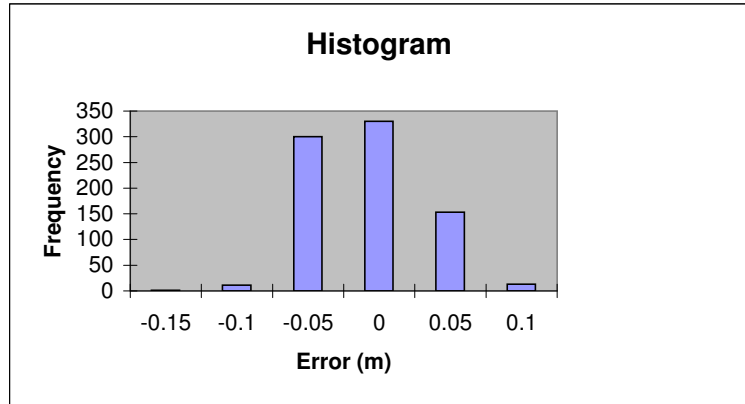


Z:\LIDAR_PROCESSING\6090707_Yukon_Flats\QAQC\Control\Original_Survey_Data\Fort_Yukon_QC_UTM6m_G06_PENZ.txt

Number Easting Northing Known Z Laser Z Dz Dz*2 Analyzed by: jcloutier on 11/16/2009 at 3:44:30 PM

Number	Easting	Northing	Known Z	Laser Z	Dz	Dz*2
158	552926.6	7350313	133.972	133.85	-0.122	0.014884
452	553086.9	7351153	134.129	134.01	-0.119	0.014161
159	552926.7	7350313	133.963	133.85	-0.113	0.012769
671	576982.7	7384312	135.913	135.8	-0.113	0.012769
534	553141.3	7351450	134.09	133.98	-0.11	0.0121
164	552932	7350326	134.119	134.01	-0.109	0.011881
252	552983.7	7350589	134.119	134.01	-0.109	0.011881
147	552933.7	7350345	134.057	133.95	-0.107	0.011449
160	552928	7350316	134.034	133.93	-0.104	0.010816
119	552957.7	7350435	134.074	133.97	-0.104	0.010816
322	553018.1	7350785	134.111	134.01	-0.101	0.010201
166	552933.8	7350332	134.14	134.04	-0.1	0.01
156	552927.7	7350318	134.018	133.92	-0.098	0.009604
174	552939.6	7350354	134.078	133.98	-0.098	0.009604
673	576990.6	7384316	135.898	135.8	-0.098	0.009604
155	552928.3	7350321	134.047	133.95	-0.097	0.009409
332	553023	7350814	134.117	134.02	-0.097	0.009409
314	553014.5	7350765	134.127	134.03	-0.097	0.009409
426	553072.2	7351076	134.137	134.04	-0.097	0.009409
282	552998.7	7350675	134.116	134.02	-0.096	0.009216
149	552932.1	7350339	134.064	133.97	-0.094	0.008836
330	553022	7350808	134.124	134.03	-0.094	0.008836
647	576891.8	7384258	135.674	135.58	-0.094	0.008836
169	552936.3	7350340	134.093	134	-0.093	0.008649
371	553044.8	7350924	134.123	134.03	-0.093	0.008649
672	576986.7	7384314	135.913	135.82	-0.093	0.008649
117	552965.2	7350433	134.002	133.91	-0.092	0.008464
109	552998.6	7350427	133.781	133.69	-0.091	0.008281
488	553108.2	7351267	134.101	134.01	-0.091	0.008281
300	553007.6	7350726	134.09	134	-0.09	0.0081
342	553029.1	7350841	134.09	134	-0.09	0.0081
408	553062.5	7351025	134.11	134.02	-0.09	0.0081
277	552996.3	7350661	134.12	134.03	-0.09	0.0081
570	553168.9	7351604	134.13	134.04	-0.09	0.0081
390	553053.5	7350976	134.079	133.99	-0.089	0.007921
348	553032.4	7350859	134.109	134.02	-0.089	0.007921
407	553062	7351022	134.109	134.02	-0.089	0.007921
278	552996.9	7350664	134.129	134.04	-0.089	0.007921
112	552985.6	7350429	133.808	133.72	-0.088	0.007744
317	553015.8	7350772	134.118	134.03	-0.088	0.007744
560	553161	7351562	134.118	134.03	-0.088	0.007744
294	553004.6	7350709	134.148	134.06	-0.088	0.007744
676	577001.4	7384323	135.887	135.8	-0.087	0.007569
153	552929.3	7350327	134.056	133.97	-0.086	0.007396
393	553054.8	7350983	134.086	134	-0.086	0.007396
276	552995.7	7350658	134.116	134.03	-0.086	0.007396
501	553116.2	7351312	134.126	134.04	-0.086	0.007396
172	552938.4	7350348	134.085	134	-0.085	0.007225
387	553052.2	7350968	134.115	134.03	-0.085	0.007225
310	553012.6	7350754	134.125	134.04	-0.085	0.007225

Statistical Summary
 Mean: -0.034 meters
 Median: -0.04 meters
 Mode: -0.039 meters
 Kurtosis: -0.291
 Skew: 0.485
 Minimum: -0.122 meters
 Maximum: 0.088 meters
 Range: 0.21 meters
 Count: 808
 RMSE: 0.051
 RMSE*1.96 (95% CI - NSSDA) 0.1



Error (m)	Frequency
-0.15	1
-0.1	11
-0.05	300
0	330
0.05	153
0.1	13

316	553015.4	7350770	134.125	134.04	-0.085	0.007225
697	577086.2	7384371	135.605	135.52	-0.085	0.007225
114	552977	7350431	133.864	133.78	-0.084	0.007056
553	553155.9	7351533	134.094	134.01	-0.084	0.007056
320	553017	7350780	134.113	134.03	-0.083	0.006889
396	553056.2	7350991	134.102	134.02	-0.082	0.006724
333	553023.5	7350817	134.112	134.03	-0.082	0.006724
557	553158.9	7351549	134.112	134.03	-0.082	0.006724
639	577152.9	7384455	134.822	134.74	-0.082	0.006724
319	553016.7	7350777	134.111	134.03	-0.081	0.006561
542	553147.8	7351486	134.131	134.05	-0.081	0.006561
654	576912.6	7384272	135.771	135.69	-0.081	0.006561
486	553106.9	7351260	134.09	134.01	-0.08	0.0064
460	553091.9	7351177	134.11	134.03	-0.08	0.0064
479	553102.7	7351236	134.11	134.03	-0.08	0.0064
167	552934.6	7350334	134.12	134.04	-0.08	0.0064
165	552933	7350329	134.13	134.05	-0.08	0.0064
217	552964.1	7350482	134.089	134.01	-0.079	0.006241
211	552960	7350462	134.099	134.02	-0.079	0.006241
368	553043.3	7350917	134.109	134.03	-0.079	0.006241
311	553013	7350757	134.129	134.05	-0.079	0.006241
383	553050.4	7350957	134.129	134.05	-0.079	0.006241
700	577097.5	7384378	135.589	135.51	-0.079	0.006241
139	552939.4	7350369	134.078	134	-0.078	0.006084
219	552965.2	7350489	134.088	134.01	-0.078	0.006084
372	553045.2	7350927	134.118	134.04	-0.078	0.006084
373	553045.8	7350930	134.118	134.04	-0.078	0.006084
555	553157.3	7351541	134.118	134.04	-0.078	0.006084
256	552985.8	7350601	134.128	134.05	-0.078	0.006084
454	553088.1	7351159	134.128	134.05	-0.078	0.006084
696	577082.2	7384369	135.618	135.54	-0.078	0.006084
453	553087.5	7351156	134.127	134.05	-0.077	0.005929
345	553030.8	7350850	134.086	134.01	-0.076	0.005776
414	553065.6	7351042	134.116	134.04	-0.076	0.005776
440	553080.1	7351119	134.116	134.04	-0.076	0.005776
651	576905.5	7384264	135.736	135.66	-0.076	0.005776
113	552981.2	7350430	133.845	133.77	-0.075	0.005625
162	552930	7350321	134.065	133.99	-0.075	0.005625
388	553052.6	7350970	134.095	134.02	-0.075	0.005625
409	553063	7351028	134.105	134.03	-0.075	0.005625
412	553064.5	7351036	134.105	134.03	-0.075	0.005625
680	577017.6	7384332	135.805	135.73	-0.075	0.005625
675	576998.2	7384321	135.895	135.82	-0.075	0.005625
152	552929.9	7350330	134.064	133.99	-0.074	0.005476
171	552937.8	7350346	134.084	134.01	-0.074	0.005476
497	553113.9	7351299	134.104	134.03	-0.074	0.005476
423	553070.5	7351067	134.124	134.05	-0.074	0.005476
441	553080.7	7351122	134.124	134.05	-0.074	0.005476
641	576868.1	7384248	135.564	135.49	-0.074	0.005476
674	576994.4	7384319	135.894	135.82	-0.074	0.005476
467	553096	7351199	134.063	133.99	-0.073	0.005329
151	552930.7	7350333	134.073	134	-0.073	0.005329
484	553105.7	7351253	134.093	134.02	-0.073	0.005329

