

Net Rank	Opr Rank	Rank @ REG	REG	Team	OPR	SAA	Net	RPI
1	1	1	oc	469	10.2847	-1.09673	11.3814	0.584051
14	2	1	wat	1114	8.26222	3.48145	4.78077	0.290259
38	3	2	wat	2056	7.63855	3.9768	3.66175	0.282473
2	4	1	pit	1114	6.85674	0.490113	6.36662	0.550775
7	5	1	nj	25	6.40161	1.06376	5.33785	0.578686
15	6	1	mi	1718	6.26639	1.50869	4.7577	0.574525
29	7	1	dt	67	6.02809	1.91269	4.1154	0.517533
8	8	1	sj	971	5.89934	0.580361	5.31898	0.572081
4	9	1	da	148	5.7183	0.055821	5.66248	0.552463
19	10	1	gg	67	5.57026	0.981635	4.58863	0.582454
3	11	2	sj	254	5.53159	-0.16575	5.69733	0.564455
16	12	1	va	1676	5.44028	0.739504	4.70078	0.568746
46	13	2	oc	226	5.42148	2.01652	3.40496	0.513281
10	14	1	ca	330	5.36241	0.147881	5.21453	0.583821
17	15	2	ca	1717	5.21803	0.519485	4.69855	0.515175
5	16	1	roc	217	5.17528	-0.46234	5.63762	0.500268
6	17	1	is	2672	5.15794	-0.31316	5.4711	0.209619
25	18	1	mo	1208	5.08203	0.750367	4.33166	0.581913
36	19	1	fl	1592	5.03224	1.24397	3.78827	0.585938
30	20	1	md	1058	4.94857	0.894364	4.05421	0.59505
9	21	1	il	1732	4.94267	-0.35818	5.30085	0.595276
11	22	1	dt1	217	4.914	-0.15342	5.06742	0.562066
63	23	2	il	16	4.81379	1.70929	3.1045	0.547167
54	24	3	il	1625	4.80946	1.53392	3.27554	0.543707
23	25	1	oh	3138	4.7388	0.336343	4.40245	0.52079
12	26	1	hi	359	4.68392	-0.29375	4.97767	0.586991
18	27	3	oc	2137	4.67257	0.047632	4.62494	0.53604
954	28	2	is	3065	4.64326	4.80498	-0.16173	0.256687
35	29	4	oc	33	4.58645	0.787296	3.79915	0.588396
119	30	3	is	3076	4.5224	2.10627	2.41614	0.29231
13	31	1	az	330	4.51239	-0.42299	4.93537	0.537475
124	32	1	pa	365	4.47679	2.13633	2.34046	0.51422
95	33	2	gg	910	4.47131	1.86425	2.60707	0.452124
288	34	1	or	997	4.43994	2.99653	1.44341	0.28693
241	35	2	mi	2771	4.35223	2.74593	1.6063	0.486229
83	36	2	pa	272	4.30398	1.54467	2.75931	0.506473
146	37	3	mi	1918	4.24793	2.07536	2.17257	0.502965
108	38	1	in	1501	4.23496	1.74699	2.48797	0.537004
39	39	1	wi	111	4.15908	0.536159	3.62292	0.515038
184	40	1	ma	3280	4.15687	2.31677	1.8401	0.493054
48	41	2	fl	179	4.13721	0.742135	3.39508	0.561606
486	42	3	wat	3396	4.12098	3.31534	0.805642	0.220243
59	43	3	ca	233	4.11485	0.910854	3.204	0.492591
457	44	2	ma	1511	4.07435	3.19242	0.881922	0.443283
61	45	1	ok	2410	4.03371	0.852934	3.18077	0.535411
376	46	4	wat	610	4.00809	2.88679	1.1213	0.228027

55	47	2	oh	1629	4.00129	0.734188	3.2671	0.555041
535	48	4	is	2669	3.99748	3.33581	0.661669	0.303755
50	49	1	gt	1918	3.99243	0.647429	3.345	0.47961
26	50	4	ca	294	3.99058	-0.33109	4.32167	0.515722
75	51	2	roc	145	3.94953	1.06879	2.88074	0.488137
53	52	1	ny	341	3.94638	0.666844	3.27953	0.461062
87	53	1	co	1592	3.93519	1.26318	2.67201	0.204216
179	54	2	dt	27	3.9124	2.04036	1.87204	0.503508
60	55	1	kc	1625	3.89031	0.699661	3.19064	0.520418
77	56	3	fl	1065	3.88558	1.04967	2.83592	0.533653
22	57	2	hi	368	3.86342	-0.63682	4.50024	0.613771
32	58	2	da	2016	3.8546	-0.09599	3.95059	0.538641
110	59	5	is	1662	3.84755	1.37387	2.47368	0.148663
67	60	3	gg	2619	3.8276	0.763359	3.06424	0.524382
24	61	1	wa	3221	3.79352	-0.56985	4.36337	0.592164
135	62	2	mo	2775	3.78752	1.52192	2.2656	0.500394
28	63	6	is	1573	3.78639	-0.3303	4.11669	0.259259
44	64	2	wi	2481	3.78136	0.343043	3.43831	0.578404
894	65	7	is	1578	3.75233	3.8	-0.04767	0.317644
45	66	3	pa	2753	3.75128	0.316224	3.43505	0.586156
127	67	3	oh	1038	3.74453	1.43778	2.30676	0.551998
181	68	2	pit	63	3.73983	1.88793	1.8519	0.507334
27	69	2	in	868	3.73893	-0.48716	4.22609	0.524444
41	70	5	oc	3302	3.7353	0.160311	3.57499	0.552674
33	71	2	az	987	3.72889	-0.21342	3.94231	0.560345
299	72	5	ca	687	3.72056	2.32024	1.40032	0.455954
89	73	3	roc	1551	3.69809	1.03653	2.66156	0.510878
31	74	4	pa	56	3.67647	-0.31436	3.99083	0.560161
42	75	4	il	111	3.63296	0.070486	3.56247	0.531496
64	76	1	li	271	3.60465	0.500239	3.10441	0.516767
62	77	2	kc	2345	3.59957	0.43936	3.16021	0.563158
153	78	5	il	2949	3.59447	1.482	2.11247	0.503116
244	79	2	va	293	3.58756	1.98546	1.60211	0.443202
102	80	3	in	45	3.51285	0.964387	2.54846	0.484501
66	81	2	nj	303	3.49635	0.410396	3.08596	0.545225
21	82	6	oc	573	3.49594	-1.00763	4.50356	0.530463
58	83	3	kc	234	3.48699	0.265035	3.22196	0.483768
175	84	4	mi	3234	3.42598	1.48879	1.93719	0.503773
132	85	3	mo	1806	3.40178	1.12605	2.27573	0.522113
203	86	3	va	1086	3.39936	1.61527	1.78409	0.416475
20	87	4	fl	103	3.38683	-1.15054	4.53737	0.563721
144	88	5	mi	2645	3.37187	1.15815	2.21372	0.542753
363	89	4	oh	291	3.34462	2.18271	1.16192	0.515518
52	90	2	li	358	3.34327	0.031176	3.31209	0.554932
459	91	2	or	753	3.34224	2.47152	0.870711	0.232074
47	92	8	is	1954	3.33099	-0.0688	3.39979	0.277778
79	93	4	kc	525	3.307	0.496014	2.81099	0.497393

