



Appendix C

Tabulated Calibration and Validation Model Results

ID	X	Y	Flood Level (mAHD)	Modelled Level (mAHD)	Diff_02 (m)
2	381816.51	6355649.05	6.648	6.679	0.031
13	381932.22	6357708.47	5.609	5.854	0.245
16	381778.44	6357733.1	5.854	5.854	0
22	381939	6357617.35	5.86	5.856	-0.004
25	381946.02	6357642	5.918	5.856	-0.062
28	381990.98	6357634.92	5.897	5.856	-0.041
31	381936.61	6357580.59	5.696	5.857	0.161
33	381902.35	6357649.17	6.098	5.856	-0.242
38	381902.44	6357624.72	5.761	5.856	0.095
66	381835.66	6357543.31	5.76	5.858	0.098
67	381841.78	6357571.09	5.83	5.858	0.028
72	381725.17	6357497.17	5.996	5.863	-0.133
73	381699.78	6357499.05	5.852	5.863	0.011
80	381724.69	6357590.26	5.86	5.858	-0.002
81	381523.38	6356278.9	7.756	7.797	0.041
84	381758.42	6357557.67	5.797	5.858	0.061
1005	381815.22	6357764.17	5.796	5.85	0.054
1006	381816.02	6357721.8	5.795	5.854	0.059
1011	381866.41	6357705.51	5.88	5.854	-0.026
1018	381805.49	6357485.67	6.06	5.861	-0.199
1019	381660.55	6357520.06	5.937	5.861	-0.076
1022	382288.69	6356550.91	5.544	5.46	-0.084
1029	381762.17	6357643.29	5.889	5.856	-0.033
1031	381798.35	6357643.39	5.436	5.856	0.42
1035	381833.46	6357663.81	6.037	5.855	-0.181
1036	382449.71	6356874.88	5.049	5.461	0.412
1038	381694.79	6357221.34	5.436	5.864	0.429
1041	382426.8	6356899.16	5.539	5.461	-0.078
1044	380452.69	6356691.28	8.831	8.677	-0.154
1047	382072.64	6356951.97	6.204	5.593	-0.611
1050	380450.88	6356686.21	8.852	8.693	-0.159
1054	380500.63	6356716.95	8.732	8.653	-0.079
1057	380513.41	6356716.75	8.823	8.649	-0.174
1060	380545.47	6356685.23	8.803	8.645	-0.158
1061	380433.15	6356781.09	8.829	8.625	-0.204
1064	380428	6356749.32	8.771	8.636	-0.135
1068	380496.75	6356769.28	8.685	8.618	-0.067
1071	380494.79	6356795.6	8.738	8.615	-0.123
1074	380470.54	6356819.98	8.839	8.613	-0.225
1077	380473.89	6356838.45	8.794	8.607	-0.187
1080	380442.5	6356834.92	8.737	8.611	-0.126
1085	380382.84	6356799.02	8.746	8.616	-0.13
1088	380384.84	6356808.7	8.85	8.615	-0.235
1091	380385.52	6356824.5	8.766	8.613	-0.153
1094	380389.16	6356847.77	8.732	8.609	-0.123
1097	380344.88	6356812.85	8.794	8.614	-0.18
1100	380355.86	6356794.53	8.715	8.617	-0.098
1103	380351.16	6356775.29	8.734	8.619	-0.114
1106	380362.44	6356740.98	8.737	8.624	-0.113

1109	380338.23	6356755.53	8.731	8.622	-0.109
1112	380305.3	6356861.22	8.828	8.613	-0.215
1115	380303.24	6356850.01	8.753	8.613	-0.14
1119	380280.1	6356855.12	8.737	8.613	-0.124
1122	380276.47	6356829.92	8.794	8.615	-0.179
1125	380299.05	6356819.39	8.834	8.615	-0.219
1129	380581.91	6356480.06	10.033	9.648	-0.385
1133	380580.3	6356456.18	9.686	9.656	-0.03
1135	380572.89	6356420.04	9.604	9.657	0.053
1137	380564.51	6356383.32	9.657	9.658	0.001
1139	380747.84	6357154.42	8.463	8.42	-0.043
1142	380796.8	6357293.05	8.552	8.389	-0.163
1146	380824.88	6357168.35	8.53	0	0
1148	380872.13	6357136.12	8.338	8.424	0.086
1155	380579.41	6356755.3	8.693	8.606	-0.087
1158	380460.83	6356749.06	8.775	8.637	-0.138
1159	380556.33	6356759.74	8.661	8.606	-0.055
1163	380531.23	6356788.72	8.658	8.607	-0.051
1168	380465.39	6356720.37	8.757	8.659	-0.098
1177	380553.97	6356719.5	8.902	8.615	-0.287
1181	380554.39	6356683.86	8.749	8.638	-0.111
1182	380585.38	6356789.5	8.736	8.588	-0.148
6519	382395.62	6356923.97	5.545	5.461	-0.084
6522	382420.08	6356919.05	5.092	5.461	0.369
6524	382409.42	6356945.08	5.528	5.461	-0.067
6525	382419.36	6356945.72	5.596	5.461	-0.135
6529	382429.11	6356941.25	5.551	5.461	-0.09
6658	382456.56	6356939.14	5.556	5.461	-0.095
10335	380716.02	6356325.95	9.303	9.423	0.12
10338	380591.56	6356342.05	9.47	9.563	0.094
10339	380591.46	6356344.08	9.243	9.572	0.33
10343	380880.66	6356308.5	8.937	9.028	0.091
10346	381019.5	6356322.11	8.714	8.373	-0.341
10349	380914.41	6356327.96	8.911	9.012	0.101
10351	381122.84	6356461.54	8.153	8.224	0.071
10355	380993.72	6356793.88	8.179	0	0
10357	381077.47	6356512.55	8.192	7.947	-0.245
10361	380943.23	6357319.4	7.653	7.759	0.106
10364	380994.34	6357302.95	7.481	7.651	0.17
10366	381439.29	6357279.34	7.024	6.958	-0.066
10370	381473.77	6357305.25	6.67	6.881	0.211
10371	381795.13	6355713.04	6.434	6.679	0.245
10374	381775.09	6355720.65	6.304	6.679	0.375
39664	384365.18	6356073.09	3.032	3.15	0.118
39669	384307.23	6356068.88	3.077	3.116	0.039
39672	384137.38	6356109.33	3.018	3.128	0.11
39673	384139.41	6356108.22	3.034	3.128	0.094
39678	384143.37	6356113.4	3.063	3.127	0.064
39679	384162.06	6356102.71	3.164	3.095	-0.069
39683	384198.1	6356095.33	3.058	3.133	0.075

39687	384215.65	6356093.16	3.047	3.137	0.09
39688	384242.79	6356089.83	3.031	3.139	0.109
39693	384260.15	6356085.8	3.104	3.142	0.038
39696	384173.96	6356120.09	3.023	3.097	0.074
39697	384175.77	6356160.48	3.027	3.083	0.056
39702	384192.95	6356206.35	3.068	3.068	0
39703	384220.11	6356192.15	2.997	3.034	0.037
39708	384225.75	6356190.75	2.97	3.034	0.064
39712	384230.53	6356311.73	2.746	2.79	0.044
39716	384208.44	6356281.66	2.847	2.808	-0.039
39719	384178.97	6356322.47	2.722	2.769	0.047
39724	384367.01	6356158.73	3.06	3.067	0.007
39725	384465.67	6356135.82	3.069	3.075	0.006
39730	384429.76	6356053	3.07	3.162	0.092
39731	384276.4	6356226.47	1.855	2.808	0.954
39732	384269.13	6355902.89	3.206	3.24	0.034
39737	384232.98	6355912.04	3.19	3.269	0.08
39738	384194.61	6355883.41	3.241	3.341	0.101
39741	384261.75	6355872.04	3.235	3.302	0.067
39749	384339.59	6355816.53	3.501	3.324	-0.177
41253	383033.09	6354796.59	10.272	10.126	-0.146
41256	383042.31	6354777.83	9.798	9.996	0.198
41259	383051.92	6354780.88	9.613	9.846	0.232
41262	382940.63	6354768.49	11.532	11.402	-0.13
41265	382879.97	6354748.22	12.545	12.466	-0.08
41268	382731.25	6354689.34	14.367	14.519	0.152
41270	382743.82	6354713.71	14.294	14.179	-0.115
41274	382733.79	6354707.9	14.325	14.472	0.147
41278	382577.54	6354665.52	16.62	16.635	0.015
41281	382548.65	6354638.88	17.168	17.239	0.071
41284	382626.81	6354655.91	15.926	16.048	0.122
41287	382608.9	6354675.81	16.015	16.113	0.098
41290	382542.55	6354600.11	17.745	17.865	0.12
41294	382542.84	6354555.17	17.96	18.08	0.12
41299	382551.42	6354592.72	17.957	17.884	-0.073
41302	382611.98	6354570.2	17.404	17.27	-0.134
41303	382611.33	6354575.21	17.199	17.406	0.207
41305	382649.11	6354585.09	16.789	16.832	0.043
41308	382656.25	6354586.99	16.737	16.659	-0.078
41311	382811.46	6354619.2	14.777	14.827	0.05
41314	382821.33	6354634.55	14.729	14.726	-0.003
41317	382466.2	6354534.8	19.416	19.043	-0.373
41320	382465.21	6354524.68	19.4	18.915	-0.485
41324	382418.97	6354476.82	20.149	20.08	-0.069
41327	382408	6354475.78	20.18	20.107	-0.073
41333	382390.22	6354433.2	20.946	20.963	0.017
41336	382417.94	6354392.82	22.467	22.237	-0.23
41338	382401.76	6354399.82	22.521	21.716	-0.805
41341	381776.11	6354164.23	31.068	30.954	-0.114
43554	381682.83	6357560.99	5.898	5.859	-0.039

43558	381947.22	6357886.42	5.779	5.798	0.019
43561	381891.17	6357745.68	5.767	5.853	0.086
43562	381904.06	6357805.72	5.746	5.825	0.079
43566	381741.71	6357739.42	5.817	5.854	0.037
43567	381863.12	6357626.64	5.819	5.856	0.037
43572	381806.88	6357671.71	5.847	5.855	0.008
43574	381753.92	6357675.21	5.859	5.856	-0.003
43577	381932.06	6357557.67	5.794	5.857	0.063
43580	381942.06	6357491.03	5.85	5.858	0.008
43584	381890.45	6357587.25	5.826	5.857	0.031
43585	381849.28	6357540.62	5.795	5.858	0.063
43587	381796.43	6357548.68	5.845	5.858	0.013
43591	381816.47	6357600.43	5.836	5.857	0.021
43593	381943.59	6357448.71	6.029	5.859	-0.17
43596	381915.64	6357472.46	5.85	5.858	0.009
43598	381887.11	6357471.18	5.946	5.859	-0.087
43603	381878.78	6357431.93	5.899	5.86	-0.039
43606	381897.95	6357401.49	5.941	5.859	-0.082
43607	381898.73	6357354.17	5.899	5.857	-0.041
43611	381986.73	6357453.39	5.829	5.858	0.029
43614	382017.57	6357406.47	6.637	5.857	-0.78
43618	382039.3	6357474.95	5.827	5.857	0.03
43621	381837.98	6357440.97	5.805	5.861	0.056
43622	381812.41	6357442.5	5.878	5.862	-0.016
43627	381823.54	6357476.7	5.944	5.861	-0.083
43628	381763.69	6357490.11	5.834	5.862	0.029
43633	381810.98	6357381.38	5.859	5.863	0.004
43634	381803.41	6357367.98	5.835	5.864	0.029
43639	381784.68	6357224.6	5.805	5.849	0.044
43642	381842.02	6357229.67	5.812	5.674	-0.138
43645	381669.08	6357603.33	6.132	5.858	-0.274
43648	381663.83	6357572.14	5.862	5.859	-0.003
43649	381658.96	6357550.62	5.839	5.859	0.02
43654	381632.95	6357549.25	6.071	5.86	-0.211
43657	381648.07	6357624.7	5.959	5.857	-0.101
43659	381657.04	6357662.89	5.948	5.856	-0.092
43662	381680.58	6357650.36	5.787	5.857	0.07
43666	381688.97	6357634.71	5.921	5.857	-0.064
43667	381673.67	6357119.29	6.174	0	0
43670	381662.07	6357133.64	6.245	5.62	-0.625
43673	381630.93	6357132.7	6.406	5.728	-0.678
43676	382045.48	6357032.54	6.446	5.593	-0.853
43677	382040.22	6356985.71	6.213	5.593	-0.62
43682	382028.18	6356898.83	5.977	5.593	-0.384
43685	382120.94	6356973.17	6.189	5.593	-0.596
43686	382083.25	6356978.03	6.546	5.593	-0.953
43690	381707.27	6357702.96	6.007	5.855	-0.152
43694	381554.58	6357543.34	6.463	6.185	-0.278
43697	381610.78	6357665.61	5.99	5.994	0.004
43698	381570.21	6357615.04	6.007	6.042	0.035