552	553155.1	7351529	134.093	134.02	-0.073	0.005329
284	552999.6	7350680	134.103	134.03	-0.073	0.005329
549	553153.1	7351517	134.103	134.03	-0.073	0.005329
444	553082.5	7351131	134.123	134.05	-0.073	0.005329
546	553151	7351505	134.123	134.05	-0.073	0.005329
161	552929	7350318	134.042	133.97	-0.072	0.005184
312	553013.6	7350760	134.132	134.06	-0.072	0.005184
540	553146.3	7351477	134.132	134.06	-0.072	0.005184
717	577162.1	7384417	135.442	135.37	-0.072	0.005184
395	553055.7	7350988	134.101	134.03	-0.071	0.005041
400	553058.2	7351003	134.101	134.03	-0.071	0.005041
457	553090	7351168	134.111	134.04	-0.071	0.005041
375	553046.8	7350936	134.131	134.06	-0.071	0.005041
398	553057.3	7350997	134.1	134.03	-0.07	0.0049
487	553107.6	7351264	134.1	134.03	-0.07	0.0049
491	553110.2	7351278	134.12	134.05	-0.07	0.0049
545	553150.3	7351500	134.13	134.06	-0.07	0.0049
257	552986.4	7350604	134.14	134.07	-0.07	0.0049
610	577208.9	7384363	134.43	134.36	-0.07	0.0049
682	577025.8	7384336	135.77	135.7	-0.07	0.0049
677	577005.4	7384325	135.86	135.79	-0.07	0.0049
110	552994.1	7350428	133.789	133.72	-0.069	0.004761
343	553029.6	7350844	134.089	134.02	-0.069	0.004761
228	552970	7350515	134.099	134.03	-0.069	0.004761
230	552971	7350521	134.099	134.03	-0.069	0.004761
351	553034.1	7350867	134.099	134.03	-0.069	0.004761
234	552973.3	7350533	134.109	134.04	-0.069	0.004761
537	553143.7	7351463	134.109	134.04	-0.069	0.004761
243	552978.6	7350562	134.119	134.05	-0.069	0.004761
687	577046.3	7384348	135.719	135.65	-0.069	0.004761
684	577033.9	7384341	135.739	135.67	-0.069	0.004761
659	576933.3	7384284	135.829	135.76	-0.069	0.004761
135	552942.2	7350381	134.078	134.01	-0.068	0.004624
173	552939.1	7350351	134.078	134.01	-0.068	0.004624
299	553007.1	7350723	134.098	134.03	-0.068	0.004624
367	553042.9	7350914	134.098	134.03	-0.068	0.004624
489	553108.8	7351271	134.108	134.04	-0.068	0.004624
331	553022.6	7350811	134.118	134.05	-0.068	0.004624
547	553151.8	7351509	134.118	134.05	-0.068	0.004624
384	553050.9	7350960	134.128	134.06	-0.068	0.004624
108	553003	7350427	133.757	133.69	-0.067	0.004489
303	553008.9	7350734	134.077	134.01	-0.067	0.004489
350	553033.5	7350864	134.107	134.04	-0.067	0.004489
556	553158.1	7351545	134.107	134.04	-0.067	0.004489
558	553159.6	7351553	134.107	134.04	-0.067	0.004489
380	553049.2	7350950	134.127	134.06	-0.067	0.004489
443	553081.9	7351128	134.127	134.06	-0.067	0.004489
688	577050.3	7384350	135.717	135.65	-0.067	0.004489
184	552945.9	7350383	134.076	134.01	-0.066	0.004356
305	553010	7350740	134.076	134.01	-0.066	0.004356
510	553122.3	7351346	134.096	134.03	-0.066	0.004356
402	553059.5	7351008	134.106	134.04	-0.066	0.004356
567	553166.3	7351591	134.106	134.04	-0.066	0.004356