160	94	4	gg	33	3.3067	1.25276	2.05393	0.523553
445	95	1	nh	78	3.29053	2.36056	0.929974	0.251497
86	96	6	ca	599	3.28545	0.585519	2.69993	0.506647
138	97	2	ok	1939	3.28002	1.04495	2.23507	0.514522
218	98	5	wat	1305	3.27487	1.58391	1.69096	0.249991
72	99	3	da	1421	3.26029	0.321451	2.93884	0.493123
286	100	3	ma	88	3.24644	1.79863	1.44782	0.501762
73	101	3	li	870	3.24445	0.334098	2.91035	0.499428
93	102	2	wa	2046	3.24265	0.621224	2.62143	0.528421
37	103	7	oc	2145	3.2378	-0.48181	3.71961	0.552245
433	104	3	or	3165	3.2138	2.2572	0.956598	0.252767
303	105	9	is	3406	3.21242	1.82631	1.38611	0.234825
149	106	7	ca	190	3.20196	1.0404	2.16155	0.525191
70	107	4	va	346	3.20131	0.209574	2.99174	0.500454
49	108	5	kc	1763	3.20019	-0.1924	3.39259	0.53206
65	109	3	dt	70	3.19558	0.098636	3.09695	0.533674
176	110	2	nh	126	3.19442	1.26381	1.93061	0.250378
128	111	3	az	359	3.17494	0.873087	2.30185	0.533235
204	112	5	pa	1218	3.17443	1.39966	1.77477	0.504777
423	113	4	ma	2590	3.16207	2.1873	0.974773	0.465609
145	114	5	va	975	3.16036	0.970408	2.18995	0.518907
199	115	6	kc	1094	3.16009	1.36614	1.79395	0.497865
230	116	6	il	2358	3.15563	1.51855	1.63708	0.452995
357	117	10	is	1946	3.15443	1.98257	1.17185	0.219264
80	118	3	ok	935	3.13605	0.348955	2.7871	0.533831
171	119	4	az	3194	3.12516	1.14771	1.97745	0.505736
449	120	3	nh	1922	3.11415	2.2081	0.906048	0.256019
69	121	4	in	234	3.11208	0.083147	3.02894	0.523191
40	122	6	pa	639	3.10738	-0.48567	3.59305	0.538384
167	123	1	dc	1727	3.0765	1.06002	2.01648	0.425994
78	124	3	wa	488	3.07505	0.263491	2.81155	0.522034
109	125	3	wi	1732	3.06306	0.577176	2.48588	0.481436
34	126	8	ca	2496	3.04624	-0.77724	3.82348	0.474556
602	127	4	nh	1519	3.04253	2.52741	0.515118	0.218148
776	128	6	wat	1310	3.02715	2.86233	0.164813	0.212661
624	129	6	mi	107	3.027	2.57581	0.451197	0.525748
237	130	7	pa	341	3.02322	1.41067	1.61255	0.594277
115	131	5	ma	2084	3.02265	0.578864	2.44378	0.489797
81	132	3	sj	192	3.00805	0.236194	2.77186	0.509101
51	133	2	ny	2836	3.00438	-0.31619	3.32057	0.436756
201	134	4	li	287	2.99774	1.21101	1.78673	0.501402
429	135	2	co	1245	2.97177	2.01139	0.960385	0.130759
68	136	5	fl	86	2.95725	-0.09455	3.05179	0.579361
515	137	5	nh	562	2.95565	2.23114	0.724511	0.2249
367	138	4	wi	1714	2.92616	1.78238	1.14378	0.47133
168	139	5	gg	27	2.91465	0.909828	2.00482	0.507983
94	140	5	li	514	2.91354	0.296147	2.61739	0.53355

614	141	11	is	2215	2.89697	2.41225	0.484721	0.278839
74	142	6	gg	703	2.894	0.013154	2.88085	0.524196
112	143	2	md	1629	2.88016	0.419377	2.46079	0.497361
196	144	6	ma	69	2.88001	1.07855	1.80146	0.508403
451	145	4	da	704	2.87963	1.97552	0.904107	0.472008
161	146	4	wa	2557	2.87915	0.843611	2.03554	0.472051
270	147	4	dt	51	2.87845	1.37169	1.50677	0.4773
56	148	3	pit	1279	2.87726	-0.3882	3.26546	0.513388
516	149	5	wi	2062	2.87445	2.15208	0.722367	0.445013
232	150	8	pa	103	2.85869	1.23052	1.62817	0.50365
76	151	2	dt1	1718	2.83072	-0.03177	2.8625	0.498539
342	152	7	mi	703	2.81499	1.58283	1.23216	0.500873
147	153	4	pit	3138	2.80904	0.64096	2.16808	0.489084
71	154	1	la	2078	2.79725	-0.17577	2.97302	0.478362
408	155	8	oc	3119	2.78945	1.75419	1.03526	0.468564
243	156	6	va	3136	2.7726	1.16685	1.60576	0.519452
713	157	9	oc	217	2.7685	2.48826	0.280242	0.509666
111	158	6	fl	1345	2.76322	0.294283	2.46894	0.534846
210	159	7	fl	386	2.75877	1.01765	1.74112	0.49888
106	160	6	li	2849	2.75474	0.248501	2.50624	0.527349
133	161	7	va	617	2.74308	0.474537	2.26854	0.495647
261	162	7	kc	16	2.74039	1.19523	1.54515	0.460308
190	163	5	dt	201	2.72529	0.90311	1.82218	0.482198
139	164	7	ma	383	2.72133	0.492641	2.22869	0.506461
729	165	7	wat	1503	2.71483	2.47099	0.243832	0.234226
1033	166	8	wat	1535	2.70175	2.99657	-0.29482	0.225876
116	167	4	sj	100	2.67635	0.235263	2.44109	0.482531
114	168	2	gt	2771	2.67539	0.222535	2.45285	0.453566
1848	169	12	is	1836	2.67491	7.69874	-5.02382	0.218364
178	170	3	ny	527	2.6709	0.793124	1.87778	0.398127
92	171	4	mo	1288	2.65941	0.023481	2.63593	0.493787
164	172	8	ma	2043	2.6467	0.61904	2.02766	0.482475
488	173	8	va	620	2.64389	1.84108	0.802812	0.436349
298	174	5	pit	451	2.64083	1.22582	1.41501	0.472645
878	175	9	wat	1334	2.63294	2.63291	3.02E-05	0.201408
84	176	10	oc	2612	2.63041	-0.10202	2.73243	0.543308
205	177	3	nj	1676	2.62786	0.859518	1.76834	0.460049
277	178	6	wi	2574	2.62504	1.14951	1.47553	0.501821
338	179	5	mo	1098	2.6249	1.3727	1.2522	0.526889
208	180	1	sc	1772	2.62309	0.868675	1.75441	0.451019
355	181	4	or	1540	2.62117	1.43894	1.18223	0.258479
514	182	9	va	1262	2.61086	1.87232	0.738542	0.391987
268	183	5	sj	973	2.60626	1.08968	1.51658	0.440727
131	184	2	sc	281	2.60205	0.323994	2.27806	0.521002
379	185	9	pa	816	2.58577	1.47269	1.11308	0.503123
155	186	1	sdc	687	2.5743	0.47007	2.10423	0.54714
427	187	5	oh	2901	2.57273	1.60639	0.966342	0.50613