43702	381586.81	6357599.73	6.29	6.039	-0.251
43715	381727.09	6355607.45	6.821	6.679	-0.142
43719	381918.41	6356146.43	6.644	6.331	-0.313
43882	381880.44	6356090.83	6.813	6.604	-0.209
43885	381865.52	6355951.06	6.808	6.591	-0.217
43891	381971.54	6356133.25	6.675	6.236	-0.439
43901	382010.43	6356127.34	6.676	0	0
43904	382093.17	6356112.92	6.515	0	0
43909	381930.49	6356253.33	6.669	6.525	-0.144
43922	381948.11	6356200	6.637	6.351	-0.286
43923	381864.75	6356182.89	6.813	6.606	-0.207
43932	382010.11	6356174.65	6.606	6.305	-0.302
43941	382025.68	6356303.31	6.53	6.348	-0.182
43944	381942.46	6356320.39	6.548	6.524	-0.024
43950	381856.72	6356260.76	6.935	6.904	-0.031
43956	381806.32	6356243.41	6.875	6.936	0.061
43965	381668.95	6356351.24	7.444	7.481	0.037
43969	381706.23	6356340.47	7.338	7.448	0.11
43972	381738.13	6356345.7	7.201	7.412	0.21
43974	381767.48	6356342.03	7.346	7.398	0.052
43977	381835.11	6356333.75	6.869	6.99	0.121
43980	381846.43	6356464.28	6.291	6.348	0.057
43983	381859.48	6356493.05	6.422	6.319	-0.103
43986	381704.85	6356234.53	6.945	6.963	0.018
43988	381517.8	6356251.71	7.874	7.8	-0.074
43991	381538.57	6356302.13	7.676	7.67	-0.006
43994	381453.73	6356228.97	7.995	7.956	-0.039
43997	381387.74	6356167.65	8.55	8.129	-0.421
44000	381405.6	6356184.19	8.015	8.072	0.057
44003	381335.66	6356121.83	8.116	8.235	0.119
44006	381304.85	6356064.33	8.353	8.3	-0.053
44254	381248.15	6356044.55	8.569	8.409	-0.16
44257	381197.21	6356000.69	8.667	8.697	0.03
44260	381246.37	6356000.62	8.446	8.459	0.013
44262	381343.5	6355981.93	8.307	8.291	-0.016
44265	381384.55	6355970.13	8.406	8.291	-0.115
44268	381411.74	6356034.62	8.281	8.274	-0.007
44272	381743.62	6356531.62	6.644	6.613	-0.031
44276	381870.9	6356572.44	5.871	5.624	-0.247
44278	381856.74	6356630.57	5.628	5.509	-0.119
44281	381857.38	6356597.22	5.684	5.565	-0.119
44285	381848.22	6356611.39	5.753	5.551	-0.202
44286	381717.13	6356464.87	7.147	6.828	-0.319
44291	382167.58	6356435.25	5.606	5.46	-0.146
44294	382070.5	6356447.8	5.522	5.462	-0.06
44297	382074.01	6356472.7	5.541	5.461	-0.08
44302	382038.36	6356441.71	5.746	5.65	-0.096
44305	382040	6356477.27	5.576	5.429	-0.147
44308	382004.02	6356426.82	5.873	5.785	-0.088
44311	381984.07	6356429.13	5.886	5.877	-0.009

45906	381350.52	6356386.02	8.154	8.14	-0.014
45910	381386.05	6356378.96	8.196	8.18	-0.016
45912	381257.93	6356269.9	8.236	8.199	-0.037
45916	381218.18	6356274.19	8.288	8.2	-0.088
45918	381250.42	6356598.58	8.097	7.462	-0.635
45920	381151.96	6356460.24	8.113	7.992	-0.121
45923	381247.3	6356376.02	8.266	8.188	-0.078
45926	381153.8	6356369.03	8.431	8.213	-0.218
45929	380929.66	6356410.15	8.556	8.677	0.121
45933	380903.59	6356424.7	8.629	8.721	0.092
45935	380860.01	6356335.47	8.784	8.844	0.06
45940	380867.09	6356383.44	8.746	8.788	0.042
45941	380909.29	6356490.83	8.278	8.552	0.274
45944	380825.89	6356498.67	8.458	8.746	0.288
45947	380778.04	6356456.81	8.773	8.808	0.035
45950	380715.01	6356516.65	8.817	8.855	0.037
45955	380733.04	6356426.32	8.998	9.132	0.134
45956	380795.94	6356341	9.008	9.167	0.159
45959	380733.26	6356348.94	9.196	9.387	0.19
45963	380642.88	6356362.49	9.54	9.542	0.002
45966	380640.84	6356432.83	9.493	9.237	-0.256
45969	381634.29	6356568.66	7.111	7.103	-0.008
45973	381615.16	6356579.68	7.454	7.265	-0.189
45975	381697.68	6356627.75	7.047	6.637	-0.41
45979	381604.5	6356664.94	7.175	6.908	-0.267
45981	381550.54	6357079.34	6.841	6.869	0.028
45985	381497.72	6357116.32	6.945	6.887	-0.058
45987	381567.87	6357036.1	6.408	0	0
45988	381766.68	6356738.68	6.262	5.63	-0.632
45992	381717.52	6356765.7	6.276	5.836	-0.441
45995	381697.53	6356886.54	6.238	5.595	-0.643
45998	381618.68	6356894.15	6.796	0	0
46000	381539.06	6357182.94	6.243	6.009	-0.234
46004	381527.69	6357366.33	6.348	5.878	-0.47
46011	381376.43	6357281.33	6.965	7.583	0.618
46014	381436.53	6357269.95	7.178	6.975	-0.203
46017	381492.28	6357202.68	6.955	6.729	-0.226
46019	381522.09	6357409.85	5.977	6.038	0.061
46022	381505.14	6357518.82	6.587	6.503	-0.084
46026	381482.57	6357505.95	6.774	6.771	-0.003
46028	381468.79	6357481.71	6.812	6.831	0.019
46031	381482.8	6357375.46	6.731	6.874	0.143
46034	381470.38	6357293.4	6.718	6.916	0.198
47910	381718.37	6357734.5	5.732	5.854	0.122
47913	381731.08	6357690.57	5.793	5.855	0.063
47914	382566.4	6356033.7	6.09	6.153	0.063
47918	382493.92	6356747.91	5.479	5.461	-0.018
47921	382572	6356735.59	5.516	5.461	-0.055
47924	382557.12	6356737.64	5.284	5.461	0.177
47927	381963.95	6356636.53	5.691	5.461	-0.231

47930	382155.01	6356578.2	5.711	5.46	-0.251
47933	382237.54	6356558.51	5.389	5.46	0.071
47935	382332.96	6356543.65	5.561	5.46	-0.101
47939	382273.97	6356553.43	5.633	5.46	-0.173
47942	382435.62	6356808.7	5.588	5.461	-0.127
47943	382436.48	6356813.65	5.574	5.461	-0.113
47949	382429.14	6356914.81	5.116	5.461	0.345
47951	382429.34	6356910.71	5.069	5.461	0.392
47953	381875.03	6356590.63	5.59	5.559	-0.031
47956	381966.67	6356615.55	5.675	5.46	-0.215
47958	382000.21	6356702.12	5.517	5.462	-0.055
47962	381986.63	6356730.79	5.374	5.463	0.089
47964	382047.87	6356787.87	5.697	5.464	-0.233
47968	382091.39	6356808.14	5.579	5.464	-0.115
47970	382151.17	6356681.47	5.584	0	0
47973	382171.95	6356601.64	5.535	5.46	-0.075
47976	382252.19	6356552.33	5.557	5.46	-0.097
47979	382276.2	6356548.34	5.652	5.46	-0.192
47982	382249.58	6356514.98	5.595	5.46	-0.135
47985	382315.2	6356504.44	5.563	5.46	-0.103
47988	382150.97	6356489.73	5.531	5.46	-0.071
47991	382018.51	6356597.11	5.247	5.46	0.212
47995	382048.83	6356553.3	5.472	5.46	-0.012
47997	382126.63	6356537.63	5.453	5.46	0.007
48001	382127.49	6356579.28	5.486	5.46	-0.026
48003	382087.86	6356654.04	5.566	5.46	-0.106
48006	382501.54	6356627.67	5.522	5.461	-0.061
48010	382518.12	6356742.16	5.458	5.461	0.003
48013	382488.66	6356747.27	5.503	5.461	-0.042
48015	382390.48	6356793.78	5.449	5.461	0.012
48019	382365.94	6356802.06	5.473	5.461	-0.012
48022	382311.42	6356835.01	5.732	5.46	-0.272
48026	382430.53	6356889.6	5.507	5.461	-0.046
48028	382387.24	6356859.71	5.482	5.461	-0.021
48031	382374.1	6356860.34	5.626	5.461	-0.165
48033	382328.91	6356861.86	5.631	5.461	-0.17
48036	382337.41	6356906.84	5.582	5.461	-0.121
48041	382348.06	6356889.17	5.457	5.461	0.004
48042	382480.23	6356872.01	5.603	5.461	-0.142
48048	382458.62	6356965.24	5.431	5.461	0.03
48049	382415.98	6357008.03	5.544	5.461	-0.083
48053	382460.78	6356959.78	5.549	5.461	-0.088
48056	382483.85	6356896.6	5.522	5.461	-0.061
48059	382492.81	6356928.48	5.622	5.461	-0.161
48063	382512.72	6356908.04	5.459	5.461	0.002
48065	382493.74	6356835.26	5.538	5.461	-0.077
48067	382438.99	6356947.8	5.586	5.461	-0.125
48072	382363.05	6356923.07	5.488	5.461	-0.027
48073	382341.1	6356952.2	5.499	5.461	-0.038
48078	382322.86	6356956.26	5.467	5.461	-0.006