422	553070	7351064	134.116	134.05	-0.066	0.004356
499	553115	7351305	134.116	134.05	-0.066	0.004356
246	552980.3	7350571	134.126	134.06	-0.066	0.004356
315	553014.9	7350768	134.126	134.06	-0.066	0.004356
425	553071.6	7351073	134.126	134.06	-0.066	0.004356
519	553129.2	7351386	134.126	134.06	-0.066	0.004356
292	553003.7	7350703	134.136	134.07	-0.066	0.004356
678	577009.4	7384328	135.836	135.77	-0.066	0.004356
907	577788.7	7384799	136.206	136.14	-0.066	0.004356
182	552944.7	7350378	134.085	134.02	-0.065	0.004225
301	553008	7350729	134.085	134.02	-0.065	0.004225
125	552950.6	7350417	134.095	134.03	-0.065	0.004225
394	553055.3	7350986	134.095	134.03	-0.065	0.004225
267	552991.5	7350633	134.115	134.05	-0.065	0.004225
298	553006.6	7350720	134.115	134.05	-0.065	0.004225
377	553048	7350942	134.115	134.05	-0.065	0.004225
638	577154.5	7384452	134.905	134.84	-0.065	0.004225
686	577042.2	7384346	135.715	135.65	-0.065	0.004225
828	577523.7	7384637	136.185	136.12	-0.065	0.004225
175	552940.2	7350357	134.074	134.01	-0.064	0.004096
196	552952	7350418	134.074	134.01	-0.064	0.004096
304	553009.4	7350737	134.074	134.01	-0.064	0.004096
344	553030.1	7350847	134.084	134.02	-0.064	0.004096
127	552948.8	7350410	134.094	134.03	-0.064	0.004096
475	553100.3	7351223	134.094	134.03	-0.064	0.004096
232	552972.1	7350527	134.104	134.04	-0.064	0.004096
405	553061	7351017	134.124	134.06	-0.064	0.004096
291	553003.1	7350700	134.134	134.07	-0.064	0.004096
313	553014.1	7350762	134.134	134.07	-0.064	0.004096
293	553004.2	7350706	134.144	134.08	-0.064	0.004096
643	576876.5	7384251	135.624	135.56	-0.064	0.004096
649	576898.8	7384261	135.694	135.63	-0.064	0.004096
106	553010.9	7350426	133.693	133.63	-0.063	0.003969
157	552927.1	7350316	133.993	133.93	-0.063	0.003969
144	552936	7350354	134.053	133.99	-0.063	0.003969
203	552955.5	7350438	134.093	134.03	-0.063	0.003969
236	552974.5	7350540	134.103	134.04	-0.063	0.003969
352	553034.7	7350870	134.103	134.04	-0.063	0.003969
419	553068.3	7351056	134.103	134.04	-0.063	0.003969
509	553121.6	7351342	134.103	134.04	-0.063	0.003969
283	552999.1	7350678	134.113	134.05	-0.063	0.003969
329	553021.3	7350805	134.123	134.06	-0.063	0.003969
506	553119.3	7351330	134.123	134.06	-0.063	0.003969
646	576888.3	7384256	135.673	135.61	-0.063	0.003969
512	553123.8	7351354	134.082	134.02	-0.062	0.003844
229	552970.5	7350518	134.092	134.03	-0.062	0.003844
526	553135.2	7351416	134.102	134.04	-0.062	0.003844
374	553046.3	7350933	134.122	134.06	-0.062	0.003844
561	553161.6	7351565	134.122	134.06	-0.062	0.003844
264	552990	7350624	134.132	134.07	-0.062	0.003844
295	553005.1	7350712	134.142	134.08	-0.062	0.003844
685	577038.1	7384343	135.722	135.66	-0.062	0.003844
652	576909	7384267	135.752	135.69	-0.062	0.003844

653	576908.3	7384270	135.762	135.7	-0.062	0.003844
661	576941.7	7384288	135.872	135.81	-0.062	0.003844
150	552931.5	7350336	134.071	134.01	-0.061	0.003721
131	552945.6	7350395	134.081	134.02	-0.061	0.003721
133	552943.9	7350388	134.091	134.03	-0.061	0.003721
163	552931	7350323	134.111	134.05	-0.061	0.003721
478	553102.1	7351232	134.111	134.05	-0.061	0.003721
266	552991	7350630	134.121	134.06	-0.061	0.003721
698	577089.9	7384373	135.601	135.54	-0.061	0.003721
679	577013.5	7384330	135.821	135.76	-0.061	0.003721
665	576958.3	7384298	135.891	135.83	-0.061	0.003721
463	553093.7	7351187	134.09	134.03	-0.06	0.0036
530	553138.5	7351434	134.09	134.03	-0.06	0.0036
227	552969.5	7350512	134.1	134.04	-0.06	0.0036
318	553016.2	7350775	134.11	134.05	-0.06	0.0036
335	553024.9	7350823	134.11	134.05	-0.06	0.0036
378	553048.4	7350944	134.11	134.05	-0.06	0.0036
554	553156.4	7351536	134.11	134.05	-0.06	0.0036
504	553117.9	7351323	134.13	134.07	-0.06	0.0036
699	577093.8	7384375	135.6	135.54	-0.06	0.0036
120	552955.2	7350435	134.089	134.03	-0.059	0.003481
202	552955	7350435	134.089	134.03	-0.059	0.003481
321	553017.6	7350783	134.109	134.05	-0.059	0.003481
262	552989	7350619	134.129	134.07	-0.059	0.003481
539	553145.6	7351473	134.129	134.07	-0.059	0.003481
644	576880.7	7384253	135.649	135.59	-0.059	0.003481
193	552950.5	7350410	134.068	134.01	-0.058	0.003364
308	553011.6	7350748	134.108	134.05	-0.058	0.003364
254	552984.8	7350595	134.118	134.06	-0.058	0.003364
706	577119.7	7384391	135.548	135.49	-0.058	0.003364
658	576929.3	7384282	135.808	135.75	-0.058	0.003364
473	553099.3	7351217	134.067	134.01	-0.057	0.003249
389	553053.1	7350973	134.077	134.02	-0.057	0.003249
233	552972.7	7350530	134.097	134.04	-0.057	0.003249
242	552978.1	7350559	134.107	134.05	-0.057	0.003249
495	553112.7	7351292	134.107	134.05	-0.057	0.003249
326	553019.9	7350797	134.117	134.06	-0.057	0.003249
403	553060	7351011	134.117	134.06	-0.057	0.003249
492	553110.8	7351282	134.117	134.06	-0.057	0.003249
280	552997.7	7350669	134.127	134.07	-0.057	0.003249
296	553005.6	7350714	134.137	134.08	-0.057	0.003249
666	576962.1	7384300	135.887	135.83	-0.057	0.003249
471	553098.4	7351211	134.046	133.99	-0.056	0.003136
366	553042.5	7350911	134.096	134.04	-0.056	0.003136
482	553104.5	7351246	134.096	134.04	-0.056	0.003136
253	552984.2	7350592	134.106	134.05	-0.056	0.003136
566	553165.5	7351587	134.106	134.05	-0.056	0.003136
247	552980.9	7350574	134.126	134.07	-0.056	0.003136
466	553095.5	7351196	134.065	134.01	-0.055	0.003025
465	553094.8	7351193	134.075	134.02	-0.055	0.003025
204	552956	7350441	134.095	134.04	-0.055	0.003025
498	553114.4	7351302	134.105	134.05	-0.055	0.003025
548	553152.5	7351513	134.105	134.05	-0.055	0.003025