99	188	9	ca	2637	2.5665	-0.00458	2.57107	0.50758
183	189	4	nj	2180	2.54524	0.698907	1.84633	0.521592
172	190	10	va	339	2.54305	0.567065	1.97599	0.530648
1116	191	10	pa	1391	2.54047	2.9712	-0.43073	0.437604
891	192	5	or	3192	2.53674	2.57121	-0.03447	0.190643
1194	193	11	oc	308	2.5231	3.10868	-0.58558	0.46813
545	194	8	fl	69	2.51997	1.88496	0.63501	0.500446
400	195	10	ca	1388	2.51182	1.44952	1.0623	0.507008
317	196	6	dt	1	2.50847	1.19563	1.31285	0.41031
364	197	3	hi	2437	2.50782	1.34858	1.15923	0.483074
601	198	8	mi	1243	2.50758	1.98461	0.522962	0.45403
186	199	3	dt1	469	2.49916	0.661168	1.83799	0.42453
273	200	7	li	1626	2.49898	1.00858	1.4904	0.518758
101	201	5	da	456	2.49886	-0.05256	2.55143	0.442087
289	202	1	ga	1466	2.49367	1.05074	1.44293	0.233228
378	203	4	roc	1507	2.47902	1.36329	1.11574	0.468735
126	204	8	kc	1810	2.47716	0.154489	2.32267	0.510429
389	205	7	wi	1716	2.47645	1.39768	1.07876	0.492597
960	206	13	is	2212	2.46678	2.63632	-0.16954	0.176505
1145	207	12	oc	2586	2.46118	2.94676	-0.48558	0.492127
313	208	2	sdcc	1388	2.45582	1.10268	1.35314	0.490507
336	209	4	ny	2344	2.44795	1.19167	1.25628	0.405506
333	210	6	sj	3129	2.44757	1.18075	1.26682	0.481167
165	211	5	nj	2495	2.44574	0.418879	2.02686	0.515741
140	212	2	la	1912	2.43885	0.21497	2.22388	0.481608
469	213	4	dt1	226	2.429	1.58277	0.846233	0.4184
162	214	5	wa	1983	2.42892	0.393481	2.03544	0.507245
229	215	2	dc	339	2.42482	0.781135	1.64368	0.489146
130	216	3	sdcc	359	2.42322	0.143583	2.27963	0.534331
129	217	5	az	1212	2.42078	0.136033	2.28475	0.475167
345	218	9	fl	343	2.414	1.19305	1.22095	0.520403
324	219	8	wi	3362	2.41309	1.11759	1.29551	0.475853
405	220	3	co	1158	2.40899	1.37015	1.03883	0.168148
455	221	3	md	365	2.4077	1.5201	0.887601	0.525653
104	222	5	ny	522	2.40426	-0.11371	2.51797	0.466332
249	223	7	sj	604	2.39913	0.810983	1.58814	0.454408
82	224	6	ny	3308	2.39135	-0.37205	2.76339	0.388703
647	225	9	mi	3357	2.38804	1.96479	0.423241	0.452993
551	226	6	oh	93	2.38416	1.76658	0.617582	0.47488
872	227	7	dt	2834	2.38387	2.37967	0.004199	0.43653
121	228	8	li	1606	2.38081	-0.00192	2.38273	0.516208
122	229	5	dt1	308	2.37869	0.007258	2.37143	0.437532
473	230	11	ca	3021	2.37686	1.54169	0.835172	0.455968
207	231	4	hi	2090	2.37398	0.619397	1.75458	0.491033
227	232	3	la	1421	2.37322	0.723681	1.64954	0.449733
786	233	8	dt	123	2.36604	2.21397	0.152068	0.447251
136	234	6	az	2226	2.36557	0.115753	2.24982	0.505495