48079	382392.62	6357050.6	5.342	5.461	0.119
48083	382415.8	6356977.79	5.484	5.461	-0.023
48086	382327.04	6356990.54	5.457	5.461	0.004
48088	382350.64	6356071.12	6.264	6.155	-0.109
48091	382465.66	6356052.01	6.551	6.154	-0.397
48094	382471.18	6356108.77	6.205	6.153	-0.052
48098	382538.22	6356144.36	6.24	6.151	-0.089
48100	382602.68	6356402.51	6.206	0	0
48103	382573.19	6356197.6	6.161	6.148	-0.013
48108	382587.72	6356294.91	6.167	6.144	-0.023
48109	382634.62	6356321.02	6.045	6.115	0.07
48113	382618.47	6356366.57	6.118	6.057	-0.061
48116	382625.4	6356543.07	5.67	0	0
48119	383238.23	6356473.17	6.022	6.01	-0.012
48122	383192.33	6356483.14	5.912	6.01	0.098
89922	379366.25	6354815.62	20.615	0	0
89925	379558.97	6354894.03	19.842	19.839	-0.003
89927	379533.64	6354823.14	20.542	0	0
89931	379622.08	6354800.31	20.718	20.432	-0.286
89933	379602.77	6355030.55	19.165	19.006	-0.158
89935	379794.03	6355050.84	19.206	19.079	-0.126
89937	379737.91	6354939.99	19.55	19.085	-0.464
89940	379510.81	6354680.24	21.6	21.401	-0.198
89942	379697.67	6354813.91	21.039	20.661	-0.366
89946	379641.23	6354692.17	21.324	21.075	-0.249
89949	379475.78	6354572.61	22.154	21.954	-0.199
89952	379445.19	6354581.12	22.098	21.956	-0.141
89955	379613.83	6354529.72	23.13	22.761	-0.369
89958	379612.6	6354455.2	24.05	24.076	0.026
89960	379091.34	6354431.95	23.93	24.208	0.278
89962	379159.67	6354503.55	24.116	24.182	0.066
89965	379006.8	6354520.75	25.328	0	0
89967	378665.62	6354378.78	27.666	29.065	1.398
89972	378630.3	6354384.87	29.158	29.575	0.417
89976	378710.85	6354386.84	27.839	28.871	1.032
89978	378697.14	6354437.02	28.622	0	0
89981	378245.81	6353570.04	34.747	34.456	-0.291
89985	378454.55	6353683.24	32.606	0	0
89988	378521.5	6353746.43	30.634	30.03	-0.604
89992	378643.47	6353943.49	29.826	29.602	-0.224
89994	378642.16	6353912.78	29.2	28.784	-0.416
89998	378606.27	6353889.72	29.949	29.628	-0.321
90001	379003.12	6354328.69	24.949	24.947	-0.002
90004	378920.32	6354223.15	26.893	26.088	-0.805
90007	378185.39	6353540.81	35.749	35.361	-0.388
96273	379249.48	6353828.71	32.897	32.913	0.016
96277	379246.84	6353783.16	33.495	33.224	-0.271
96280	379246.38	6353670.44	34.295	34.058	-0.237
96282	379177.43	6353512.59	38.796	38.844	0.048
96286	379581.01	6354146.18	26.499	26.436	-0.063

96290	380122.8	6353921.73	31.797	31.558	-0.239
96291	380172.07	6354058.3	29.155	0	0
96294	380144.16	6354138.08	28.473	27.956	-0.517
96297	380172.53	6354124.86	28.707	27.958	-0.749
96301	380126.42	6354024.82	30.125	29.66	-0.465
96313	380095.45	6353983.33	30.487	30.6	0.112
98274	383827.31	6354378.23	6.525	5.957	-0.569
98277	383857.23	6354449.96	6.035	5.956	-0.079
98280	383867.51	6354466.07	6.032	0	0
98286	383873.58	6354418.97	5.886	5.957	0.07
98288	383869.76	6354363.77	5.885	5.957	0.071
98291	383863.96	6354330.87	5.908	5.957	0.048
98294	383840.22	6354306.63	5.902	5.957	0.055
98297	383777.62	6354373.74	5.984	5.957	-0.028
98301	383797.42	6354286.18	6.228	5.958	-0.271
98305	383823.33	6354266.43	5.913	5.958	0.045
98307	383798.83	6354222.72	6.004	5.959	-0.045
98309	383731.8	6354380.79	5.95	5.957	0.006
98312	383733.15	6354268.11	5.96	5.961	0
98316	383755.89	6354270.15	5.968	5.961	-0.008
98319	383816.79	6354539.68	5.97	5.91	-0.061
98323	380835.62	6357298.25	8.439	8.372	-0.067
98333	380812.96	6357218.72	8.767	8.401	-0.366
98336	380821.7	6357198.8	8.056	8.405	0.349
98339	380790.54	6357273.58	8.468	8.394	-0.074
98342	380787.3	6357261.44	8.446	8.397	-0.049
98345	380769.55	6357211.6	8.471	8.407	-0.064
98348	380755.01	6357171.21	8.529	8.416	-0.113
98350	380701.6	6357122.21	8.485	8.428	-0.057
98353	380645.36	6357130.44	8.66	8.43	-0.23
98357	380608.74	6357152.66	8.545	8.43	-0.115
98359	380644.98	6357209.37	8.462	8.426	-0.036
98364	380699.71	6357206.38	8.481	8.416	-0.065
98368	380714.25	6357250.16	8.416	8.407	-0.009
98371	380703.53	6357314.69	8.532	8.4	-0.132
98374	380676.79	6357302.08	8.499	8.405	-0.094
98377	380649.76	6357282.52	8.573	8.409	-0.164
98381	380724.34	6357286.62	8.394	8.401	0.007
98384	380786.8	6357323.79	8.403	8.384	-0.019
98388	380831.04	6357165.7	8.596	8.422	-0.174
98395	382021.13	6355085.4	7.511	6.667	-0.844
98397	382036.61	6355081.22	6.766	6.667	-0.099
98400	381991.73	6355115.6	6.768	6.664	-0.104
98403	379886.36	6355666.97	14.295	14.142	-0.153
98406	379860.16	6355722.79	14.253	13.981	-0.272
98409	379819.68	6355630.75	14.767	14.619	-0.148
98412	379820.82	6355617.65	14.937	14.655	-0.282
98415	379811.06	6355599.19	15.067	14.858	-0.209
98418	379800.59	6355609.06	14.982	14.87	-0.112
98420	379855.53	6355598.54	15.11	0	0

98423	379815.13	6355521.54	15.966	15.58	-0.386
98426	380028.26	6355594.93	14.053	13.909	-0.144
98430	380021.6	6355640.44	14.148	13.911	-0.237
98432	379858.25	6355394.27	16.134	15.917	-0.217
98435	379985.63	6355407.16	15.536	15.526	-0.01
98439	379954.63	6355332.64	16.259	15.896	-0.363
98441	380035.88	6355413.11	15.284	15.002	-0.282
98445	380200.32	6355580.35	13.476	13.222	-0.254
98448	380132.15	6355649.69	13.385	13.241	-0.144
98451	380109.96	6355435.26	14.519	14.389	-0.13
98456	380268.35	6355592.36	12.606	12.702	0.096
98458	380234.94	6355662.86	12.837	12.754	-0.083
98462	380180.81	6355675.3	12.951	12.817	-0.134
98465	380140.02	6355717.62	12.938	12.809	-0.129
98467	380121.29	6355744.51	13.023	12.731	-0.292
98470	380179.76	6355710.68	12.947	12.779	-0.168
98473	380050.65	6355729.1	13.401	12.692	-0.709
98477	380003.16	6355706.52	14.098	13.915	-0.183
98480	379978.23	6355774.46	13.854	13.646	-0.208
98483	380047.65	6355824.3	13.418	13.013	-0.405
98487	379988.76	6355815.84	13.679	13.363	-0.316
98489	379965.83	6355915.57	13.564	13.225	-0.339
98493	379949.05	6355813.88	14.059	13.667	-0.392
98496	379931.16	6355770.6	13.983	13.794	-0.189
98498	379631.21	6355134.69	18.521	18.19	-0.331
98501	379607.01	6355144.16	18.265	18.194	-0.071
98504	379589.66	6355117.54	18.52	18.346	-0.173
98506	379571.51	6355083.95	19.005	18.428	-0.576
98515	379686.71	6355133.02	18.183	17.708	-0.475
98518	379698.52	6355171.05	17.384	17.346	-0.038
98522	379764.91	6355212.22	17.35	17.088	-0.262
98525	379683.38	6355239.51	17.386	17.356	-0.03
98527	379718.96	6355308.34	17.136	16.814	-0.322
98530	379743.78	6355355.63	17.103	16.674	-0.429
98534	379818.7	6355261.42	16.813	16.65	-0.163
98538	379558.08	6355153.62	18.412	18.247	-0.165
98540	380434.45	6356058.34	10.852	10.589	-0.262
98543	380448.04	6355925.29	10.819	10.808	-0.008
98546	380417.63	6355932.36	10.831	10.841	0.015
98551	380436.99	6355894.6	10.954	10.851	-0.1
98555	380428.32	6355862.22	11.093	10.946	-0.146
98557	380421.01	6355774.68	11.614	11.309	-0.305
98561	380382.82	6355746.65	11.759	11.564	-0.195
98563	380349.95	6355753.82	11.758	11.661	-0.097
98566	380377.36	6356002.5	10.894	10.733	-0.158
98570	380336.4	6355888.06	11.314	11.183	-0.13
98572	380316	6355833.6	11.8	11.768	-0.032
98606	382374.37	6354387.04	23.014	22.629	-0.385
98609	382358.33	6354370.55	23.14	0	0
98612	382560.08	6355345.56	6.424	6.455	0.031

98615	382576.85	6355298.18	6.461	6.454	-0.007
98618	382563.56	6355394.48	6.384	6.455	0.071
98621	382520.28	6355417.66	6.438	6.461	0.023
98624	382464.1	6355364.53	6.499	6.476	-0.023
98628	382424.09	6355336.33	6.361	6.489	0.128
98630	382416.33	6355316.09	6.553	6.49	-0.063
98633	382447.61	6355428.87	6.492	6.478	-0.014
98636	382392.34	6355439.36	6.495	6.489	-0.006
98639	382321.82	6355439.96	6.56	6.505	-0.055
98642	382705.09	6355401.35	6.195	6.223	0.028
98645	382642.26	6355303.33	6.675	6.33	-0.345
98648	382728.45	6355347.49	6.157	6.18	0.023
98650	382755.7	6355337.33	6.061	6.17	0.109
98653	382853.6	6355236.93	6.178	6.157	-0.021
98656	382717.38	6355295.15	6.184	6.223	0.039
98659	382876.06	6355393.24	5.992	6.033	0.041
98663	382930.39	6355390.9	5.959	6.024	0.065
98665	382776.64	6355486	5.92	6.066	0.146
98669	382853.77	6355473.68	5.971	6.002	0.031
98671	382823.28	6355576.22	5.751	5.592	-0.159
98674	382753.08	6355598.74	5.714	5.72	0.006
98676	382894.66	6355628.84	5.582	5.524	-0.058
98679	382738.03	6355572.8	5.92	6.069	0.149
98682	382728.44	6355520.15	6.209	6.168	-0.041
98700	383747.22	6357191.27	1.611	1.51	-0.101
98703	383815.42	6357305.55	1.554	1.509	-0.045
98706	383837.33	6357256.74	1.468	1.509	0.041
98709	383766.16	6357248.49	1.495	1.509	0.014
98712	383652.87	6357106.34	1.542	1.517	-0.025
98715	383605.62	6357113.8	1.846	1.518	-0.328
98718	383542.14	6357125.24	1.742	1.518	-0.224
98721	383458.3	6357140.72	1.616	1.518	-0.098
98724	383662.29	6357227.32	1.594	1.51	-0.084
98729	383711.56	6357258.02	1.718	1.508	-0.21
98732	383623.67	6357268.15	1.488	1.508	0.02
98735	383563.3	6357281.78	1.68	1.507	-0.173
98738	383525.22	6357310.92	1.556	1.505	-0.051
98741	383614.97	6357211.87	1.529	1.51	-0.019
98744	383547.86	6357248.38	1.561	1.509	-0.052
98747	383675.1	6357161.19	1.603	1.514	-0.089
98750	383637.81	6357165.98	1.37	1.515	0.145
98753	383592.13	6357158.14	1.677	1.516	-0.161
98756	383420.28	6357257.36	1.695	1.508	-0.187
98759	383417.03	6357290.61	1.765	1.507	-0.258
98762	383436.9	6357249.35	1.506	1.508	0.002
98765	383389.67	6357181.17	1.648	1.518	-0.13
98768	383450.25	6357175.81	1.503	1.517	0.014
98772	383433.7	6357205.68	1.804	1.517	-0.287
98774	383510.1	6357168.79	1.708	1.517	-0.191
98788	383613.51	6357919.27	1.565	1.456	-0.11