449	553084.9	7351144	134.115	134.06	-0.055	0.003025
507	553120.1	7351334	134.115	134.06	-0.055	0.003025
568	553167.4	7351595	134.115	134.06	-0.055	0.003025
260	552987.9	7350613	134.145	134.09	-0.055	0.003025
648	576895.4	7384259	135.685	135.63	-0.055	0.003025
660	576937.4	7384286	135.855	135.8	-0.055	0.003025
137	552940.8	7350375	134.074	134.02	-0.054	0.002916
132	552944.7	7350392	134.084	134.03	-0.054	0.002916
126	552949.8	7350413	134.094	134.04	-0.054	0.002916
429	553073.7	7351086	134.134	134.08	-0.054	0.002916
541	553147	7351482	134.134	134.08	-0.054	0.002916
104	553018.8	7350425	133.623	133.57	-0.053	0.002809
464	553094.2	7351190	134.083	134.03	-0.053	0.002809
365	553042	7350908	134.093	134.04	-0.053	0.002809
525	553134.5	7351411	134.093	134.04	-0.053	0.002809
550	553153.9	7351521	134.093	134.04	-0.053	0.002809
480	553103.2	7351239	134.103	134.05	-0.053	0.002809
289	553002.1	7350694	134.113	134.06	-0.053	0.002809
406	553061.4	7351020	134.113	134.06	-0.053	0.002809
477	553101.5	7351229	134.113	134.06	-0.053	0.002809
265	552990.4	7350627	134.123	134.07	-0.053	0.002809
455	553088.7	7351162	134.123	134.07	-0.053	0.002809
427	553072.7	7351080	134.133	134.08	-0.053	0.002809
502	553116.8	7351316	134.133	134.08	-0.053	0.002809
642	576872.6	7384250	135.613	135.56	-0.053	0.002809
472	553098.8	7351214	134.072	134.02	-0.052	0.002704
130	552946.4	7350399	134.082	134.03	-0.052	0.002704
340	553027.8	7350836	134.092	134.04	-0.052	0.002704
341	553028.4	7350838	134.092	134.04	-0.052	0.002704
535	553142.1	7351455	134.092	134.04	-0.052	0.002704
476	553101	7351226	134.102	134.05	-0.052	0.002704
168	552935.4	7350337	134.112	134.06	-0.052	0.002704
413	553065.1	7351039	134.112	134.06	-0.052	0.002704
424	553071.1	7351070	134.122	134.07	-0.052	0.002704
215	552962.8	7350476	134.081	134.03	-0.051	0.002601
179	552942.9	7350369	134.091	134.04	-0.051	0.002601
272	552993.9	7350647	134.111	134.06	-0.051	0.002601
274	552994.7	7350652	134.111	134.06	-0.051	0.002601
349	553033	7350862	134.111	134.06	-0.051	0.002601
245	552979.7	7350568	134.121	134.07	-0.051	0.002601
447	553083.9	7351139	134.121	134.07	-0.051	0.002601
185	552946.4	7350386	134.08	134.03	-0.05	0.0025
186	552946.8	7350389	134.08	134.03	-0.05	0.0025
251	552983.1	7350586	134.11	134.06	-0.05	0.0025
456	553089.4	7351165	134.11	134.06	-0.05	0.0025
490	553109.5	7351274	134.11	134.06	-0.05	0.0025
327	553020.4	7350800	134.12	134.07	-0.05	0.0025
385	553051.4	7350962	134.12	134.07	-0.05	0.0025
428	553073.2	7351083	134.14	134.09	-0.05	0.0025
854	577603.6	7384685	136.21	136.16	-0.05	0.0025
148	552932.9	7350342	134.049	134	-0.049	0.002401
188	552947.8	7350395	134.069	134.02	-0.049	0.002401
213	552961.5	7350469	134.079	134.03	-0.049	0.002401

124	552951.3	7350421	134.089	134.04	-0.049	0.002401
494	553112.1	7351289	134.109	134.06	-0.049	0.002401
559	553160.3	7351557	134.109	134.06	-0.049	0.002401
386	553051.7	7350965	134.119	134.07	-0.049	0.002401
446	553083.4	7351136	134.119	134.07	-0.049	0.002401
448	553084.5	7351142	134.119	134.07	-0.049	0.002401
565	553164.9	7351582	134.119	134.07	-0.049	0.002401
279	552997.2	7350666	134.129	134.08	-0.049	0.002401
503	553117.3	7351319	134.139	134.09	-0.049	0.002401
655	576916.7	7384274	135.789	135.74	-0.049	0.002401
360	553039.4	7350894	134.098	134.05	-0.048	0.002304
399	553057.8	7351000	134.098	134.05	-0.048	0.002304
323	553018.6	7350788	134.108	134.06	-0.048	0.002304
421	553069.5	7351061	134.108	134.06	-0.048	0.002304
281	552998.2	7350672	134.118	134.07	-0.048	0.002304
493	553111.5	7351285	134.118	134.07	-0.048	0.002304
500	553115.6	7351309	134.118	134.07	-0.048	0.002304
563	553163.2	7351573	134.118	134.07	-0.048	0.002304
645	576884.3	7384254	135.658	135.61	-0.048	0.002304
866	577645	7384711	136.208	136.16	-0.048	0.002304
470	553097.8	7351208	134.047	134	-0.047	0.002209
347	553031.9	7350856	134.097	134.05	-0.047	0.002209
362	553040.5	7350900	134.097	134.05	-0.047	0.002209
238	552975.8	7350547	134.107	134.06	-0.047	0.002209
263	552989.4	7350622	134.127	134.08	-0.047	0.002209
258	552986.9	7350607	134.137	134.09	-0.047	0.002209
768	577328.6	7384517	135.567	135.52	-0.047	0.002209
663	576950.1	7384293	135.887	135.84	-0.047	0.002209
189	552948.3	7350398	134.056	134.01	-0.046	0.002116
197	552952.6	7350421	134.076	134.03	-0.046	0.002116
391	553053.9	7350978	134.086	134.04	-0.046	0.002116
205	552956.6	7350444	134.096	134.05	-0.046	0.002116
369	553043.9	7350919	134.096	134.05	-0.046	0.002116
442	553081.4	7351125	134.126	134.08	-0.046	0.002116
261	552988.4	7350616	134.136	134.09	-0.046	0.002116
681	577021.8	7384334	135.786	135.74	-0.046	0.002116
668	576970.4	7384305	135.896	135.85	-0.046	0.002116
107	553007.2	7350426	133.725	133.68	-0.045	0.002025
136	552941.5	7350378	134.075	134.03	-0.045	0.002025
194	552951	7350412	134.075	134.03	-0.045	0.002025
306	553010.5	7350743	134.085	134.04	-0.045	0.002025
358	553038.3	7350887	134.105	134.06	-0.045	0.002025
364	553041.4	7350905	134.105	134.06	-0.045	0.002025
496	553113.3	7351295	134.105	134.06	-0.045	0.002025
435	553077.4	7351103	134.115	134.07	-0.045	0.002025
438	553079.1	7351112	134.125	134.08	-0.045	0.002025
711	577139.5	7384403	135.485	135.44	-0.045	0.002025
670	576978.4	7384310	135.895	135.85	-0.045	0.002025
667	576966.2	7384302	135.905	135.86	-0.045	0.002025
809	577462.5	7384600	136.025	135.98	-0.045	0.002025
195	552951.5	7350415	134.074	134.03	-0.044	0.001936
134	552943	7350384	134.084	134.04	-0.044	0.001936
285	553000.1	7350683	134.094	134.05	-0.044	0.001936