381	235	11	va	1731	2.3642	1.2718	1.09239	0.490863
223	236	8	sj	1868	2.36244	0.703184	1.65926	0.501083
113	237	9	wi	706	2.3505	-0.10746	2.45795	0.546167
388	238	6	nh	1073	2.34926	1.26971	1.07956	0.270054
481	239	9	ma	1922	2.33957	1.51621	0.823356	0.39538
226	240	3	sc	1379	2.33651	0.680894	1.65561	0.528836
295	241	6	wa	2910	2.32864	0.896996	1.43164	0.550583
625	242	11	pa	1143	2.32742	1.87633	0.451089	0.485762
294	243	10	fl	1902	2.3262	0.893034	1.43317	0.449398
134	244	7	oh	3010	2.32612	0.058691	2.26743	0.508873
90	245	6	nj	2016	2.31726	-0.34177	2.65903	0.445842
474	246	12	pa	2729	2.31576	1.48277	0.832995	0.536174
189	247	7	nj	870	2.30603	0.480363	1.82566	0.442619
187	248	4	sd	1538	2.30224	0.468285	1.83395	0.497043
300	249	3	dc	2912	2.30004	0.90139	1.39866	0.495415
291	250	11	fl	1612	2.2989	0.864216	1.43469	0.546353
177	251	5	in	1018	2.29495	0.395438	1.89951	0.523912
382	252	6	pit	2051	2.29383	1.20708	1.08674	0.447605
310	253	8	nj	56	2.28747	0.926848	1.36062	0.419475
193	254	4	md	1517	2.27825	0.464318	1.81393	0.525541
385	255	5	roc	188	2.27726	1.19447	1.08279	0.427204
322	256	5	md	2528	2.27074	0.973273	1.29747	0.498212
485	257	7	il	2338	2.27049	1.46472	0.805766	0.438133
411	258	6	in	292	2.26895	1.24451	1.02444	0.466304
282	259	9	nj	422	2.25485	0.791789	1.46306	0.473346
438	260	7	gg	201	2.2527	1.30569	0.947013	0.490938
585	261	2	ga	34	2.24746	1.70343	0.544036	0.233186
424	262	7	nh	151	2.24712	1.2759	0.971213	0.217091
394	263	5	sd	599	2.24032	1.16655	1.07377	0.512814
541	264	9	dt	245	2.2325	1.58231	0.650184	0.476533
766	265	10	wi	537	2.22607	2.05151	0.174566	0.462428
347	266	7	ny	354	2.22237	1.01222	1.21014	0.428199
274	267	4	la	2992	2.21542	0.731996	1.48342	0.438057
163	268	6	md	768	2.20396	0.170049	2.03391	0.492178
1161	269	6	roc	2852	2.20182	2.71609	-0.51428	0.373956
141	270	5	la	1927	2.20053	-0.02301	2.22354	0.474537
279	271	11	wi	2194	2.19941	0.729842	1.46957	0.447113
413	272	8	nh	238	2.19536	1.17615	1.0192	0.236073
278	273	4	co	2261	2.19488	0.721085	1.47379	0.133054
330	274	6	mo	501	2.19364	0.920739	1.2729	0.531484
370	275	13	oc	216	2.1896	1.05432	1.13528	0.45922
258	276	3	gt	2645	2.18591	0.63679	1.54912	0.472562
245	277	14	is	3075	2.18409	0.585271	1.59882	0.225437
256	278	4	sc	2815	2.1764	0.616557	1.55984	0.523964
349	279	6	sd	100	2.17076	0.966757	1.204	0.519642
220	280	10	wat	2200	2.16915	0.481283	1.68787	0.203504
151	281	7	in	1024	2.16892	0.014715	2.15421	0.466017

264	282	6	or	2910	2.16834	0.633122	1.53522	0.288289
236	283	4	dc	346	2.16695	0.554389	1.61256	0.461348
98	284	12	fl	1649	2.16378	-0.40972	2.5735	0.526357
350	285	13	fl	945	2.15929	0.957908	1.20138	0.502232
437	286	5	sc	1261	2.15732	1.20948	0.947844	0.477163
920	287	10	mi	2474	2.15698	2.25495	-0.09797	0.441911
638	288	7	md	2377	2.15688	1.72438	0.432492	0.479632
311	289	10	dt	1528	2.15587	0.79747	1.3584	0.474992
720	290	15	is	3351	2.1552	1.89842	0.25678	0.299254
143	291	10	nj	1089	2.15381	-0.06564	2.21946	0.501963
368	292	7	mo	1706	2.14921	1.00676	1.14245	0.509431
219	293	8	mo	1182	2.14524	0.455491	1.68975	0.535681
253	294	7	sdc	2543	2.14407	0.578675	1.56539	0.546276
805	295	9	nh	138	2.1363	2.01388	0.12242	0.208449
150	296	9	kc	2894	2.13292	-0.02331	2.15623	0.44289
731	297	8	ny	271	2.13292	1.89153	0.241391	0.38275
1018	298	16	is	1952	2.13086	2.3975	-0.26664	0.166956
946	299	13	pa	3123	2.12934	2.28119	-0.15186	0.451781
285	300	12	wi	3197	2.1273	0.676944	1.45036	0.494353
57	301	8	oh	836	2.12666	-1.11902	3.24568	0.510417
213	302	11	nj	224	2.12647	0.404412	1.72206	0.508704
234	303	6	dt1	2612	2.12588	0.503602	1.62227	0.480982
1006	304	10	nh	1493	2.11567	2.36605	-0.25037	0.224097
695	305	10	ma	229	2.11372	1.80458	0.309137	0.425583
554	306	10	kc	1209	2.11181	1.50229	0.609523	0.47955
655	307	11	mi	288	2.11091	1.7007	0.410208	0.480511
1692	308	17	is	1942	2.10906	4.00162	-1.89256	0.18017
654	309	11	ma	11	2.10898	1.69836	0.410618	0.449115
717	310	8	in	2081	2.10798	1.83702	0.270953	0.486987
259	311	7	roc	1241	2.10718	0.558399	1.54878	0.443747
91	312	12	ma	1757	2.10667	-0.5494	2.65607	0.49294
1242	313	14	pa	204	2.10212	2.77592	-0.6738	0.4284
265	314	11	dt	247	2.09816	0.569019	1.52914	0.45079
1084	315	5	dc	3123	2.09765	2.46998	-0.37233	0.443971
120	316	11	kc	1986	2.09716	-0.31821	2.41536	0.45347
1205	317	11	wat	1000	2.0969	2.70107	-0.60417	0.215747
1027	318	15	pa	433	2.09532	2.38271	-0.2874	0.515689
672	319	9	sj	8	2.09395	1.73883	0.355127	0.480361
1091	320	12	kc	935	2.08987	2.47373	-0.38387	0.467705
255	321	18	is	3385	2.08498	0.52256	1.56242	0.322917
366	322	13	ma	157	2.07573	0.917922	1.15781	0.473927
97	323	14	oc	1250	2.07138	-0.52211	2.59349	0.514374
939	324	3	ga	1746	2.06286	2.18937	-0.12652	0.222063
803	325	6	la	3411	2.05562	1.93206	0.123564	0.387629
180	326	9	mo	3186	2.05146	0.194067	1.85739	0.54051
623	327	7	wa	3049	2.04954	1.58999	0.459552	0.46965
1013	328	16	pa	423	2.04952	2.30775	-0.25823	0.436147