98791	383651.96	6357915.46	1.575	1.459	-0.116
98794	383616.22	6357891.45	1.444	1.459	0.015
98797	383608.06	6357839.89	1.429	1.46	0.031
98800	383717.02	6357888.6	1.356	1.461	0.104
98803	383762.57	6357898.36	1.392	1.461	0.069
98806	383796.55	6357889.86	1.41	1.461	0.051
98809	383787.87	6357871.06	1.089	1.461	0.372
98812	383719.93	6357737.23	1.468	1.461	-0.007
98815	383738.52	6357796.34	1.503	1.461	-0.042
98818	383665.03	6357750.3	1.648	0	0
98821	383592.7	6357780.46	1.588	1.461	-0.127
98824	383682.66	6357795.24	1.573	1.461	-0.112
98827	383657.67	6357832.03	1.418	1.461	0.043
98830	383691.13	6357858.47	1.411	1.461	0.05
98833	383620.8	6357802.94	1.448	1.461	0.013
98837	383631.66	6357854.27	1.433	1.46	0.027
98839	383570.4	6357850.12	1.633	1.466	-0.167
98842	383588.25	6358003.92	1.586	1.379	-0.207
98854	381467.63	6355283.25	8.081	7.782	-0.299
98857	381520.89	6355290.61	7.733	7.583	-0.15
98860	381415.63	6355082.55	9.788	9.487	-0.301
98863	381484.22	6355050.64	9.877	9.582	-0.295
98866	381424.2	6354918.34	10.546	10.679	0.133
98869	381401.52	6354876.57	11.096	10.884	-0.212
98873	381338.43	6354866.01	11.585	11.504	-0.081
98877	380213.88	6354801.83	16.676	16.519	-0.157
98880	380091.3	6354505.39	22.903	0	0
98883	380202.23	6354641.01	19.447	19.216	-0.231
98886	380548.35	6354845.81	13.025	0	0
98889	380488.72	6354864.04	13.251	13.118	-0.133
98892	380519.01	6354951.8	12.719	12.305	-0.413
98895	380562.82	6354973.46	12.128	12.039	-0.089
98898	380430.21	6354892.11	13.721	0	0
98901	380675.21	6355043.58	11.931	11.795	-0.136
98904	380637.62	6355053.83	11.92	11.794	-0.126
98907	380560.27	6355113.18	11.881	11.788	-0.093
98910	380559.65	6355243.03	11.751	11.567	-0.184
98914	380507.67	6355212.01	11.908	11.639	-0.269
98916	380626.84	6355286.58	11.283	11.514	0.231
98919	380647.24	6355262.03	11.539	11.542	0.003
98922	380696.5	6355183.65	11.729	11.667	-0.062
98927	380665.18	6355100.61	11.747	11.776	0.029
98928	380643.43	6355126.78	12.066	11.758	-0.308
98931	380730.66	6355339.46	11.528	11.479	-0.049
98934	380663.4	6355387.71	11.653	11.466	-0.187
98937	380716.39	6355437.35	11.365	11.448	0.083
98940	380729.18	6355451.28	11.143	11.415	0.272
98943	380534.93	6355316.23	11.101	10.839	-0.262
98945	380718.68	6355564.23	10.374	9.871	-0.503
98996	379707.78	6356029.68	17.585	17.39	-0.195

99000	379719.06	6356020.72	17.353	17.339	-0.014
99003	379819.36	6355970.74	15.934	15.752	-0.182
99006	379925.23	6356001.57	14.241	0	0
99009	379493.68	6356147.83	20.681	20.462	-0.219
99013	379519.72	6356286.46	22.928	22.248	-0.68
99015	380189.65	6355806.93	12.661	12.252	-0.411
99018	380098.72	6355882.05	12.857	12.814	-0.043
99021	380087.54	6355853.68	13.099	12.893	-0.206
99024	380278.47	6355856.94	11.972	11.818	-0.154
99027	380228.8	6355813.79	12.459	12.208	-0.251
99030	380248	6355777.76	12.285	12.227	-0.058
99033	380273.16	6355755.64	12.318	12.229	-0.089
99036	380231.91	6355734.94	12.598	12.464	-0.134
99039	380317.86	6355663.62	12.103	12.079	-0.024
99042	380382.58	6355672.09	11.971	11.765	-0.206
99045	380335.81	6355708.21	12.042	11.83	-0.212
99048	380314.84	6355472.9	12.976	12.804	-0.171
99051	380435.95	6355565.14	11.891	11.621	-0.27
99054	380543.37	6355707.93	10.898	10.768	-0.13
99057	380577.37	6355723.26	10.683	10.661	-0.022
99060	380562.58	6355763.03	10.651	10.607	-0.044
99063	380573.53	6355807.86	10.685	10.529	-0.157
99066	380462.11	6355778.55	11.18	11.013	-0.167
99069	380630.63	6356111.37	9.89	9.791	-0.099
99072	380614.53	6356012.45	10.204	10.073	-0.131
99076	380600.78	6355943.17	10.4	10.289	-0.112
99078	380570.18	6355970.04	10.386	10.303	-0.083
99081	380604.13	6355859.17	10.527	10.407	-0.12
99084	380544.91	6355841.04	10.56	10.513	-0.047
99088	380597.54	6356102.91	9.996	9.843	-0.153
99090	380617.81	6356194.76	9.666	9.547	-0.12
99093	380032.44	6356037.33	13.368	13.353	-0.015
99096	380007.28	6355997.29	13.447	13.176	-0.271
99099	380139.82	6356103.76	11.825	11.622	-0.203
99102	380130.81	6356167.34	11.335	11.371	0.036
99105	380481.44	6356145.7	10.374	10.223	-0.151
99108	380491.68	6356185.6	10.316	10.129	-0.187
99111	380467.82	6356265.15	10.044	9.798	-0.246
99114	380390.42	6356306.62	9.893	9.751	-0.142
99117	380487.61	6356385.03	9.861	9.631	-0.23
99120	380282.31	6356884.31	8.829	8.612	-0.217
99123	380207.26	6356872.35	9.235	8.633	-0.602
99126	380520.62	6356844.9	8.702	8.584	-0.118
99129	379444.49	6357041.14	13.407	13.099	-0.308
99132	379560.87	6356971.45	11.522	11.546	0.024
99135	379612.04	6357028.12	10.803	10.72	-0.083
99138	379665.37	6357024.83	10.362	10.18	-0.182
99141	379752.22	6356928.29	9.85	9.793	-0.057
99145	380397.04	6356607.85	9.238	9.097	-0.141
99147	380448.05	6356593.29	9.171	9.024	-0.147

99150	380556.34	6356468.23	9.67	9.596	-0.074
99153	380570.53	6356567.85	9.089	8.96	-0.128
99156	380527.84	6356590.61	9.091	9	-0.091
99160	380268.85	6356397.23	10.04	9.715	-0.325
99162	380376.22	6356415.18	9.373	9.597	0.224
99166	380396.91	6356407.34	9.755	9.601	-0.154
99168	380454.34	6356435.11	9.732	9.58	-0.152
99171	380399.61	6356368.06	9.748	9.619	-0.129
99174	380362.81	6356230.67	10.211	10.046	-0.165
99177	380252.55	6356330.31	10.114	9.811	-0.302
99180	380401.56	6356508.26	9.611	9.511	-0.1
99183	380457.29	6356502.57	9.602	9.415	-0.187
99186	380421	6356545.96	9.415	9.277	-0.138
99190	378865.06	6354960.68	26.803	26.474	-0.329
99191	378988.82	6355012.92	25.842	25.198	-0.644
99194	379047.45	6355010.06	25.766	25.134	-0.632
99197	379057.83	6355008.43	25.694	25.116	-0.578
99200	379113.02	6355105.91	24.271	24.251	-0.02
99203	379157.71	6355357.03	21.968	21.614	-0.354
99206	379242.44	6355313.24	21.178	0	0
99209	379183.81	6355312.31	22.291	0	0
99213	379177.06	6355260.11	22.204	21.733	-0.471
99215	379405.4	6355269.07	19.96	19.852	-0.108
99218	379496.69	6355593.33	16.834	16.548	-0.286
99221	379492.52	6355556.66	16.99	16.767	-0.223
99224	379454.51	6355563.26	17.105	17.125	0.02
99227	379564.48	6355620.81	15.895	15.787	-0.108
99230	379528.89	6355529.99	16.434	16.351	-0.083
99233	379758.46	6355602.91	15.429	15.12	-0.309
99238	379609.25	6356072.79	18.715	18.591	-0.124
99239	379564.31	6356054.07	19.139	18.98	-0.159
99242	379639.18	6356078.02	18.343	18.201	-0.142
99245	379095.17	6357650.03	17.419	16.647	-0.772
99248	379049.45	6357659.31	17.741	0	0
99251	378977.11	6357668.07	18.261	0	0
99254	379133.73	6357644.05	16.741	16.385	-0.356
99257	379176.82	6357635.21	16.113	16.055	-0.058
99260	379259.83	6357632.34	15.52	15.62	0.1
99263	379211.39	6357634.25	15.973	15.867	-0.105
99266	379558.18	6357155.66	11.2	10.934	-0.266
99269	379595.7	6357171.01	11.133	10.86	-0.273
99272	379633.32	6357161.58	10.957	10.763	-0.194
99273	379651.08	6357186.84	10.743	10.975	0.232
99276	379704.56	6357196.25	10.78	10.811	0.031
99280	379567.78	6357104.21	10.798	10.801	0.003
99283	379622.15	6357109.15	10.874	10.75	-0.124
99286	379621.78	6357141.23	10.893	10.778	-0.115
99291	379536.7	6357494.33	12.887	12.842	-0.045
99294	380273.54	6357607.89	12.908	12.842	-0.066
99296	380385.78	6357417.04	10.644	10.317	-0.327