522	553132.1	7351397	134.094	134.05	-0.044	0.001936
309	553012.1	7350751	134.114	134.07	-0.044	0.001936
637	577156.3	7384449	134.964	134.92	-0.044	0.001936
783	577380	7384549	135.764	135.72	-0.044	0.001936
214	552962	7350472	134.083	134.04	-0.043	0.001849
420	553068.9	7351059	134.103	134.06	-0.043	0.001849
481	553103.8	7351242	134.103	134.06	-0.043	0.001849
209	552958.5	7350455	134.113	134.07	-0.043	0.001849
450	553085.3	7351147	134.113	134.07	-0.043	0.001849
255	552985.3	7350598	134.123	134.08	-0.043	0.001849
433	553076.1	7351097	134.123	134.08	-0.043	0.001849
436	553077.9	7351106	134.123	134.08	-0.043	0.001849
703	577108.4	7384384	135.573	135.53	-0.043	0.001849
691	577062.4	7384357	135.673	135.63	-0.043	0.001849
835	577547.1	7384651	136.193	136.15	-0.043	0.001849
857	577614.1	7384691	136.223	136.18	-0.043	0.001849
928	577870.1	7384849	136.243	136.2	-0.043	0.001849
235	552973.8	7350537	134.092	134.05	-0.042	0.001764
564	553163.9	7351577	134.122	134.08	-0.042	0.001764
862	577630.6	7384702	136.232	136.19	-0.042	0.001764
190	552948.8	7350401	134.051	134.01	-0.041	0.001681
178	552942.2	7350366	134.081	134.04	-0.041	0.001681
212	552960.7	7350465	134.091	134.05	-0.041	0.001681
532	553139.9	7351441	134.091	134.05	-0.041	0.001681
288	553001.6	7350692	134.101	134.06	-0.041	0.001681
248	552981.5	7350577	134.111	134.07	-0.041	0.001681
250	552982.6	7350583	134.111	134.07	-0.041	0.001681
376	553047.4	7350939	134.121	134.08	-0.041	0.001681
434	553076.7	7351100	134.121	134.08	-0.041	0.001681
538	553144.5	7351468	134.121	134.08	-0.041	0.001681
656	576921	7384277	135.791	135.75	-0.041	0.001681
105	553014.6	7350425	133.65	133.61	-0.04	0.0016
154	552928.7	7350324	134.04	134	-0.04	0.0016
143	552936.9	7350357	134.05	134.01	-0.04	0.0016
183	552945.3	7350380	134.09	134.05	-0.04	0.0016
397	553056.8	7350994	134.1	134.06	-0.04	0.0016
459	553091.3	7351174	134.1	134.06	-0.04	0.0016
458	553090.6	7351171	134.11	134.07	-0.04	0.0016
297	553006.1	7350717	134.12	134.08	-0.04	0.0016
876	577681.4	7384733	136.2	136.16	-0.04	0.0016
146	552934.4	7350347	134.049	134.01	-0.039	0.001521
121	552953.9	7350432	134.079	134.04	-0.039	0.001521
529	553137.8	7351429	134.089	134.05	-0.039	0.001521
237	552975.1	7350543	134.099	134.06	-0.039	0.001521
287	553001.1	7350689	134.099	134.06	-0.039	0.001521
357	553037.6	7350884	134.099	134.06	-0.039	0.001521
418	553067.8	7351053	134.099	134.06	-0.039	0.001521
462	553093.3	7351184	134.099	134.06	-0.039	0.001521
241	552977.5	7350556	134.109	134.07	-0.039	0.001521
290	553002.5	7350697	134.119	134.08	-0.039	0.001521
379	553048.9	7350947	134.119	134.08	-0.039	0.001521
431	553074.8	7351092	134.119	134.08	-0.039	0.001521
439	553079.5	7351116	134.119	134.08	-0.039	0.001521

259	552987.4	7350610	134.139	134.1	-0.039	0.001521
636	577158.1	7384446	135.099	135.06	-0.039	0.001521
705	577115.7	7384389	135.559	135.52	-0.039	0.001521
805	577450.9	7384592	135.959	135.92	-0.039	0.001521
823	577506.1	7384626	136.219	136.18	-0.039	0.001521
893	577735.5	7384766	136.229	136.19	-0.039	0.001521
187	552947.3	7350392	134.068	134.03	-0.038	0.001444
123	552952	7350424	134.088	134.05	-0.038	0.001444
474	553099.9	7351220	134.088	134.05	-0.038	0.001444
271	552993.4	7350644	134.108	134.07	-0.038	0.001444
356	553036.9	7350881	134.108	134.07	-0.038	0.001444
714	577150.8	7384410	135.458	135.42	-0.038	0.001444
894	577739.4	7384768	136.218	136.18	-0.038	0.001444
116	552969.1	7350432	133.947	133.91	-0.037	0.001369
192	552949.9	7350407	134.067	134.03	-0.037	0.001369
302	553008.5	7350732	134.077	134.04	-0.037	0.001369
249	552982	7350580	134.107	134.07	-0.037	0.001369
269	552992.4	7350638	134.107	134.07	-0.037	0.001369
328	553020.8	7350802	134.117	134.08	-0.037	0.001369
543	553148.6	7351491	134.127	134.09	-0.037	0.001369
708	577127.9	7384396	135.527	135.49	-0.037	0.001369
702	577104.9	7384382	135.577	135.54	-0.037	0.001369
664	576954.3	7384296	135.887	135.85	-0.037	0.001369
200	552954	7350430	134.076	134.04	-0.036	0.001296
201	552954.5	7350433	134.086	134.05	-0.036	0.001296
485	553106.3	7351257	134.096	134.06	-0.036	0.001296
359	553038.8	7350890	134.106	134.07	-0.036	0.001296
325	553019.4	7350794	134.116	134.08	-0.036	0.001296
381	553049.6	7350952	134.126	134.09	-0.036	0.001296
633	577164.1	7384437	135.366	135.33	-0.036	0.001296
704	577112.1	7384386	135.566	135.53	-0.036	0.001296
145	552935.3	7350351	134.045	134.01	-0.035	0.001225
140	552938.8	7350366	134.075	134.04	-0.035	0.001225
220	552965.8	7350492	134.085	134.05	-0.035	0.001225
221	552966.4	7350496	134.085	134.05	-0.035	0.001225
511	553123.2	7351350	134.085	134.05	-0.035	0.001225
180	552943.5	7350372	134.095	134.06	-0.035	0.001225
635	577159.9	7384443	135.175	135.14	-0.035	0.001225
776	577355.9	7384534	135.665	135.63	-0.035	0.001225
802	577442	7384587	135.935	135.9	-0.035	0.001225
855	577607.1	7384687	136.215	136.18	-0.035	0.001225
469	553097.1	7351205	134.044	134.01	-0.034	0.001156
483	553105	7351249	134.094	134.06	-0.034	0.001156
518	553128.4	7351381	134.124	134.09	-0.034	0.001156
118	552961.6	7350434	134.043	134.01	-0.033	0.001089
533	553140.6	7351445	134.093	134.06	-0.033	0.001089
208	552957.9	7350452	134.113	134.08	-0.033	0.001089
619	577191.8	7384392	134.723	134.69	-0.033	0.001089
861	577627.3	7384700	136.223	136.19	-0.033	0.001089
864	577637.7	7384706	136.223	136.19	-0.033	0.001089
170	552937	7350343	134.082	134.05	-0.032	0.001024
551	553154.4	7351525	134.082	134.05	-0.032	0.001024
268	552992	7350635	134.112	134.08	-0.032	0.001024