938	329	7	or	2865	2.04549	2.17195	-0.12646	0.199433
166	330	12	ca	968	2.04536	0.025474	2.01989	0.471655
200	331	6	sc	343	2.04533	0.253582	1.79175	0.53792
123	332	9	oh	306	2.04397	-0.31931	2.36328	0.468836
1791	333	15	oc	2048	2.03928	4.68209	-2.64281	0.492096
292	334	8	md	1143	2.03128	0.597119	1.43416	0.470209
480	335	12	mi	2075	2.03028	1.20443	0.825847	0.530853
653	336	11	nh	1517	2.02562	1.61434	0.411282	0.194421
281	337	17	pa	87	2.01976	0.551266	1.46849	0.552255
340	338	6	da	1429	2.01855	0.773964	1.24459	0.539095
945	339	12	wat	3161	2.01605	2.1652	-0.14915	0.215662
509	340	13	kc	1098	2.01238	1.25548	0.756906	0.487891
305	341	9	li	369	2.00487	0.626314	1.37855	0.484239
215	342	6	dc	2377	2.00361	0.296982	1.70663	0.499225
395	343	5	co	399	2.00121	0.927504	1.0737	0.14111
211	344	12	va	134	1.99595	0.258339	1.73761	0.466508
239	345	7	da	1296	1.99455	0.383201	1.61135	0.472718
228	346	8	gg	1	1.99348	0.34703	1.64646	0.465033
1493	347	18	pa	709	1.99219	3.23734	-1.24515	0.482614
401	348	19	pa	486	1.99036	0.928493	1.06187	0.479185
888	349	14	fl	801	1.99003	2.02116	-0.03112	0.448412
550	350	10	li	527	1.98304	1.36521	0.617838	0.497593
914	351	13	wat	2702	1.98124	2.06948	-0.08824	0.221596
761	352	14	ma	246	1.97987	1.79571	0.184161	0.394419
986	353	8	or	948	1.97916	2.20674	-0.22758	0.20957
374	354	11	li	564	1.97874	0.851712	1.12702	0.456324
156	355	8	roc	250	1.9768	-0.12472	2.10152	0.404956
188	356	12	nj	1672	1.97474	0.14566	1.82908	0.442716
523	357	9	or	2471	1.97473	1.26996	0.704775	0.235791
494	358	4	ga	832	1.9726	1.19468	0.777922	0.213339
195	359	9	in	135	1.97236	0.160156	1.81221	0.503337
935	360	15	fl	2425	1.9703	2.09285	-0.12255	0.475432
511	361	20	pa	484	1.96402	1.21674	0.747284	0.488653
436	362	7	az	1633	1.9631	1.01404	0.949055	0.433233
663	363	12	dt	440	1.95658	1.57078	0.385801	0.445287
240	364	13	va	1895	1.95524	0.347673	1.60756	0.479247
627	365	16	fl	1557	1.95257	1.50568	0.446892	0.473086
600	366	8	il	101	1.94874	1.42518	0.523565	0.457954
1423	367	13	nj	486	1.9484	3.00876	-1.06035	0.482502
328	368	8	da	1745	1.9428	0.663229	1.27957	0.487299
540	369	9	il	1000	1.93855	1.28616	0.652399	0.438441
1805	370	19	is	3088	1.93842	4.78228	-2.84386	0.326389
103	371	7	sc	337	1.93353	-0.59875	2.53228	0.542496
169	372	9	md	88	1.9288	-0.06048	1.98927	0.50402
312	373	12	li	1803	1.92502	0.570997	1.35402	0.504496
644	374	10	or	1432	1.92212	1.4944	0.427723	0.212971
502	375	9	gg	51	1.92098	1.15348	0.767497	0.471045



882	376	14	nj	1923	1.91828	1.9224	-0.00411	0.466783
1090	377	11	or	368	1.91453	2.29266	-0.37813	0.23019
854	378	10	sj	670	1.91229	1.88095	0.031339	0.460683
1167	379	9	roc	3173	1.91026	2.43513	-0.52487	0.463609
458	380	5	hi	2438	1.90995	1.0326	0.877348	0.497675
493	381	8	wa	3393	1.90906	1.12729	0.781769	0.454304
85	382	4	gt	2586	1.89898	-0.82945	2.72843	0.470359
315	383	20	is	2630	1.8858	0.535364	1.35044	0.216725
835	384	13	dt	494	1.88385	1.81823	0.065622	0.439849
603	385	10	oh	2010	1.87586	1.36174	0.514113	0.514103
740	386	14	wat	3190	1.87575	1.64584	0.229918	0.205411
867	387	13	wi	1018	1.87491	1.85899	0.015914	0.486125
520	388	13	mi	2611	1.87132	1.15945	0.711869	0.438113
976	389	11	oh	2053	1.86578	2.0679	-0.20212	0.436385
371	390	9	ny	375	1.86201	0.730726	1.13128	0.382254
280	391	4	ok	2352	1.86005	0.390917	1.46914	0.453703
527	392	10	in	2197	1.85815	1.16437	0.693779	0.50948
402	393	21	pa	1647	1.84989	0.802086	1.0478	0.542402
158	394	7	dc	1111	1.84433	-0.2342	2.07852	0.520934
778	395	11	in	3232	1.84184	1.67862	0.163217	0.437785
334	396	10	il	71	1.839	0.574471	1.26453	0.441687
487	397	17	fl	744	1.83611	1.03206	0.804051	0.514185
287	398	11	il	1781	1.83305	0.387139	1.44592	0.456248
1155	399	12	oh	2603	1.83099	2.33339	-0.5024	0.419624
1035	400	10	md	3015	1.8262	2.12268	-0.29648	0.445584
804	401	12	or	8	1.82524	1.70266	0.122584	0.271048
293	402	8	dc	45	1.82326	0.389409	1.43385	0.446269
539	403	12	in	554	1.82236	1.16885	0.653513	0.4273
224	404	13	li	522	1.8208	0.161612	1.65919	0.499653
417	405	7	la	1339	1.82028	0.824204	0.996079	0.407342
962	406	13	or	3145	1.81388	1.98564	-0.17176	0.220411
569	407	10	mo	2838	1.8126	1.23982	0.572784	0.46579
332	408	6	co	2036	1.81243	0.54245	1.26998	0.165678
1295	409	14	va	1033	1.80954	2.58362	-0.77409	0.420399
456	410	8	sc	1225	1.80196	0.917484	0.884474	0.523752
586	411	7	pit	1503	1.80193	1.25927	0.542661	0.494031
496	412	15	nj	219	1.80041	1.02687	0.773544	0.404754
174	413	22	pa	1980	1.80009	-0.16009	1.96018	0.532395
222	414	14	dt	548	1.7979	0.129908	1.66799	0.466855
753	415	16	nj	2590	1.79329	1.59588	0.197412	0.471536
1549	416	15	ma	2877	1.79092	3.18115	-1.39023	0.390363
1310	417	14	or	957	1.79078	2.59858	-0.80781	0.184178
238	418	13	in	2856	1.7905	0.178882	1.61162	0.436836
233	419	10	gg	245	1.78583	0.158649	1.62718	0.493538
884	420	15	dt	815	1.78408	1.79002	-0.00594	0.448943
546	421	16	ma	1559	1.78208	1.14819	0.633895	0.437258
283	422	13	oh	963	1.7787	0.319863	1.45883	0.545225

