:30	0.054
13:31	0.052
13:32	0.058
13:33	0.068
13:34	0.051
13:35	0.064
13:36	0.051
13:37	0.045
13:38	0.047
13:39	0.051
13:40	0.069
13:41	0.071
13:42	0.043
13:43	0.04
13:44	0.04
13:45	0.041
13:46	0.04
13:47	0.041
13:48	0.043
13:49	0.052
13:50	0.049
13:51	0.045
13:52	0.04
13:53	0.039
13:54	0.041
13:55	0.039
13:56	0.045
13:57	0.04
13:58	0.039
13:59	0.039
14:00	0.04
14:01	0.043
14:02	0.04
14:03	0.039
14:04	0.04

14:05	0.047
14:06	0.073
14:07	0.047
14:08	0.064
14:09	0.061
14:10	0.043
14:11	0.04
14:12	0.039
14:13	0.041
14:14	0.041
14:15	0.051
14:16	0.088
14:17	0.049
14:18	0.045
14:19	0.117
14:20	0.103
14:21	0.08
14:22	0.042
14:23	0.048
14:24	0.038
14:25	0.064
14:26	0.099
14:27	0.078
14:28	0.044
14:29	0.079
14:30	0.095
14:31	0.109
14:32	0.058
14:33	0.046
14:34	0.04
14:35	0.039
14:36	0.045
14:37	0.079
14:38	0.057
14:39	0.078
14:40	0.079
14:41	0.064
14:42	0.061
14:43	0.062
14:44	0.048
14:45	0.044
14:46	0.076
14:47	0.038
14:48	0.053
14:49	0.069
14:50	0.057
14:51	0.036

14:52	0.041
14:53	0.038
14:54	0.037
14:55	0.038
14:56	0.037
14:57	0.034
14:58	0.035
14:59	0.036
15:00	0.035
15:01	0.034
15:02	0.032
15:03	0.032
15:04	0.032
15:05	0.033
15:06	0.031
15:07	0.029
15:08	0.031
15:09	0.033
15:10	0.031
15:11	0.029
15:12	0.03
15:13	0.03
15:14	0.028
15:15	0.028
15:16	0.029
15:17	0.027
15:18	0.029
15:19	0.029
15:20	0.025
15:21	0.024
15:22	0.024
15:23	0.023
15:24	0.022
15:25	0.022
15:26	0.022
15:27	0.022
15:28	0.023
15:29	0.021
15:30	0.021
15:31	0.022
15:32	0.022
15:33	0.023
15:34	0.022
15:35	0.019
15:36	0.019
15:37	0.025
15:38	0.018

15:39	0.018
15:40	0.017
15:41	0.013
15:42	0.013
15:43	0.012
15:44	0.011
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15:46	0.011
15:47	0.009
15:48	0.007
15:49	0.007
15:50	0.007
15:51	0.008
15:52	0.008
15:53	0.007
15:54	0.006
15:55	0.007
15:56	0.006
15:57	0.006
15:58	0.005
15:59	0.005
16:00	0.005
16:01	0.004
16:02	0.003
16:03	0.002
16:04	0.002
16:05	0.002
16:06	0.001
16:07	0.001
16:08	0.001
16:09	0.001
16:10	0.002
16:11	0.001
16:12	0.001
16:13	0.001
16:14	0.001
16:15	0.001
16:16	0.001
16:17	0.001
16:18	0.001
16:19	0.001
16:20	0.001
16:21	0.001
16:22	0.001
16:23	0.001
16:24	0.001
16:25	0.001

16:26	0.001
16:27	0.001
16:28	0.001
16:29	0
16:30	0
16:31	0
16:32	0
16:33	0
16:34	0.001
16:35	0
16:36	0
16:37	0
16:38	0.001
16:39	0.001
16:40	0.036
16:41	0.003
16:42	0.001
16:43	0.003
16:44	0
16:45	0
16:46	0
16:47	0.001
16:48	0
16:49	0
16:50	0
16:51	0
16:52	0
16:53	0
16:54	0
16:55	0
16:56	0
16:57	0
16:58	0
16:59	0
17:00	0
17:01	0
17:02	0
17:03	0
17:04	0
17:05	0
17:06	0
17:07	0
17:08	0
17:09	0
17:10	0
17:11	0
17:12	0

17:13	0
17:14	0
17:15	0
17:16	0
17:17	0
17:18	0
17:19	0
17:20	0.001
17:21	0
17:22	0
17:23	0.004
17:24	0
17:25	0
17:26	0
17:27	0.001
17:28	0.005
17:29	0
17:30	0.001
17:31	0
17:32	0
17:33	0
17:34	0
17:35	0
17:36	0
17:37	0
17:38	0
17:39	0.009
17:40	0.013

