99299	380485.6	6357385	9.512	9.474	-0.038
99302	380673.98	6357331.84	8.437	8.405	-0.032
99306	380640.42	6357350.2	8.441	8.413	-0.027
99308	380551.17	6357325.2	9.106	8.976	-0.13
99312	380619.18	6357211.05	8.815	8.428	-0.387
99314	380266.64	6357816.08	15.215	15.17	-0.046
99545	379705.45	6357976.69	21.139	21.11	-0.029
99548	379698.08	6358051.18	22.152	21.866	-0.287
99551	379675.24	6358059.35	22.049	21.817	-0.232
99554	379663.05	6358006.99	21.033	21.237	0.205
99560	379618.9	6358293.56	25.055	24.7	-0.355
99563	379564.62	6358299.01	26.277	25.958	-0.32
99566	379708.81	6358080.82	22.333	0	0
99569	379709.46	6358149.11	23.704	0	0
107901	380939.25	6357589.39	8.006	7.888	-0.118
107905	380939.46	6357479.59	7.767	7.764	-0.003
107907	380906.03	6357679.31	7.899	0	0
107910	380835.9	6357744.92	9.412	9.458	0.046
107913	380278.51	6358059.16	20.744	20.524	-0.22
107916	380229.29	6358181.71	24.317	0	0
107919	381184.92	6358910.81	6.459	6.157	-0.302
107922	381253.87	6358848.37	6.218	6.075	-0.143
107925	381078.32	6359020.71	6.597	6.562	-0.035
107928	381157.33	6358889.37	6.413	6.392	-0.021
107931	381069.16	6358846.92	7.473	7.501	0.028
107934	381134.03	6358837.83	6.985	0	0
107937	381097.28	6358768.73	7.78	7.591	-0.189
107940	381033.7	6358968.57	7.047	0	0
107943	380993.59	6358836.42	7.958	7.925	-0.033
110631	381191.22	6358334.97	6.765	6.511	-0.254
110635	381371.6	6358362.37	5.432	5.387	-0.045
110637	381479.76	6358347.52	4.897	5.095	0.198
110640	381573.55	6358327.8	5.135	4.965	-0.17
110643	381661.98	6358357.17	4.864	4.896	0.032
110646	381603.08	6358279.26	4.996	4.974	-0.022
110649	381476.01	6358291.1	5.043	5.056	0.013
110652	381852.67	6358191.99	4.39	0	0
110655	381894.36	6358115.91	4.524	4.249	-0.275
110658	381677.09	6358006.04	4.733	4.525	-0.208
110661	381680.23	6358044.8	5.087	4.535	-0.552
110664	381752.7	6358025.55	4.477	4.403	-0.074
110667	381699.84	6357957.96	4.724	4.522	-0.202
110670	381703.64	6357981.87	4.627	4.511	-0.116
110673	381690.25	6357941.47	4.779	4.527	-0.252
110676	381667.91	6357963.4	4.637	4.527	-0.11
110679	381644.45	6357949.25	4.636	4.533	-0.103
110682	381616.55	6357904.48	4.705	4.563	-0.142
110685	381487.99	6357953.43	5.611	5.41	-0.201
110688	381476.37	6357795.01	6.681	6.316	-0.365
110692	381526.8	6357839.54	5.574	5.595	0.021

110695	381490.58	6357856.66	6.181	5.933	-0.248
110697	381331.96	6357803.57	6.424	6.368	-0.056
110700	381372.42	6357839.38	6.504	6.326	-0.178
110703	381335.23	6357848.19	6.31	6.352	0.042
110706	381277.07	6357752.75	7.166	6.736	-0.43
110709	381312.59	6357719.45	6.883	6.732	-0.151
110712	381180.08	6357741.92	7.06	6.784	-0.276
110715	381148.77	6357651.59	7	6.923	-0.077
110717	381190.78	6357670.31	6.959	6.86	-0.099
110721	381123.77	6357712.46	7.147	7.037	-0.11
110724	381090.68	6357625.04	7.192	7.073	-0.119
110727	381014.39	6357665.94	7.283	7.145	-0.138
110730	381033.79	6357667.53	7.368	7.132	-0.236
110733	380946.65	6357644.03	7.74	7.359	-0.381
110736	380975.7	6357696.69	7.629	0	0
111225	381111.21	6359734.5	8.828	0	0
111228	381063.11	6359798.39	8.734	0	0
111232	380950.16	6360125.14	14.732	14.633	-0.099
111235	380975.45	6360153.37	15.278	0	0
111238	380815.43	6360179.96	15.324	15.262	-0.062
112110	381169.44	6359460.95	6.917	0	0
112113	381254.74	6359513.06	6.675	6.432	-0.242
112116	381306.93	6359453.74	6.033	5.924	-0.108
112119	381211.46	6359438.74	6.398	6.353	-0.045
112122	381304.68	6359288.21	5.266	5.657	0.391
112125	381316.58	6359359.27	5.593	5.759	0.166
112128	381251.98	6359350.56	5.61	5.776	0.166
112131	381203.36	6359378.43	6.402	6.12	-0.282
112134	381363.18	6359266.82	5.187	5.31	0.123
112137	381403.16	6359255.49	5.013	5.133	0.118
112140	381437.15	6359322.76	4.973	5.137	0.162
112143	381425.77	6359395.86	5.052	5.159	0.106
112146	381453.46	6359250.55	4.813	5.031	0.216
112149	381597.86	6359328.18	4.595	4.837	0.236
112152	381498.47	6359197.28	4.412	4.738	0.324
112155	381515	6359270.63	4.616	4.848	0.226
112158	381528.93	6359366.93	4.888	4.901	0.013
112161	381553.66	6359397.26	4.76	4.849	0.083
112164	381635.71	6359389.3	5.14	4.915	-0.225
112167	381601.84	6359392.55	4.859	4.87	0.011
112170	381876.66	6359120.91	4.42	0	0
112173	381847.51	6359384.31	5.285	0	0
112176	381885.08	6359352.03	4.808	0	0
112179	381967.08	6359284.23	4.764	0	0
112182	381958.38	6359138.2	3.918	0	0
112185	382059.82	6359206	4.73	4.399	-0.33
112188	381929	6359057.42	4.165	0	0
112190	381982.35	6359052.18	3.592	0	0
112193	381998.1	6359109.59	3.78	0	0
112196	382155.71	6359126.4	4.502	4.431	-0.07

112199	382214.67	6359044.26	4.31	0	0
112202	381810.53	6358967.45	4.295	4.305	0.011
112205	382114.13	6358909.46	2.88	0	0
112208	382559.25	6358598.41	2.359	2.131	-0.23
112212	382592.07	6358722.22	4.324	0	0
112214	382432.1	6358572.56	2.834	2.701	-0.133
112217	382361.16	6358623.21	2.787	2.318	-0.471
112220	382302.45	6358639.1	2.994	2.426	-0.567
112223	381962.01	6358726.36	4.639	0	0
112227	382024.78	6358337.16	3.2	3.289	0.087
112230	381998.71	6358243.31	3.518	3.77	0.252
112232	381989.78	6358213.82	3.584	3.783	0.199
112235	382025.01	6358445.57	3.235	3.265	0.027
112238	383797.5	6358550.74	1.879	2.032	0.153
112241	383793.91	6358599.35	1.943	2.048	0.105
112283	383022.4	6357278.88	6.083	6.068	-0.015
112286	382999.59	6357317.89	6.261	6.063	-0.198
112289	382978.28	6357355.67	6.019	6.05	0.031
112292	383015.45	6357340.41	6.167	6.01	-0.157
112295	383034.85	6357306.95	6.128	0	0
112298	383039.67	6357247.31	6.095	6.069	-0.026
112301	383055.16	6357220.02	6.147	6.069	-0.078
112304	383011.63	6357224.72	6.226	6.072	-0.154
112307	382928.72	6357310.07	6.204	6.078	-0.126
112310	383061.19	6357395.09	5.241	5.27	0.029
112313	383085.59	6357357.19	5.184	5.28	0.096
112316	383054.75	6357370.75	5.142	5.278	0.136
112320	383009.07	6357492.04	2.119	1.961	-0.158
112322	383090.19	6357544.6	1.725	1.869	0.144
112326	383205.85	6357529.05	1.841	1.815	-0.026
112328	383229.56	6357527.53	1.753	1.815	0.062
112331	382563.37	6357892.4	2.739	1.989	-0.75
112334	382469.86	6357784.71	2.607	0	0
118846	383139.32	6357612.35	1.729	1.815	0.086
118849	383101.89	6357594.08	1.817	1.816	-0.001
118852	383181.55	6357603.72	1.817	1.815	-0.002
118855	383224.11	6357630.23	1.651	1.815	0.164
118858	383243.86	6357616.46	1.663	1.815	0.152
118862	383260.08	6357682.65	1.914	1.814	-0.1
118864	383171.98	6357674.2	1.797	1.814	0.017
118867	383266.41	6357719.78	1.72	1.814	0.094
118870	383193.64	6357698.09	1.734	1.814	0.08
118873	383135.55	6357651.87	1.659	1.815	0.156
118876	383113.57	6357704.36	1.675	1.813	0.138
118879	383285.17	6357817.91	2.024	1.814	-0.21
118882	383284.21	6357773.67	1.793	1.814	0.021
118885	383202.69	6357748.97	1.899	1.814	-0.085
118888	383207.95	6357773.85	1.705	1.814	0.109
118891	383194.16	6357782.48	1.765	1.814	0.049
118894	383173.67	6357754.79	1.654	1.814	0.16

118897	383264.47	6357962.8	1.677	1.653	-0.024
118900	383541.57	6357762.14	1.583	1.468	-0.115
118903	383515.17	6357750.71	1.619	1.473	-0.146
118906	383494.38	6357687.61	1.513	0	0
118909	383521.36	6357653.48	1.655	1.48	-0.175
118912	383507.08	6357585.92	1.643	1.481	-0.162
118915	383489.74	6357631.28	1.613	1.48	-0.133
118918	383473.71	6357552.42	1.376	1.481	0.105
118921	383456.66	6357630.93	2.111	0	0
118940	383752.8	6356847.24	1.394	2.306	0.912
118943	383765.89	6356874.66	1.305	2.305	1
118946	383777.32	6356887.43	1.783	2.305	0.522
118949	383757.26	6356805.24	1.491	2.309	0.818
118952	383855.62	6356767.27	1.828	2.309	0.481
118955	383899.29	6356732.97	1.96	2.317	0.357
118958	383861.02	6356709.96	2.081	2.318	0.237
118961	383861.98	6356688.43	1.8	2.316	0.516
118965	383880.61	6356729.79	1.85	2.316	0.466
118967	383945.66	6356703.03	1.942	2.319	0.376
118970	383870.88	6356668.45	2.086	2.321	0.235
118973	383882.12	6356634.23	1.909	2.328	0.419
118977	383957.77	6356655.33	1.843	2.327	0.484
118979	383813.11	6356573.35	1.9	2.332	0.432
118982	383853.55	6356567.11	1.911	2.332	0.42
118985	383841.32	6356625.12	1.937	2.33	0.393
118988	383700.85	6356646.85	2.177	2.314	0.136
118992	383613.14	6356740.83	2.299	0	0
119869	384400.15	6357978.18	1.622	0	0
119871	384628.59	6358288.39	1.68	1.629	-0.051
119875	384580.21	6358235.95	1.713	1.619	-0.094
123026	384643.16	6357223.36	1.847	1.546	-0.301
123029	384653	6357063.33	1.461	1.609	0.148
123032	384632.12	6356982.25	1.696	1.572	-0.124
123035	384670.98	6357527.39	1.742	1.567	-0.175
123038	384684.47	6357463.23	1.848	1.567	-0.281
123041	384605.35	6357540.5	1.715	1.569	-0.146
123044	384633.28	6357466.22	1.945	1.567	-0.378
123047	384633.47	6357582.45	1.8	1.616	-0.184
123050	384670.83	6357563.08	1.694	1.618	-0.076
123053	384614.67	6357671.17	1.69	1.61	-0.08
123057	384645.63	6357641.43	1.841	1.61	-0.231
123059	384630.53	6357700.64	1.674	1.61	-0.064
123062	384628.84	6357739.29	1.702	1.61	-0.092
123067	384737.88	6357718.34	1.829	1.61	-0.219
123070	384833.72	6357883.49	1.704	1.615	-0.089
123072	384769.74	6357946.62	1.948	1.615	-0.333
123077	384726.82	6357833.63	1.689	1.612	-0.077
123078	384684.8	6357822.95	1.706	1.612	-0.094
123082	384572.47	6357806.56	1.979	1.611	-0.368
123085	384562.63	6357853.44	1.702	1.605	-0.097