544	553149.6	7351496	134.122	134.09	-0.032	0.001024
505	553118.5	7351327	134.132	134.1	-0.032	0.001024
650	576902.1	7384263	135.702	135.67	-0.032	0.001024
801	577438.7	7384585	135.922	135.89	-0.032	0.001024
811	577468.8	7384604	136.022	135.99	-0.032	0.001024
872	577666.6	7384724	136.232	136.2	-0.032	0.001024
210	552959.3	7350458	134.101	134.07	-0.031	0.000961
336	553025.5	7350825	134.101	134.07	-0.031	0.000961
416	553066.7	7351047	134.101	134.07	-0.031	0.000961
270	552992.9	7350641	134.111	134.08	-0.031	0.000961
432	553075.5	7351095	134.111	134.08	-0.031	0.000961
710	577135.6	7384401	135.491	135.46	-0.031	0.000961
695	577078.2	7384366	135.621	135.59	-0.031	0.000961
806	577453.8	7384594	135.971	135.94	-0.031	0.000961
880	577695.9	7384742	136.201	136.17	-0.031	0.000961
859	577620.5	7384696	136.221	136.19	-0.031	0.000961
222	552967.1	7350499	134.09	134.06	-0.03	0.0009
307	553011.1	7350745	134.1	134.07	-0.03	0.0009
239	552976.2	7350550	134.11	134.08	-0.03	0.0009
240	552976.9	7350553	134.11	134.08	-0.03	0.0009
273	552994.3	7350649	134.11	134.08	-0.03	0.0009
275	552995.3	7350655	134.11	134.08	-0.03	0.0009
709	577131.7	7384398	135.51	135.48	-0.03	0.0009
199	552953.6	7350427	134.069	134.04	-0.029	0.000841
128	552948.1	7350406	134.079	134.05	-0.029	0.000841
129	552947.3	7350402	134.079	134.05	-0.029	0.000841
392	553054.4	7350981	134.089	134.06	-0.029	0.000841
207	552957.4	7350449	134.109	134.08	-0.029	0.000841
355	553036.4	7350879	134.109	134.08	-0.029	0.000841
286	553000.5	7350686	134.098	134.07	-0.028	0.000784
363	553041	7350903	134.098	134.07	-0.028	0.000784
604	577220.8	7384342	134.248	134.22	-0.028	0.000784
808	577459.5	7384598	135.998	135.97	-0.028	0.000784
934	577895.5	7384864	136.188	136.16	-0.028	0.000784
923	577850.3	7384837	136.208	136.18	-0.028	0.000784
824	577509.5	7384628	136.218	136.19	-0.028	0.000784
767	577324.7	7384515	135.547	135.52	-0.027	0.000729
100	553035.5	7350473	133.556	133.53	-0.026	0.000676
115	552972.7	7350432	133.896	133.87	-0.026	0.000676
324	553018.9	7350791	134.116	134.09	-0.026	0.000676
694	577074.2	7384364	135.626	135.6	-0.026	0.000676
693	577070.5	7384362	135.646	135.62	-0.026	0.000676
814	577477.9	7384609	136.036	136.01	-0.026	0.000676
940	577919.6	7384879	136.206	136.18	-0.026	0.000676
101	553035.5	7350473	133.555	133.53	-0.025	0.000625
216	552963.4	7350479	134.085	134.06	-0.025	0.000625
411	553063.9	7351033	134.095	134.07	-0.025	0.000625
415	553066.2	7351044	134.105	134.08	-0.025	0.000625
812	577472	7384605	136.025	136	-0.025	0.000625
218	552964.7	7350486	134.084	134.06	-0.024	0.000576
683	577030	7384339	135.754	135.73	-0.024	0.000576
882	577702.7	7384746	136.204	136.18	-0.024	0.000576
927	577866	7384847	136.234	136.21	-0.024	0.000576

142	552937.6	7350360	134.053	134.03	-0.023	0.000529
122	552953	7350428	134.073	134.05	-0.023	0.000529
111	552989.7	7350429	133.802	133.78	-0.022	0.000484
141	552938.2	7350363	134.072	134.05	-0.022	0.000484
842	577560.4	7384658	136.202	136.18	-0.022	0.000484
523	553132.9	7351401	134.091	134.07	-0.021	0.000441
417	553067.3	7351050	134.101	134.08	-0.021	0.000441
640	577151.3	7384458	134.871	134.85	-0.021	0.000441
692	577066.4	7384359	135.651	135.63	-0.021	0.000441
826	577516.6	7384632	136.211	136.19	-0.021	0.000441
938	577911.7	7384874	136.211	136.19	-0.021	0.000441
430	553074.1	7351089	134.12	134.1	-0.02	0.0004
382	553050	7350955	134.13	134.11	-0.02	0.0004
762	577312.4	7384509	135.5	135.48	-0.02	0.0004
794	577417.1	7384571	135.84	135.82	-0.02	0.0004
810	577465.6	7384602	136.03	136.01	-0.02	0.0004
339	553027.3	7350833	134.089	134.07	-0.019	0.000361
620	577189.9	7384396	134.779	134.76	-0.019	0.000361
769	577332.4	7384520	135.589	135.57	-0.019	0.000361
775	577353.1	7384532	135.659	135.64	-0.019	0.000361
942	577927.7	7384884	136.189	136.17	-0.019	0.000361
877	577684.9	7384735	136.199	136.18	-0.019	0.000361
838	577557.4	7384657	136.209	136.19	-0.019	0.000361
191	552949.4	7350404	134.058	134.04	-0.018	0.000324
198	552953.1	7350424	134.068	134.05	-0.018	0.000324
346	553031.4	7350853	134.088	134.07	-0.018	0.000324
528	553136.9	7351425	134.088	134.07	-0.018	0.000324
536	553142.9	7351459	134.098	134.08	-0.018	0.000324
244	552979.2	7350565	134.108	134.09	-0.018	0.000324
733	577219.2	7384452	135.278	135.26	-0.018	0.000324
756	577294.2	7384498	135.428	135.41	-0.018	0.000324
875	577677.9	7384731	136.198	136.18	-0.018	0.000324
889	577720.7	7384757	136.208	136.19	-0.018	0.000324
925	577858.2	7384842	136.218	136.2	-0.018	0.000324
634	577162	7384440	135.277	135.26	-0.017	0.000289
669	576974.4	7384307	135.897	135.88	-0.017	0.000289
892	577731.8	7384764	136.217	136.2	-0.017	0.000289
176	552940.9	7350360	134.076	134.06	-0.016	0.000256
410	553063.4	7351031	134.096	134.08	-0.016	0.000256
508	553120.9	7351338	134.106	134.09	-0.016	0.000256
796	577423	7384575	135.866	135.85	-0.016	0.000256
231	552971.6	7350524	134.095	134.08	-0.015	0.000225
354	553035.9	7350876	134.105	134.09	-0.015	0.000225
370	553044.3	7350921	134.105	134.09	-0.015	0.000225
779	577366.3	7384540	135.695	135.68	-0.015	0.000225
788	577397.4	7384559	135.795	135.78	-0.015	0.000225
954	577988.4	7384921	136.105	136.09	-0.015	0.000225
735	577225.7	7384456	135.274	135.26	-0.014	0.000196
760	577306.4	7384505	135.464	135.45	-0.014	0.000196
820	577496.5	7384621	136.174	136.16	-0.014	0.000196
950	577962	7384905	136.184	136.17	-0.014	0.000196
404	553060.4	7351014	134.113	134.1	-0.013	0.000169
742	577248.5	7384470	135.323	135.31	-0.013	0.000169