250	423	8	pit	2809	1.77565	0.191238	1.58441	0.474877
100	424	17	nj	1279	1.76493	-0.79907	2.564	0.532673
435	425	5	ok	1742	1.75488	0.805082	0.949798	0.398084
125	426	9	wa	2915	1.75215	-0.58144	2.3336	0.525506
361	427	6	hi	2348	1.75209	0.587518	1.16457	0.476904
611	428	15	va	614	1.74585	1.2556	0.49025	0.446802
952	429	17	ma	2648	1.74433	1.90209	-0.15776	0.40765
943	430	14	oh	1014	1.73481	1.88224	-0.14743	0.499871
142	431	9	da	3353	1.73242	-0.49084	2.22325	0.520656
152	432	6	ok	2369	1.73225	-0.41112	2.14337	0.500263
392	433	9	sc	2974	1.72991	0.655512	1.07439	0.496687
789	434	18	nj	834	1.72869	1.58199	0.146701	0.434121
613	435	12	nh	20	1.72191	1.2357	0.486206	0.217238
304	436	14	mi	397	1.71867	0.336072	1.3826	0.500601
799	437	13	nh	175	1.71836	1.58375	0.134606	0.18821
248	438	11	md	484	1.71595	0.122194	1.59375	0.414374
871	439	14	in	2040	1.71383	1.70938	0.004457	0.405398
693	440	8	sd	1572	1.71173	1.4022	0.309525	0.456858
343	441	10	da	2848	1.71117	0.483219	1.22796	0.429686
398	442	15	or	847	1.70939	0.643871	1.06552	0.278467
732	443	14	nh	40	1.70756	1.46793	0.239628	0.189576
326	444	15	in	1741	1.70742	0.423249	1.28417	0.458886
632	445	11	sj	846	1.70535	1.26515	0.4402	0.471378
267	446	16	or	2811	1.70065	0.17829	1.52236	0.302307
1143	447	21	is	3378	1.69873	2.17931	-0.48058	0.191487
221	448	16	va	388	1.69855	0.028441	1.67011	0.398579
384	449	18	ma	2423	1.69824	0.613544	1.0847	0.405734
800	450	16	oc	288	1.69694	1.5636	0.133344	0.476999
870	451	17	or	3223	1.69201	1.68634	0.005676	0.227671
154	452	11	mo	624	1.6856	-0.42544	2.11104	0.541007
853	453	18	or	2046	1.68531	1.65342	0.031888	0.166741
323	454	15	oh	1990	1.68254	0.386043	1.2965	0.427212
633	455	15	nh	241	1.67041	1.23111	0.439297	0.242971
466	456	16	oh	2941	1.67023	0.821485	0.848747	0.468664
117	457	23	pa	1640	1.66216	-0.77779	2.43994	0.491733
306	458	9	dc	1024	1.65614	0.280465	1.37568	0.472223
595	459	14	li	1546	1.6447	1.11333	0.531365	0.483266
185	460	14	kc	1208	1.64362	-0.1955	1.83912	0.46848
297	461	18	fl	442	1.64027	0.22	1.42027	0.465133
422	462	5	ga	590	1.63825	0.653373	0.984872	0.242985
269	463	10	wa	3213	1.63289	0.120862	1.51203	0.489926
263	464	14	wi	1091	1.6316	0.095859	1.53574	0.513286
475	465	19	or	1983	1.63051	0.797934	0.832579	0.2701
582	466	15	wi	167	1.62804	1.07892	0.549116	0.47915
1070	467	16	nh	133	1.62415	1.9618	-0.33765	0.183735
1137	468	8	az	2662	1.62052	2.08737	-0.46686	0.434017
439	469	19	fl	180	1.61842	0.674641	0.943779	0.48149

796	470	16	wi	2197	1.6111	1.47243	0.138667	0.41099
1276	471	12	md	1218	1.61088	2.34008	-0.72921	0.425604
532	472	20	fl	364	1.60951	0.934307	0.6752	0.478197
1118	473	12	sj	3256	1.60916	2.04194	-0.43279	0.416465
339	474	9	az	1798	1.60815	0.357739	1.25041	0.514659
341	475	15	li	1468	1.60769	0.367582	1.24011	0.51044
191	476	21	fl	79	1.60742	-0.21295	1.82037	0.469588
1226	477	16	dt	519	1.60583	2.24159	-0.63576	0.4261
198	478	9	sdc	1717	1.60548	-0.19142	1.7969	0.488943
531	479	13	sj	701	1.60497	0.924423	0.680544	0.50618
500	480	19	ma	2013	1.60439	0.834966	0.769424	0.486154
1079	481	11	wa	1318	1.59838	1.96344	-0.36506	0.48834
593	482	12	mo	3284	1.597	1.06091	0.536094	0.510497
525	483	10	sc	49	1.59678	0.896895	0.699881	0.493143
296	484	16	li	263	1.59577	0.169609	1.42616	0.463837
390	485	11	sc	1287	1.58877	0.512381	1.07638	0.476434
563	486	13	mo	1094	1.5861	0.99914	0.586959	0.48866
396	487	5	gt	2474	1.57851	0.511026	1.06749	0.428109
105	488	10	roc	191	1.57542	-0.93445	2.50987	0.458826
832	489	12	sc	3270	1.57307	1.50293	0.070137	0.454773
1346	490	17	oh	378	1.57015	2.45846	-0.88831	0.465235
159	491	20	ma	1403	1.5699	-0.48998	2.05988	0.405295
839	492	7	co	1303	1.56469	1.50406	0.060627	0.092971
873	493	12	il	2781	1.5636	1.55958	0.004027	0.447083
712	494	10	ny	555	1.56306	1.28109	0.281971	0.363715
206	495	12	wa	2471	1.56157	-0.20639	1.76796	0.493613
990	496	9	pit	3062	1.55994	1.7922	-0.23226	0.4367
642	497	7	ok	2165	1.55813	1.13024	0.427892	0.424447
353	498	13	sc	1758	1.55381	0.363774	1.19003	0.491727
1486	499	24	pa	84	1.55282	2.77356	-1.22074	0.398167
194	500	17	oc	68	1.55214	-0.26085	1.81299	0.485106
197	501	7	dt1	2851	1.55004	-0.24713	1.79716	0.408676
1329	502	11	gg	1243	1.54857	2.41207	-0.8635	0.419456
615	503	11	roc	3157	1.54732	1.06298	0.484344	0.410383
318	504	17	li	871	1.54634	0.236876	1.30947	0.456767
373	505	13	ca	2429	1.54623	0.418651	1.12758	0.395376
661	506	17	va	612	1.54587	1.15061	0.395255	0.415295
352	507	8	la	2091	1.54212	0.342989	1.19913	0.357598
1502	508	17	wi	1306	1.5375	2.81952	-1.28202	0.367096
314	509	6	gt	2246	1.5357	0.183404	1.3523	0.440819
736	510	15	mi	2246	1.52992	1.29501	0.234912	0.465796
231	511	12	roc	2053	1.52977	-0.10706	1.63683	0.403129
1092	512	16	in	829	1.52619	1.91258	-0.38639	0.466373
759	513	6	ga	281	1.5246	1.33965	0.184956	0.226541
566	514	7	ga	1127	1.51712	0.938814	0.578306	0.208372
192	515	10	az	1726	1.51109	-0.30489	1.81598	0.46985
568	516	8	co	1540	1.51087	0.935889	0.574977	0.124127