123087	384739.79	6358109.28	1.772	1.618	-0.154
123090	384697.2	6358146.34	1.86	0	0
123093	384712.03	6358253.67	1.989	1.627	-0.362
123096	384678.65	6358092.43	1.757	1.617	-0.14
123100	384667.95	6358058.95	1.903	1.616	-0.287
123104	384648.58	6358086.77	1.772	1.617	-0.155
123107	384641.96	6358146.73	1.869	1.621	-0.248
123110	384636.81	6358217.86	1.841	1.627	-0.214
123113	384522.98	6358071.27	1.875	1.54	-0.335
123116	384608.63	6358041.59	1.692	1.601	-0.091
123120	384595.1	6358129.37	1.613	1.617	0.004
123123	384556.8	6358143.87	1.675	1.615	-0.06
123125	384435.79	6358018.76	1.81	0	0
123126	384337.17	6355701.07	3.424	3.375	-0.049
123130	384288.1	6355628.41	3.181	3.374	0.193
123132	383985.47	6355665.76	3.407	3.375	-0.032
123135	383939.21	6355700.19	3.281	3.375	0.094
123138	384106.84	6355736.25	3.443	3.373	-0.07
123142	383993.02	6355829.47	3.599	3.367	-0.231
123144	383761.78	6356511.45	3.146	0	0
123147	383743.15	6356416.2	4.543	0	0
123151	383785.89	6356393.43	4.283	0	0
123153	383703.67	6356364.03	5.256	0	0
123155	384047.08	6356188.52	2.924	3.124	0.2
123158	384107.85	6356132.34	3.192	3.124	-0.068
123161	384064.54	6356253.61	2.906	3.114	0.208
123164	384157.47	6356254.24	2.938	3.075	0.137
123169	384078.6	6356371.12	2.61	2.77	0.16
123185	383574.41	6356334.73	5.804	0	0
123188	383629.14	6356255.65	5.675	0	0
123191	383586.45	6356222.13	5.693	0	0
123194	383473.61	6356278.49	6.209	0	0
123197	383396.12	6356288.99	5.968	0	0
123201	383354.13	6356287.8	6.101	0	0
123203	383460.35	6356399.63	5.848	0	0
123206	383377.03	6356173.03	5.573	5.669	0.096
123210	383304.85	6356126.88	5.46	5.673	0.213
123213	383451.39	6355955.48	4.326	4.326	0
123216	383343.62	6355955.86	4.775	4.441	-0.334
123219	383619.33	6355961.03	3.809	3.953	0.144
123221	383558.77	6355973.02	4.208	3.967	-0.241
123223	383559.82	6355974.97	3.855	3.965	0.11
123224	383678.1	6355927.69	3.742	3.917	0.175
123228	383700.34	6355953.99	4.034	3.916	-0.118
123230	383725.63	6355888.43	3.509	3.709	0.2
123234	383741.82	6355839.65	3.593	3.483	-0.11
123236	383820.66	6355832.7	3.394	3.395	0.001
123239	383816.46	6355782.52	3.451	3.393	-0.058
123242	383850.38	6355738.56	3.31	3.386	0.076
123245	383893.98	6355804.03	3.73	3.384	-0.346

123248	383970.2	6355887.96	3.703	0	0
123251	384001.71	6355931.67	3.997	0	0
123254	383872.62	6355839.01	3.436	3.393	-0.043
123258	383806.46	6355881.91	3.757	3.475	-0.283
123260	383764.71	6356044.61	4.359	0	0
123261	383763.53	6356043.01	4.761	0	0
123279	383424.1	6355192.2	5.132	5.273	0.141
123282	383503.37	6355162.59	5.151	5.133	-0.018
123284	383508.79	6355239.29	4.788	4.932	0.143
123287	383480.06	6355326.47	4.854	4.731	-0.123
123290	383571.59	6355332.05	4.561	4.624	0.064
123294	383674.16	6355172.12	4.709	4.623	-0.086
123296	383624.99	6355247.31	4.816	4.683	-0.133
123299	383769.03	6355131.02	4.58	4.545	-0.035
123303	383759.38	6355217.34	4.147	4.359	0.212
123307	383605.53	6355168.02	4.904	4.93	0.026
123308	383607.15	6355089.78	5.223	5.113	-0.11
123312	383329.93	6355156.28	5.569	5.524	-0.045
123315	383238.59	6355230.83	5.644	5.524	-0.12
123318	383361.13	6355097.87	5.706	5.582	-0.125
123320	383436.3	6355076.07	5.473	5.523	0.05
123323	383269.66	6355071.21	5.413	5.738	0.325
123326	383295.44	6354971.51	5.764	5.816	0.052
123330	383384.75	6354976.72	5.654	5.756	0.102
123332	383521.44	6354980.83	5.593	5.783	0.189
123337	383469.51	6354951.88	6.097	5.791	-0.306
123338	383492.59	6354932.63	5.701	5.802	0.101
123341	383406.25	6354959.12	5.753	5.768	0.015
123344	383552.69	6354936	5.968	5.834	-0.134
123347	383484.36	6354809.88	6.889	6.38	-0.509
123350	383538.82	6354788.15	6.441	6.265	-0.176
123353	383599.79	6354846.33	6.079	6.091	0.012
123357	383690.78	6354776.73	6.45	6.058	-0.393
123359	383311.22	6354822.48	7.252	7.367	0.115
123362	383294.38	6354880.58	6.976	7.046	0.07
123365	383247.72	6354933.5	6.817	6.534	-0.284
123368	383187.96	6355120.18	5.983	5.869	-0.114
123372	383195.85	6355064.6	5.869	5.923	0.054
123374	383198.05	6354961.04	6.568	6.517	-0.051
123378	383133.04	6354955.99	6.997	6.989	-0.008
123380	383136.33	6354850.52	8.827	8.635	-0.193
123383	383002.4	6354816.08	10.23	10.221	-0.009
123386	382837.65	6354831.92	12.266	12.118	-0.148
123391	382758.28	6354758.25	13.509	13.604	0.095
123395	382662.42	6354731.83	15.459	15.364	-0.095
123398	382808.25	6354863.43	12.134	12.029	-0.105
123401	382919.5	6354916.93	10.761	10.396	-0.365
123404	382878.08	6354915.07	11.267	10.959	-0.308
123407	382635.95	6354729.03	15.482	15.427	-0.055
123411	382494.12	6354602.07	18.658	0	0

123413	382513.27	6354550.99	18.382	18.482	0.1
123416	382493.25	6354541.07	18.582	18.631	0.049
123420	382465.07	6354529.24	19.502	18.971	-0.531
123421	382642.92	6354567.38	16.882	16.956	0.074
123425	382657.01	6354589.38	16.754	16.659	-0.095
123427	382714.16	6354589.9	15.963	16.038	0.075
123430	382730.83	6354613.13	15.66	15.774	0.114
123433	382743.37	6354599.54	15.685	15.637	-0.048
123436	382998.62	6354692.05	12.16	12.243	0.083
123439	382985.9	6354633.75	12.927	12.756	-0.171
123442	383073.56	6354712.72	10.426	10.448	0.021
123447	382419.81	6354504.57	19.985	19.804	-0.181
123448	382341.32	6354302.71	23.364	23.44	0.076
123453	382126.22	6354211.82	25.797	26.02	0.223
123454	382031.18	6354198.23	27.381	27.237	-0.144
123457	382001.1	6354190.4	27.824	28.023	0.199
123460	381931.49	6354185.9	29.37	29.372	0.002
123463	381879.63	6354175.79	29.781	29.93	0.15
123466	381830.64	6354168.22	30.403	30.399	-0.004
123469	383008.26	6354788.28	10.331	10.373	0.042
123470	383006.79	6354786.05	10.191	10.408	0.217
123473	383216.55	6354785.38	8.529	8.424	-0.105
123478	383306.26	6354781.17	7.725	7.557	-0.168
123479	383352.92	6354714.81	7.266	6.895	-0.368
123482	383429.83	6354730.85	6.534	6.497	-0.039
123486	383269.35	6354678.51	8.026	7.927	-0.097
123490	383002.47	6354578.51	12.406	12.255	-0.151
123494	383114.45	6354577.27	10.306	10.35	0.044
123496	383062.66	6354523.03	11.95	11.776	-0.174
123499	383107.98	6354417.33	14.414	13.788	-0.626
123503	383178.16	6354406.72	13.045	13.186	0.141
123506	383139.14	6354290.06	15.782	15.912	0.13
123509	382791.93	6354048.27	28.96	0	0
123512	382831.53	6354073.24	27.067	26.723	-0.344
123515	382856.76	6354167.83	22.296	22.926	0.63
123518	382867.91	6354107.88	25.179	25.003	-0.176
123521	382876.33	6354184.11	22.901	22.769	-0.132
123526	382862.11	6354211.81	22.541	22.462	-0.079
123527	382928.01	6354232.06	21.128	21.115	-0.013
123532	382968.86	6354270.91	19.959	19.784	-0.175
123533	383029.41	6354320.21	17.792	17.514	-0.278
123535	383027.87	6354311.36	18.341	18.056	-0.285
123536	383056.73	6354319.83	17.29	17.216	-0.074
123539	383077.71	6354282.88	17.012	17.102	0.09
123543	383085.75	6354259.42	17.005	16.987	-0.018
123545	383413.73	6354589.29	6.577	6.658	0.081
123548	383350.45	6354578.66	7.092	7.335	0.243
123550	383498.53	6354640.03	6.137	6.342	0.204
123553	383479.05	6354510.06	6.578	6.528	-0.05
123557	383470.39	6354466.88	6.948	6.545	-0.403

123560	383493.58	6354560.86	6.278	6.285	0.006
123564	383555.23	6354553.17	6.167	6.281	0.113
123566	383476.58	6354468.41	6.449	6.545	0.096
123568	383510.04	6354404.36	7.452	7.291	-0.161
123571	383560.31	6354292.77	7.592	7.552	-0.04
123573	383613.09	6354256.31	7.797	7.755	-0.042
123576	383505.09	6354287.31	8.293	8.29	-0.003
123579	383453.38	6354259.26	9.34	9.326	-0.014
123583	383348.2	6354281.65	10.207	10.087	-0.12
123585	383289.17	6354142.49	12.731	12.822	0.091
123590	383289.56	6354158.5	12.22	12.3	0.08
123593	383345.33	6354157.04	12.18	12.04	-0.14
123595	383302.77	6354229.67	11.091	11.245	0.154
123598	383392.81	6354058.5	14.393	14.376	-0.017
123601	383325.63	6353988.77	17.071	17.162	0.091
123604	383280.86	6353913.45	19.671	19.379	-0.292
123608	383281.66	6354033.45	16.235	16.091	-0.144
123611	383810.3	6354180.66	6.391	6.379	-0.012
123613	383498.54	6354472.99	6.544	6.548	0.004
123616	383654.09	6354517.02	6.294	6.227	-0.068
123620	383596.1	6354517.05	6.296	6.277	-0.02
123621	383724.16	6354434.52	5.884	5.956	0.072
123626	383721.04	6354446.16	5.879	5.956	0.077
123627	383651.09	6354574.1	6.295	6.224	-0.072
123630	383649.41	6354587.11	6.293	6.228	-0.066
123635	383757.57	6354561.83	5.85	5.947	0.097
123638	383790.18	6354580.34	5.902	5.94	0.038
123642	383592.96	6354618.59	6.377	6.252	-0.125
123643	383587.1	6354697.11	6.32	6.256	-0.064
123646	383821.62	6354753.35	5.762	5.833	0.071
123651	383842.27	6354661.26	6.007	5.927	-0.081
123653	383764.92	6354609.53	5.965	5.942	-0.023
123655	383823.11	6354514.15	6.026	5.937	-0.09
123659	383804.82	6354582.35	5.934	5.915	-0.02
123661	383880.15	6354570	5.903	5.891	-0.012
123665	384026.34	6354618.43	5.175	4.537	-0.64
126348	385102.2	6355989.03	3.158	3.279	0.121
126349	385266.35	6356020.34	3.811	0	0
126352	385092.48	6356082.41	2.601	2.571	-0.03
126355	385067.75	6356108.04	2.569	2.416	-0.153
126358	385105.6	6356112.75	2.485	2.4	-0.085
126361	384937.09	6356091.6	2.506	2.418	-0.088
126364	384766.84	6356094.42	2.23	2.435	0.205
126367	384493.69	6356262.21	2.899	2.22	-0.679
126370	384457.6	6356270.6	2.544	2.269	-0.275
126373	385375.97	6355973.23	5.822	0	0
126376	385437.65	6356118.77	3.127	3.07	-0.057
126379	385478.17	6356163.35	2.637	2.744	0.107
126382	385571.06	6356176.76	2.451	2.734	0.283
126385	385631.08	6356188.37	2.43	2.73	0.3