707	577123.7	7384393	135.533	135.52	-0.013	0.000169
746	577262.2	7384478	135.352	135.34	-0.012	0.000144
852	577596.3	7384680	136.192	136.18	-0.012	0.000144
899	577758	7384780	136.192	136.18	-0.012	0.000144
846	577574.9	7384667	136.161	136.15	-0.011	0.000121
884	577709.5	7384750	136.201	136.19	-0.011	0.000121
929	577874.6	7384852	136.231	136.22	-0.011	0.000121
614	577201.4	7384375	134.56	134.55	-0.01	0.0001
792	577410.5	7384567	135.82	135.81	-0.01	0.0001
819	577493.4	7384619	136.15	136.14	-0.01	0.0001
361	553040	7350897	134.099	134.09	-0.009	0.000081
521	553131.2	7351392	134.099	134.09	-0.009	0.000081
712	577143.4	7384406	135.479	135.47	-0.009	0.000081
690	577058.5	7384355	135.689	135.68	-0.009	0.000081
937	577907.6	7384872	136.209	136.2	-0.009	0.000081
869	577655.5	7384717	136.219	136.21	-0.009	0.000081
138	552940	7350372	134.068	134.06	-0.008	0.000064
603	577222.8	7384339	134.238	134.23	-0.008	0.000064
689	577054.3	7384352	135.698	135.69	-0.008	0.000064
847	577578.3	7384669	136.158	136.15	-0.008	0.000064
825	577513.1	7384630	136.208	136.2	-0.008	0.000064
468	553096.5	7351202	134.047	134.04	-0.007	0.000049
177	552941.6	7350363	134.067	134.06	-0.007	0.000049
181	552944.1	7350374	134.087	134.08	-0.007	0.000049
520	553129.9	7351390	134.117	134.11	-0.007	0.000049
757	577297.3	7384500	135.437	135.43	-0.007	0.000049
713	577147.1	7384408	135.467	135.46	-0.007	0.000049
948	577954	7384900	136.187	136.18	-0.007	0.000049
887	577712.3	7384751	136.207	136.2	-0.007	0.000049
745	577258.7	7384476	135.346	135.34	-0.006	0.000036
803	577444.9	7384589	135.946	135.94	-0.006	0.000036
839	577549.2	7384651	136.196	136.19	-0.006	0.000036
879	577692.3	7384740	136.196	136.19	-0.006	0.000036
935	577899.5	7384867	136.196	136.19	-0.006	0.000036
939	577915.7	7384877	136.206	136.2	-0.006	0.000036
759	577303.4	7384503	135.445	135.44	-0.005	0.000025
850	577588.9	7384675	136.155	136.15	-0.005	0.000025
662	576945.9	7384291	135.884	135.88	-0.004	0.000016
818	577490.1	7384617	136.124	136.12	-0.004	0.000016
933	577891.4	7384862	136.144	136.14	-0.004	0.000016
870	577659.2	7384719	136.224	136.22	-0.004	0.000016
226	552968.9	7350509	134.093	134.09	-0.003	0.000009
461	553092.6	7351180	134.103	134.1	-0.003	0.000009
609	577210.8	7384360	134.393	134.39	-0.003	0.000009
744	577255.3	7384474	135.343	135.34	-0.003	0.000009
898	577754.1	7384777	136.193	136.19	-0.003	0.000009
225	552968.3	7350506	134.082	134.08	-0.002	0.000004
613	577203.3	7384372	134.532	134.53	-0.002	0.000004
437	553078.4	7351109	134.121	134.12	-0.001	0.000001
618	577193.6	7384389	134.671	134.67	-0.001	0.000001
789	577400.6	7384561	135.801	135.8	-0.001	0.000001
798	577429.3	7384579	135.891	135.89	-0.001	0.000001
816	577484.4	7384613	136.061	136.06	-0.001	0.000001

103	553022.9	7350426	133.61	133.61	0	0
224	552968.2	7350506	134.08	134.08	0	0
353	553035.3	7350873	134.1	134.1	0	0
758	577300.3	7384501	135.44	135.44	0	0
781	577373.2	7384545	135.72	135.72	0	0
799	577432.5	7384581	135.9	135.9	0	0
897	577750.2	7384775	136.19	136.19	0	0
841	577556.8	7384656	136.21	136.21	0	0
920	577838.6	7384830	136.22	136.22	0	0
723	577184.3	7384431	135.349	135.35	0.001	0.000001
631	577167.9	7384431	135.499	135.5	0.001	0.000001
782	577376.6	7384547	135.739	135.74	0.001	0.000001
797	577426.2	7384577	135.869	135.87	0.001	0.000001
611	577207	7384366	134.458	134.46	0.002	0.000004
766	577321	7384512	135.528	135.53	0.002	0.000004
787	577394	7384557	135.798	135.8	0.002	0.000004
848	577581.8	7384671	136.148	136.15	0.002	0.000004
843	577564.1	7384660	136.208	136.21	0.002	0.000004
886	577716.6	7384754	136.208	136.21	0.002	0.000004
911	577803.7	7384808	136.218	136.22	0.002	0.000004
921	577842.3	7384832	136.218	136.22	0.002	0.000004
337	553026	7350828	134.107	134.11	0.003	0.000009
630	577169.8	7384427	135.477	135.48	0.003	0.000009
860	577624.1	7384698	136.217	136.22	0.003	0.000009
863	577634.1	7384704	136.227	136.23	0.003	0.000009
625	577180.2	7384412	135.266	135.27	0.004	0.000016
761	577309.5	7384507	135.486	135.49	0.004	0.000016
778	577362.9	7384538	135.686	135.69	0.004	0.000016
913	577811.6	7384813	136.226	136.23	0.004	0.000016
608	577212.8	7384356	134.345	134.35	0.005	0.000025
734	577222.3	7384454	135.285	135.29	0.005	0.000025
740	577241.8	7384466	135.315	135.32	0.005	0.000025
772	577342.1	7384525	135.635	135.64	0.005	0.000025
786	577390.6	7384555	135.785	135.79	0.005	0.000025
795	577420	7384573	135.855	135.86	0.005	0.000025
833	577540.1	7384647	136.165	136.17	0.005	0.000025
909	577796.3	7384804	136.205	136.21	0.005	0.000025
569	553168.1	7351600	134.114	134.12	0.006	0.000036
715	577154.5	7384413	135.454	135.46	0.006	0.000036
785	577387	7384553	135.764	135.77	0.006	0.000036
800	577435.5	7384583	135.914	135.92	0.006	0.000036
844	577567.8	7384662	136.194	136.2	0.006	0.000036
885	577713.1	7384752	136.204	136.21	0.006	0.000036
888	577716.6	7384754	136.204	136.21	0.006	0.000036
657	576925.1	7384279	135.783	135.79	0.007	0.000049
856	577610.6	7384689	136.223	136.23	0.007	0.000049
615	577199.4	7384379	134.602	134.61	0.008	0.000064
727	577198.7	7384439	135.302	135.31	0.008	0.000064
743	577251.8	7384472	135.322	135.33	0.008	0.000064
947	577950	7384898	136.172	136.18	0.008	0.000064
865	577641.6	7384708	136.211	136.22	0.009	0.000081
874	577674.1	7384729	136.221	136.23	0.009	0.000081
622	577185.9	7384402	134.98	134.99	0.01	0.0001