537	517	17	dt	1025	1.50964	0.8516	0.658036	0.391573
325	518	10	pit	222	1.50924	0.22422	1.28502	0.461694
751	519	8	ga	1848	1.50783	1.30783	0.200003	0.24785
679	520	14	sc	3025	1.50365	1.15898	0.344671	0.446297
1404	521	11	ny	2601	1.50259	2.53916	-1.03657	0.353299
1282	522	22	fl	1144	1.5017	2.2469	-0.74521	0.49574
1757	523	15	wat	843	1.49997	3.85829	-2.35832	0.209959
528	524	12	ny	2265	1.49736	0.806931	0.690429	0.393973
790	525	23	fl	2564	1.49668	1.35369	0.142988	0.45793
216	526	15	kc	1806	1.48882	-0.21688	1.7057	0.468906
1369	527	14	ca	1160	1.4881	2.43098	-0.94289	0.497648
202	528	18	li	1554	1.48765	-0.29674	1.7844	0.484972
596	529	11	da	3310	1.4873	0.956211	0.531085	0.386837
478	530	9	co	2240	1.48719	0.660616	0.826578	0.164367
1284	531	22	is	3052	1.48159	2.22864	-0.74705	0.154514
407	532	7	gt	3234	1.4807	0.444146	1.03656	0.439302
671	533	11	pit	1038	1.47998	1.12236	0.357623	0.436386
955	534	23	is	3316	1.4729	1.63618	-0.16329	0.271605
580	535	20	or	2557	1.46641	0.912493	0.553916	0.300413
1257	536	12	da	3005	1.46627	2.16381	-0.69754	0.417322
706	537	10	sdh	294	1.46524	1.16596	0.299272	0.412316
742	538	18	va	422	1.45906	1.23996	0.219096	0.538678
544	539	13	ny	694	1.45138	0.815531	0.63585	0.411768
989	540	10	co	1619	1.45064	1.68116	-0.23053	0.087109
657	541	11	az	1164	1.44696	1.04307	0.403891	0.503059
1342	542	7	hi	2443	1.44512	2.32969	-0.88458	0.440633
762	543	21	or	488	1.44365	1.26223	0.181428	0.230704
1275	544	24	fl	2729	1.44323	2.17198	-0.72875	0.464723
472	545	11	sdh	1868	1.4396	0.59816	0.841445	0.460489
681	546	14	ny	1155	1.43472	1.09639	0.338336	0.357949
404	547	17	nh	134	1.43394	0.391523	1.04241	0.23571
919	548	13	md	272	1.4339	1.52845	-0.09455	0.429303
107	549	24	is	1955	1.43022	-1.06534	2.49556	0.146476
369	550	18	oh	2252	1.4299	0.290028	1.13987	0.502186
662	551	13	roc	3044	1.41827	1.02895	0.389319	0.379939
635	552	18	wi	3090	1.41748	0.980416	0.437062	0.434269
1219	553	15	ca	1197	1.41669	2.0428	-0.62611	0.438348
1039	554	14	sj	840	1.41261	1.71182	-0.29922	0.413226
1247	555	18	nh	121	1.4121	2.09235	-0.68025	0.205509
1048	556	8	ok	1750	1.40852	1.7254	-0.31688	0.450674
1610	557	25	fl	665	1.4023	2.96434	-1.56204	0.463978
576	558	19	wi	1103	1.40184	0.837149	0.56469	0.483847
272	559	16	kc	1982	1.39954	-0.10226	1.50179	0.505316
254	560	16	ca	4	1.3971	-0.16644	1.56354	0.452414
331	561	19	nj	752	1.39301	0.121092	1.27192	0.453008
637	562	19	oh	3193	1.38674	0.952297	0.434443	0.476337
678	563	20	oh	461	1.38392	1.03822	0.345697	0.475009

1169	564	17	ca	2659	1.38326	1.91712	-0.53386	0.419166
409	565	15	ny	3059	1.38312	0.35246	1.03066	0.375868
694	566	20	nj	816	1.38254	1.0731	0.309439	0.449381
1036	567	22	or	2733	1.37293	1.6698	-0.29687	0.206899
814	568	23	or	2130	1.37011	1.26772	0.102386	0.258801
415	569	12	az	991	1.36877	0.355527	1.01325	0.508888
707	570	9	ok	1710	1.36801	1.06984	0.298176	0.400283
845	571	9	ga	1648	1.36692	1.32112	0.045795	0.206483
1520	572	24	or	3024	1.3656	2.67745	-1.31185	0.190059
984	573	21	nj	2753	1.36234	1.58444	-0.2221	0.447991
1119	574	13	il	2704	1.36126	1.79534	-0.43409	0.432197
785	575	13	wa	3286	1.35707	1.20352	0.153543	0.445087
498	576	21	ma	3236	1.35518	0.58294	0.772243	0.478052
225	577	12	sd	1266	1.35482	-0.3009	1.65573	0.552574
442	578	15	sj	1458	1.35226	0.411436	0.940821	0.489559
1154	579	14	roc	63	1.35108	1.85245	-0.50137	0.374392
1064	580	20	wi	3410	1.34719	1.68175	-0.33456	0.415624
1398	581	18	oc	815	1.34649	2.36473	-1.01824	0.466423
636	582	12	pit	306	1.34599	0.910467	0.435519	0.461838
173	583	22	nj	293	1.34384	-0.62237	1.96622	0.463487
836	584	13	pit	2252	1.34288	1.27953	0.06335	0.395978
948	585	13	da	437	1.34195	1.49411	-0.15216	0.375429
351	586	11	co	3333	1.34001	0.139002	1.20101	0.116462
982	587	10	ga	3319	1.33485	1.55362	-0.21876	0.198231
1283	588	16	mi	1322	1.33463	2.0802	-0.74557	0.40283
956	589	23	nj	11	1.33438	1.49788	-0.1635	0.401712
251	590	16	sj	1351	1.33226	-0.24597	1.57824	0.498201
1343	591	25	or	1595	1.33003	2.21642	-0.8864	0.240164
517	592	14	wa	2976	1.32985	0.607516	0.722334	0.4979
247	593	24	nj	1811	1.32974	-0.26548	1.59522	0.482625
680	594	18	dt	2620	1.32736	0.983752	0.343605	0.416441
670	595	11	ga	2974	1.31655	0.952738	0.363807	0.244951
375	596	17	mi	2000	1.31612	0.191756	1.12436	0.456256
479	597	8	hi	2465	1.31403	0.487537	0.826489	0.488566
316	598	15	roc	1126	1.31267	-0.0345	1.34717	0.381231
262	599	14	md	225	1.31146	-0.22618	1.53764	0.446109
212	600	10	dc	1885	1.30415	-0.43032	1.73446	0.491249
461	601	25	nj	1860	1.30398	0.437529	0.866454	0.450037
575	602	14	mo	3410	1.30233	0.737565	0.564763	0.47232
157	603	25	is	3034	1.2985	-0.78565	2.08415	0.217464
656	604	19	dt	3002	1.29845	0.893507	0.404939	0.448196
284	605	16	ny	3053	1.2905	-0.16334	1.45384	0.362723
362	606	14	da	1108	1.28782	0.123902	1.16392	0.428578
1015	607	16	wat	781	1.28476	1.54505	-0.2603	0.259076
242	608	15	md	467	1.28172	-0.32414	1.60586	0.540217
1078	609	10	ok	31	1.2788	1.64373	-0.36493	0.451789
505	610	11	ok	2398	1.27E+00	0.508694	0.76605	0.44502