126388	385376.01	6356174.09	2.702	0	0
126392	385657.75	6356140.35	3.351	0	0
126397	385954.4	6356208.74	2.199	2.024	-0.175
126398	386190.11	6356185.22	2.26	2.182	-0.078
126401	386032.68	6356274.33	2.345	0	0
126404	385877.38	6356266.69	2.42	0	0
126406	385174.46	6356263.75	2.145	0	0
126411	385388.57	6356244.95	2.889	2.194	-0.695
126414	385309.76	6356138.56	2.451	0	0
133993	384100.15	6355415.24	3.374	3.383	0.009
133997	384150.24	6355215.27	3.431	3.433	0.002
134000	383687.52	6355255.51	4.37	4.431	0.061
134013	383654.18	6355312.96	4.563	4.452	-0.111
134016	382970.9	6355786.42	5.556	5.492	-0.064
134019	383000.75	6355755.01	5.413	5.475	0.062
134022	383037.16	6355803.49	5.502	5.469	-0.033
134035	383190.03	6355615.66	5.506	5.408	-0.098
134038	383085.6	6355738.2	5.505	5.437	-0.068
134042	383203.86	6355586.05	5.433	0	0
134057	382954.35	6355515.68	5.349	5.705	0.356
134060	382945.97	6355484.29	5.714	5.743	0.029
134073	382995.32	6355510.7	5.668	5.663	-0.005
134075	383010.71	6355457.96	5.643	5.682	0.039
134079	383027.87	6355517.03	5.545	5.648	0.103
134082	382678.53	6355372.26	6.222	6.233	0.011
134093	382708.04	6355595.31	5.948	0	0
134094	382715.12	6355619.8	5.734	0	0
134095	382168.04	6355175.74	6.53	6.615	0.085
134098	382068.02	6355205.03	6.921	6.63	-0.291
134102	382024.79	6355239.13	6.769	6.64	-0.129
134105	382032.86	6355148.81	6.631	6.663	0.032
134108	382005.07	6355189.14	6.692	6.661	-0.031
134111	381952.36	6355252.56	6.676	6.66	-0.016
134113	381948.33	6355237.23	6.526	6.66	0.134
134117	381912.64	6355250.75	6.55	6.664	0.114
134119	381931.42	6355215.99	6.655	6.664	0.009
134121	381958.64	6355170.38	6.67	6.664	-0.006
134123	381892.38	6355293.62	6.634	6.664	0.03
134127	381963.2	6355365.06	6.633	6.627	-0.006
134130	384257.47	6355161.81	3.481	3.398	-0.083
141805	384100.31	6354844.31	5.727	5.611	-0.116
141808	384076.53	6354809.8	5.635	5.761	0.126
141811	384140.47	6354845.72	5.46	5.568	0.109
141814	384144.29	6354968.55	5.42	5.532	0.112
141817	384205.83	6354945.84	5.442	5.527	0.085
141820	384094.05	6354922.66	5.555	5.565	0.01
141823	383994.02	6354904.85	5.811	5.656	-0.154
141826	383990.57	6354935.7	5.673	5.665	-0.008
141829	383922.04	6355012.71	5.835	5.681	-0.153
141832	384056.72	6354988.14	5.703	5.636	-0.067

141835	384055.31	6354952.87	5.586	5.611	0.025
141838	383940.51	6354833.69	5.825	5.755	-0.07
141841	383962.09	6354800.62	5.814	5.816	0.002
141844	383991.31	6354809.21	5.791	5.787	-0.004
141847	384060.28	6354831.69	5.658	5.751	0.094
141850	383834.32	6354853.65	5.74	5.824	0.084
141853	383801.62	6354857.81	5.795	5.825	0.03
141856	383743.79	6354873.74	5.889	5.831	-0.058
141859	383836.58	6355053.54	5.662	5.624	-0.038
141862	383869.81	6355056.79	5.61	5.642	0.032
141865	383905.03	6355141.13	4.26	4.6	0.34
141868	383868.47	6355153.46	4.419	4.13	-0.289
141871	384413.3	6354859.79	4.013	3.688	-0.326
141874	384455.99	6354879.03	3.547	3.674	0.127
141877	384444.68	6354912.39	3.727	3.666	-0.062
141880	384436.93	6354906.16	3.936	3.662	-0.275
141883	384442.37	6354790.29	4.089	3.932	-0.158
141886	384404.54	6354807.77	4.146	4.072	-0.074
141889	384466.6	6354833.18	3.964	3.789	-0.175
141892	384502.36	6354845.52	4.093	3.86	-0.233
141896	384360.51	6354950.53	3.707	3.631	-0.076
141898	384275.46	6354892.24	4.664	4.644	-0.02
141901	384070.76	6354680.33	4.728	0	0
141904	384108.31	6354654.68	4.991	4.454	-0.538
141907	384400.72	6354753.92	4.245	3.949	-0.297
141910	384409.8	6354688.29	4.371	4.067	-0.305
141913	384353.57	6354695.34	4.294	4.065	-0.23
141916	384302.84	6354701.17	4.326	4.147	-0.18
141919	384354.4	6354741.35	4.287	3.953	-0.335
141924	384270.57	6354749.78	4.451	4.037	-0.42
141952	384462.4	6354930.01	3.689	3.666	-0.023
141955	384447.94	6354979.02	3.657	3.636	-0.021
141958	384430.78	6354992.7	3.669	3.632	-0.037
141960	384445.5	6355041.58	3.691	3.634	-0.057
141963	384384.71	6355038.53	3.769	3.584	-0.185
141966	384326.57	6355091.32	3.578	3.433	-0.146
141967	384326.41	6355090.72	3.582	3.433	-0.15
141971	384302.04	6355120.16	2.808	3.424	0.616
141974	384232.39	6355184.4	3.11	3.395	0.285
141976	384338.33	6355166.64	3.404	3.425	0.021
141977	384338.34	6355166.7	3.403	3.425	0.022
141981	384297.47	6355193.62	3.224	3.398	0.174
141983	384383.33	6355188.83	3.592	3.423	-0.169
141988	384383.8	6355380.5	3.336	3.383	0.047
141990	384434.85	6355447.14	3.451	3.383	-0.068
141992	384410.1	6355373.01	3.488	3.383	-0.105
141996	384394.7	6355333.97	3.455	3.383	-0.072
141998	384697.65	6355207.91	5.342	5.351	0.009
142001	384654.23	6355183.12	5.35	5.199	-0.151
142005	384642.91	6355219.84	5.255	5.021	-0.234

142008	384622.44	6355234.92	5.323	5.016	-0.306
142011	384571.11	6355240.87	5.56	4.473	-1.087
142014	384740.6	6355259.27	6.122	5.627	-0.495
142017	384789.45	6355293.54	6.301	0	0
142019	385342.38	6355896.33	7.44	7.438	-0.002
142022	385296.31	6355803.56	8.501	8.507	0.006
142025	385281.12	6355772.34	8.377	0	0
142028	385223.81	6355733.37	7.968	7.918	-0.05
142031	385168.18	6355663.94	7.81	7.749	-0.061
142034	385189.26	6355807.45	7.027	6.88	-0.147
142037	385217.93	6355696.38	7.961	7.839	-0.122
142040	385175.39	6355640.27	7.907	7.844	-0.063
142043	385152.16	6355640.3	7.768	0	0
142046	385102.3	6355703.87	6.654	6.619	-0.035
142049	385198.58	6355584.46	8.994	8.851	-0.143
142052	385219.85	6355615.08	8.611	8.513	-0.098
142055	385225.55	6355607.14	8.739	8.518	-0.221
142061	385078.77	6355696.27	6.417	6.238	-0.179
142064	385072.32	6355746.02	6.44	6.228	-0.212
142067	385039.65	6355694.74	6.079	6.142	0.063
142072	385004.75	6355656.29	5.921	6.142	0.221
142076	385019.06	6355738.42	5.911	6.144	0.233
142079	384981.11	6355701.77	6.179	6.142	-0.037
142081	384974.27	6355693.76	5.921	6.142	0.221
142083	384941.57	6355651.36	5.915	6.14	0.225
142086	384913.75	6355640.56	5.901	6.138	0.237
142090	384819.35	6355567.19	5.636	5.673	0.037
142093	384793.11	6355611.9	5.367	5.651	0.284
142096	384793.88	6355573	5.402	5.67	0.268
142099	384742.26	6355585.96	4.611	5.26	0.649
142102	384748.57	6355552	4.546	5.262	0.716
142105	384764.97	6355490.16	5.73	5.89	0.16
142108	384853.6	6355560.73	5.802	5.769	-0.033
142111	384884.15	6355396.51	6.772	6.87	0.098
142114	384828.91	6355497.79	5.945	5.75	-0.195
142117	384847.09	6355512.37	5.736	5.749	0.013
142120	384933.04	6355522.4	6.899	6.999	0.1
142122	384911.75	6355590.46	5.833	6.07	0.237
142125	384886.93	6355258.4	6.731	6.893	0.162
142128	384843.79	6355228.2	6.475	6.45	-0.025
142131	384808.46	6355185.4	6.711	6.503	-0.208