627	577175.9	7384418	135.4	135.41	0.01	0.0001
755	577290.6	7384496	135.42	135.43	0.01	0.0001
951	577966.4	7384908	136.15	136.16	0.01	0.0001
832	577536.8	7384645	136.16	136.17	0.01	0.0001
883	577706.2	7384748	136.2	136.21	0.01	0.0001
858	577617	7384693	136.22	136.23	0.01	0.0001
748	577269.2	7384483	135.369	135.38	0.011	0.000121
944	577936	7384889	136.169	136.18	0.011	0.000121
878	577688.6	7384738	136.199	136.21	0.011	0.000121
919	577834.7	7384827	136.209	136.22	0.011	0.000121
732	577215.8	7384450	135.278	135.29	0.012	0.000144
754	577286.9	7384493	135.408	135.42	0.012	0.000144
900	577762.2	7384782	136.188	136.2	0.012	0.000144
901	577765.8	7384785	136.188	136.2	0.012	0.000144
916	577823	7384820	136.238	136.25	0.012	0.000144
815	577481.2	7384611	136.047	136.06	0.013	0.000169
834	577543.5	7384649	136.177	136.19	0.013	0.000169
822	577502.7	7384624	136.217	136.23	0.013	0.000169
771	577339.2	7384524	135.616	135.63	0.014	0.000196
905	577781.1	7384794	136.196	136.21	0.014	0.000196
338	553026.7	7350830	134.095	134.11	0.015	0.000225
562	553162.4	7351569	134.115	134.13	0.015	0.000225
741	577245.3	7384468	135.315	135.33	0.015	0.000225
845	577571.3	7384665	136.175	136.19	0.015	0.000225
943	577932	7384887	136.185	136.2	0.015	0.000225
945	577940.3	7384892	136.185	136.2	0.015	0.000225
895	577743.1	7384770	136.205	136.22	0.015	0.000225
752	577283.1	7384491	135.414	135.43	0.016	0.000256
836	577550.6	7384653	136.204	136.22	0.016	0.000256
881	577699.5	7384744	136.204	136.22	0.016	0.000256
837	577553.8	7384655	136.214	136.23	0.016	0.000256
914	577815.5	7384815	136.234	136.25	0.016	0.000256
793	577413.8	7384569	135.833	135.85	0.017	0.000289
719	577169.6	7384422	135.382	135.4	0.018	0.000324
774	577349.3	7384530	135.652	135.67	0.018	0.000324
849	577585.4	7384673	136.152	136.17	0.018	0.000324
853	577599.9	7384682	136.192	136.21	0.018	0.000324
936	577903.6	7384869	136.192	136.21	0.018	0.000324
949	577958.1	7384903	136.192	136.21	0.018	0.000324
912	577807.5	7384810	136.231	136.25	0.019	0.000361
904	577777.4	7384792	136.19	136.21	0.02	0.0004
827	577520.2	7384635	136.2	136.22	0.02	0.0004
868	577651.9	7384715	136.2	136.22	0.02	0.0004
751	577279.6	7384489	135.399	135.42	0.021	0.000441
924	577854.1	7384839	136.209	136.23	0.021	0.000441
623	577183.8	7384405	135.108	135.13	0.022	0.000484
773	577345.8	7384528	135.638	135.66	0.022	0.000484
902	577769.8	7384787	136.188	136.21	0.022	0.000484
607	577214.7	7384353	134.317	134.34	0.023	0.000529
763	577315.3	7384511	135.507	135.53	0.023	0.000529
941	577923.4	7384882	136.187	136.21	0.023	0.000529
890	577724.2	7384759	136.217	136.24	0.023	0.000529
616	577197.5	7384382	134.626	134.65	0.024	0.000576

731	577212.6	7384448	135.286	135.31	0.024	0.000576
750	577276.2	7384487	135.385	135.41	0.025	0.000625
790	577403.9	7384563	135.805	135.83	0.025	0.000625
626	577177.9	7384415	135.344	135.37	0.026	0.000676
953	577980.6	7384917	136.114	136.14	0.026	0.000676
739	577238.5	7384464	135.293	135.32	0.027	0.000729
720	577173.3	7384424	135.383	135.41	0.027	0.000729
851	577592.5	7384678	136.153	136.18	0.027	0.000729
821	577499.5	7384622	136.203	136.23	0.027	0.000729
728	577202	7384441	135.292	135.32	0.028	0.000784
906	577785	7384796	136.202	136.23	0.028	0.000784
722	577180.7	7384428	135.371	135.4	0.029	0.000841
926	577862	7384844	136.221	136.25	0.029	0.000841
871	577662.8	7384722	136.23	136.26	0.03	0.0009
915	577819.1	7384818	136.24	136.27	0.03	0.0009
840	577553.3	7384654	136.209	136.24	0.031	0.000961
716	577158.4	7384415	135.428	135.46	0.032	0.001024
612	577205.1	7384369	134.496	134.53	0.034	0.001156
736	577229.1	7384458	135.276	135.31	0.034	0.001156
780	577369.9	7384543	135.706	135.74	0.034	0.001156
804	577447.9	7384591	135.946	135.98	0.034	0.001156
813	577474.9	7384607	136.026	136.06	0.034	0.001156
908	577792.5	7384801	136.196	136.23	0.034	0.001156
910	577799.8	7384806	136.216	136.25	0.034	0.001156
605	577218.7	7384346	134.245	134.28	0.035	0.001225
737	577232.7	7384460	135.285	135.32	0.035	0.001225
602	577224.8	7384335	134.234	134.27	0.036	0.001296
807	577456.5	7384596	135.974	136.01	0.036	0.001296
891	577728	7384761	136.224	136.26	0.036	0.001296
632	577166	7384434	135.432	135.47	0.038	0.001444
770	577336	7384522	135.602	135.64	0.038	0.001444
931	577882.8	7384857	136.162	136.2	0.038	0.001444
952	577973.2	7384912	136.141	136.18	0.039	0.001521
930	577878.8	7384854	136.171	136.21	0.039	0.001521
726	577195.3	7384437	135.31	135.35	0.04	0.0016
764	577318.2	7384512	135.53	135.57	0.04	0.0016
903	577773.6	7384789	136.18	136.22	0.04	0.0016
777	577359.3	7384536	135.669	135.71	0.041	0.001681
830	577530.4	7384641	136.148	136.19	0.042	0.001764
831	577533.7	7384643	136.148	136.19	0.042	0.001764
730	577209	7384445	135.277	135.32	0.043	0.001849
725	577191.7	7384435	135.327	135.37	0.043	0.001849
621	577187.9	7384399	134.866	134.91	0.044	0.001936
867	577648.4	7384713	136.196	136.24	0.044	0.001936
896	577746.6	7384773	136.196	136.24	0.044	0.001936
724	577188.1	7384433	135.335	135.38	0.045	0.002025
718	577165.8	7384420	135.395	135.44	0.045	0.002025
922	577846.3	7384834	136.215	136.26	0.045	0.002025
617	577195.4	7384386	134.644	134.69	0.046	0.002116
817	577487.2	7384615	136.074	136.12	0.046	0.002116
917	577826.7	7384822	136.224	136.27	0.046	0.002116
624	577182.1	7384409	135.193	135.24	0.047	0.002209
747	577265.8	7384481	135.353	135.4	0.047	0.002209

955	577996.4	7384926	136.113	136.16	0.047	0.002209
606	577216.7	7384350	134.291	134.34	0.049	0.002401
946	577945.3	7384895	136.171	136.22	0.049	0.002401
932	577886.9	7384859	136.148	136.2	0.052	0.002704
629	577171.8	7384425	135.387	135.44	0.053	0.002809
738	577235.6	7384462	135.286	135.34	0.054	0.002916
765	577316.9	7384510	135.505	135.56	0.055	0.003025
729	577205.3	7384443	135.284	135.34	0.056	0.003136
918	577830.8	7384825	136.214	136.27	0.056	0.003136
601	577226.8	7384331	134.242	134.3	0.058	0.003364
829	577527.2	7384639	136.142	136.2	0.058	0.003364
873	577670.3	7384726	136.23	136.29	0.06	0.0036
784	577383.4	7384551	135.765	135.83	0.065	0.004225
749	577272.7	7384485	135.374	135.44	0.066	0.004356
628	577174	7384421	135.393	135.48	0.087	0.007569
721	577177.1	7384426	135.362	135.45	0.088	0.007744