Flood_Data	Easting	Northing	Flood_Level (mAHD)	Modelled (mAHD)	Diff_02 (m)
cc011	370263.47	1353292.78	9.83	9.585	-0.245
cc012	370346.57	1353311.56	8.56	8.616	0.056
cc016	370331.21	1353341.2	8.56	8.671	0.111
cc021	371248.67	1353740.51	3.59	3.37	-0.22
cc022	370679.82	1353182.03	5.89	6.31	0.42
cc058a	370673.7	1353292.4	5.24	5.531	0.291
cc076	370305.29	1353579.78	6.74	6.51	-0.23
cc087	370648.68	1353295.96	5.65	5.531	-0.119
cc102	371215.72	1353651.82	4.26	0	0
cc1040	371688.54	1354600.69	4.79	5.06	0.27
cc1076	369277.03	1353504.78	19.72	20.034	0.314
cc2000	370644.32	1353299.42	5.36	5.531	0.171
cc2002	370649.22	1353316.51	5.21	5.53	0.32
cc2004	370673.43	1353291.51	5.14	5.531	0.391
cc2008	371221.33	1353745.46	3.56	3.28	-0.28
cc2012	369120.73	1353008.94	60.28	0	0
cc2014	368208.07	1352714.83	72.75	0	0
cc2016	368188.21	1352716.27	75.19	0	0
cc2021	369679.68	1352992	38.75	0	0
cc2023	369777.29	1353275.83	21.75	0	0
cc2027	370209.93	1353718.87	7.25	0	0
cc2040	370334.17	1353336.02	8.6	8.68	0.08
cc3010	369295.16	1353535.65	19.32	19.69	0.37
cc3012	369295.16	1353535.65	19.44	19.69	0.25
cc503	369345.98	1353565.07	19.2101	18.798	-0.412
cc602	370566.34	1354935.48	3.69887	3.882	0.183
cc809	370135.42	1355400.76	6.02197	6.034	0.012
tc008a	367120.79	1354674.86	12.704	12.921	0.217
tc1014	366646.88	1354132.72	18.6778	19.375	0.697
tc1016	366399.86	1355235.45	20.611	20.561	-0.05
tc1017a	366394.06	1355220.3	19.738	20.567	0.829
tc1101	368544.95	1356210.94	5.42	5.829	0.409
tc1207a	367758.7	1356341	8.507	8.387	-0.12
tc1210	367034.79	1354801.99	12.624	12.794	0.17
tc1303	366918.17	1354796.67	13.862	13.766	-0.096
tc1304a	366982.11	1354794.03	12.972	12.99	0.018
tc1304b	367063.09	1354688.25	13.152	13.166	0.014
tc1306	367057.26	1354754.31	12.683	12.926	0.243
tc1306a	367080.26	1354749.34	12.688	12.812	0.124
tc1307	366654.81	1354773.35	14.615	14.652	0.037
tc1308	366976.06	1354998.99	12.886	12.921	0.035
tc1514	368106.7	1358337.04	7.087	0	0
tc1521	369470.58	1355206.82	5.636	6.118	0.482
tc1526	367589.43	1354247.86	11.284	11.74	0.456
tc1601	369577.11	1357630.29	2.436	2.478	0.042
tc1604	369082.98	1357553.78	2.577	3.494	0.917
tc1702	366467.01	1353520.76	23.5289	24.311	0.782
tc203	367650	1356353.74	8.154	8.405	0.251
tc207b	367659.69	1356203.25	8.033	8.414	0.381

tc214	367671.46	1356337.23	8.61	8.399	-0.211
tc218	367676.66	1356368.55	7.978	8.395	0.417
tc219	367563	1356188.98	7.785	8.422	0.637
tc304	367093.4	1354528.16	13.606	13.691	0.085
tc305	367067.39	1354510.84	13.743	13.821	0.078
tc305a	367063.93	1354501.2	13.815	13.841	0.026
tc308	366398.22	1354065.07	20.1626	0	0
tc404b	367625.96	1356114.24	8.31	8.421	0.111
tc416	369932.61	1358374.55	7.323	0	0
tc601	366822.01	1354457.07	15.726	15.5	-0.226
tc604	366936.93	1354774.75	13.828	13.859	0.031
tc702a	368224.09	1358399.07	5.713	5.928	0.215
tc707	368287.78	1358394.64	5.803	5.87	0.067
tc707a	368307.03	1358361.59	5.873	5.681	-0.192
tc707b	368256.48	1358388.75	5.68	5.885	0.205
tc708a	368331.5	1358397.33	5.52	5.579	0.059
tc711	370324.75	1356082.5	1.521	1.518	-0.003
tc713	367070.2	1354790.49	12.474	12.797	0.323
tc717	366825.78	1354907.29	13.597	13.786	0.189
tc725	366582.79	1354351.36	16.827	17.114	0.287
tc725a	366601.96	1354367.1	16.684	17.014	0.33
tc725c	366560.51	1354289.12	17.394	17.692	0.298
tc729	366661.95	1354509.03	15.868	16.137	0.269
tc735	367350.3	1358033.34	24.842	0	0
tc743	367469.1	1355426.16	9.344	9.709	0.365
tc744	364874.3	1352675.01	37.549	37.777	0.228
tc748	367348.62	1355582.67	8.957	9.39	0.433
tc750	367314.1	1354898.01	10.716	11.118	0.402
tc751	367363.78	1355037.1	10.054	10.575	0.521
tc752	367355.14	1355053.99	10.064	10.563	0.499
tc767	365510.22	1353451.44	29.4375	29.863	0.425
tc768	366048.91	1353658.04	23.0302	23.174	0.144
tc769	366021.95	1353605.15	22.8763	24.158	1.282
tc771	365477.87	1353448.98	29.6483	29.858	0.21
tc772	365385.18	1353469.76	30.2924	30.361	0.069
tc774	365172.51	1353476.73	32.4104	32.706	0.296
tc781	365221.55	1353471.96	32.281	32.426	0.145
tc782	367394.53	1355767.39	8.102	8.672	0.57
tc787	367539.39	1354256.14	11.553	11.734	0.181
tc799b	367143.94	1354840.84	12.062	12.292	0.23
tc804a	368849.22	1355721.25	5.254	5.312	0.058
tc902	366502.97	1355128.99	18.742	18.553	-0.189

Flood_Data	Easting	Northing	Flood_Level (mAHD)	Modelled (mAHD)	Diff_02 (m)
cc058	370673.7	1353292.4	5.24	5.118	-0.122
cc082	369967.62	1353778.33	9.46	9.5	0.04
cc2006	371169.91	1353550.67	5.4	0	0
cc2017	368113.57	1353057.18	82.51	0	0
cc804	370217.79	1354071.77	5.36	5.189	-0.171
OT001	360500.54	1368648.85	8.201	0	0
tc006	367646.91	1356388.16	8.342	8.039	-0.303
tc006a	367636.32	1356379.78	8.284	8.047	-0.237
tc007	367207.97	1356584.67	12.223	11.907	-0.316
tc010	366596.24	1356110.73	10.206	10.17	-0.036
tc012	367243.17	1355937.97	8.302	8.223	-0.079
tc017	366992.16	1354519.92	14.645	14.29	-0.355
tc017a	366861.89	1354483.47	15.343	15.437	0.094
tc019	367224.15	1356654.28	12.582	12.204	-0.378
tc021	367664.22	1356342.06	8.618	7.97	-0.648
tc1013	366796.41	1354430.36	15.934	16.077	0.143
tc1013a	366788.2	1354449.07	15.849	15.882	0.033
tc1017	366394.53	1355223.48	20.803	20.328	-0.475
tc1018	367631.21	1356279.21	8.112	7.966	-0.146
tc102	368070.44	1357981.26	6.408	6.493	0.085
tc103	368144.14	1357964.47	6.295	5.957	-0.338
tc104	368243.45	1357898.35	6.095	5.54	-0.555
tc105	367188.67	1356816.63	14.231	13.86	-0.371
tc106	367990.53	1358895.58	10.108	0	0
tc108	368405.07	1358394.03	5.184	4.917	-0.267
tc109	367788.28	1359229.91	15.652	15.061	-0.591
tc110	367882.34	1359238.34	15.569	0	0
tc112	368364.99	1359622.69	10.733	0	0
tc1205	367386.98	1355514.13	9.797	9.241	-0.556
tc1207	367758.7	1356341	8.606	7.963	-0.643
tc1302a	366084.43	1355095.96	24.336	24.529	0.193
tc1304	366932.71	1354834.36	13.528	12.975	-0.553
tc1304c	367050.23	1354677.33	13.243	13.197	-0.046
tc1308a	367025.17	1354984.71	12.386	12.5	0.114
tc1308b	367037.74	1355005.39	12.31	12.416	0.106
tc1602	368608.69	1357420.38	4.865	0	0
tc1603	368613.64	1357456.77	5.005	0	0
tc1605	369287.18	1357741.83	2.756	0	0
tc1643	367590.38	1356123.79	8.1	7.979	-0.121
tc1644	367635.57	1356171.8	8.1	0	0
tc1645	367581.82	1356194.17	8.1	7.977	-0.123
tc1646	367537.83	1356224.46	8.1	7.977	-0.123
tc1647	367644.53	1356208.4	8.1	7.967	-0.133
tc1648	367658.75	1356230.63	8	7.967	-0.033
tc1649	367679.41	1356264.15	7.9	7.966	0.066
tc1650	367697.41	1356301.68	8	7.966	-0.034
tc1651	367700.5	1356311.99	8	7.966	-0.034
tc1652	367716.47	1356346.22	8.3	7.965	-0.335
tc1653	367720.76	1356386.84	8	7.977	-0.023

tc1654	367689.5	1356368.73	8.3	7.969	-0.331
tc1655	367661.95	1356355.92	8.3	8.019	-0.281
tc1656	367647.84	1356349.02	8.3	8.041	-0.259
tc1657	367562.79	1356299.95	8.5	0	0
tc1658	367616.26	1356285.58	8	7.971	-0.029
tc1659	367591.28	1356255.75	8.3	0	0
tc1660	367537.58	1356285.79	8.5	0	0
tc1679	367638.21	1356398.62	8.3	8.04	-0.26
tc1683	367581.84	1356363.85	8.2	0	0
tc1684	367573.51	1356352.4	8.2	8.171	-0.029
tc204	367661.9	1356334.39	8.086	7.969	-0.117
tc207a	367722.89	1356346.52	8.092	7.965	-0.127
tc215	367698.03	1356353.78	8.198	7.965	-0.233
tc220	367597.97	1356194.77	7.967	7.977	0.01
tc404	367153.91	1356440.85	11.285	0	0
tc404a	367170.9	1356432.24	10.825	0	0
tc701	368229.97	1358424.75	5.811	5.648	-0.163
tc702	368223.96	1358398.65	5.92	5.604	-0.316
tc708	368331.51	1358397.23	5.703	5.099	-0.604
tc712	366484.5	1357414.62	27.234	26.371	-0.863
tc732	366690.77	1357453.33	28.506	0	0
tc733	366625.35	1357390.96	26.52	0	0
tc733a	366603.96	1357341.51	25.47	0	0
tc734	367355.07	1358007.85	24.463	0	0
tc737	367359.43	1355512.16	8.98	9.245	0.265
tc740	366692.62	1356032.43	9.607	9.609	0.002
tc741	366737.61	1356013.74	9.495	9.271	-0.224
tc749	366479.65	1356061.83	11.556	11.571	0.015
tc756	366060.81	1356249.89	21.249	0	0
tc759	366077.89	1354407.37	22.22	0	0
tc760	367040.03	1353200.45	28.351	28.096	-0.255
tc761	366302.93	1354344.43	20.018	19.721	-0.297
tc762	367223.05	1356710.98	12.852	12.82	-0.032
tc764(1)	367220.81	1356589.05	11.859	11.894	0.035
tc764(2)	367220.82	1356589.04	12.104	11.894	-0.21
tc765	367185.33	1356579.41	12.214	11.91	-0.304
tc765a	367185.28	1356579.36	11.795	11.91	0.115
tc766	367203.48	1356627.86	12.322	12.195	-0.127
tc775	365514.04	1353478.2	29.2392	29.695	0.456
tc776	365512.73	1353492.17	29.59	29.671	0.081
tc777	365294.91	1353556.45	31.361	0	0
tc783	366786.73	1355156.56	15.444	14.088	-1.356
tc793	366806.54	1356971.72	18.584	0	0
tc794	367391.21	1356539.13	10.311	10.28	-0.031
tc798	367146.2	1356415.2	11.365	0	0