665	611	17	kc	932	1.27069	0.892827	0.377862	0.429503
1040	612	17	sj	115	1.26845	1.57098	-0.30253	0.490544
840	613	22	ma	1884	1.26423	1.20417	0.060057	0.414275
504	614	12	co	1977	1.26389	0.497657	0.766238	0.111402
441	615	26	nj	613	1.25416	0.313162	0.940994	0.470301
1405	616	21	wi	1259	1.2538	2.29294	-1.03914	0.439267
1464	617	26	or	949	1.25136	2.40098	-1.14962	0.201633
1074	618	18	mi	2405	1.25035	1.60427	-0.35392	0.476973
464	619	8	gt	2959	1.2466	0.395284	0.851317	0.413569
977	620	16	md	2546	1.24315	1.44677	-0.20361	0.487681
703	621	15	da	2965	1.24111	0.936644	0.304467	0.404431
709	622	18	kc	937	1.24071	0.950654	0.290054	0.392791
689	623	13	co	1584	1.24013	0.919779	0.320348	0.094358
1590	624	14	pit	433	1.23915	2.72301	-1.48387	0.409077
321	625	22	wi	93	1.23756	-0.06138	1.29894	0.478479
406	626	17	md	1727	1.23641	0.199479	1.03693	0.499253
735	627	15	sc	2751	1.23608	1.00031	0.235762	0.502088
209	628	18	ca	2272	1.23509	-0.50623	1.74131	0.469664
444	629	9	hi	2439	1.23504	0.29806	0.936981	0.468599
897	630	19	li	329	1.23237	1.2915	-0.05913	0.467785
621	631	11	dc	1418	1.23063	0.763919	0.466709	0.485811
925	632	20	li	1607	1.22841	1.33984	-0.11143	0.425613
1562	633	16	roc	1511	1.22611	2.65236	-1.42625	0.430611
774	634	12	ok	2759	1.22551	1.05922	0.166296	0.411815
1676	635	19	ca	1148	1.22437	3.0334	-1.80903	0.403025
905	636	13	sdc	1197	1.22037	1.29333	-0.07296	0.486638
1669	637	17	wat	854	1.21863	3.00653	-1.78791	0.156956
844	638	15	pit	337	1.21622	1.16841	0.047808	0.462464
1099	639	21	oh	108	1.21521	1.60796	-0.39276	0.458633
386	640	12	dc	3283	1.21255	0.132404	1.08015	0.448278
813	641	13	ok	2388	1.21192	1.10786	0.104061	0.439405
1197	642	17	ny	3142	1.21003	1.80288	-0.59285	0.294891
1621	643	25	pa	2199	1.2079	2.82823	-1.62034	0.381926
1281	644	16	sc	804	1.20573	1.95067	-0.74494	0.437631
552	645	17	in	1730	1.20499	0.58821	0.616777	0.459583
354	646	19	va	122	1.20473	0.021745	1.18299	0.473488
852	647	21	li	28	1.20242	1.17026	0.032162	0.454376
760	648	18	sj	1700	1.20228	1.01789	0.184392	0.432076
513	649	13	dc	3373	1.20197	0.461637	0.740332	0.437563
1236	650	19	mi	1504	1.20062	1.85937	-0.65876	0.440028
529	651	13	az	842	1.19995	0.511803	0.688145	0.482892
827	652	14	ok	3144	1.19769	1.11287	0.084821	0.394262
718	653	15	wa	3238	1.19576	0.93081	0.26495	0.439772
1028	654	14	az	399	1.19368	1.48121	-0.28753	0.452691
893	655	15	ok	2795	1.19364	1.23754	-0.0439	0.411267
447	656	8	dt1	3098	1.19361	0.280286	0.913328	0.440076
302	657	17	roc	174	1.19247	-0.1951	1.38757	0.424459

1684	658	19	oc	3414	1.19236	3.05273	-1.86037	0.500965
1067	659	27	or	1823	1.19065	1.52662	-0.33598	0.229418
1100	660	18	roc	340	1.1876	1.58056	-0.39296	0.413639
538	661	12	ga	3091	1.1868	0.530584	0.656213	0.197286
266	662	16	wa	948	1.18142	-0.34551	1.52693	0.482767
811	663	15	mo	2978	1.17991	1.07431	0.1056	0.54086
1157	664	19	kc	2335	1.17383	1.67791	-0.50408	0.397116
901	665	18	md	7	1.17316	1.23765	-0.0645	0.431341
1246	666	19	sj	2854	1.17166	1.85183	-0.68017	0.44214
961	667	28	or	2542	1.17151	1.34263	-0.17112	0.233094
1541	668	16	mo	2177	1.17058	2.53379	-1.36321	0.391013
823	669	20	sj	256	1.16844	1.08103	0.087411	0.441974
898	670	15	az	2840	1.16822	1.22963	-0.06141	0.442182
750	671	19	nh	131	1.16818	0.964153	0.204027	0.251713
855	672	13	ga	1683	1.16815	1.13716	0.030988	0.242643
1322	673	16	ok	2373	1.16809	2.01629	-0.8482	0.448352
450	674	20	va	2363	1.16738	0.262985	0.904392	0.443488
420	675	18	ny	1027	1.16689	0.173311	0.993583	0.31219
860	676	17	ok	1987	1.16622	1.14297	0.023253	0.405844
380	677	14	dc	3298	1.16443	0.053285	1.11115	0.452092
868	678	16	da	2953	1.16242	1.15115	0.011267	0.400236
780	679	23	wi	288	1.15888	0.998372	0.160504	0.425389
619	680	14	ga	1002	1.157	0.682246	0.474758	0.209781
903	681	17	sc	1398	1.15517	1.22532	-0.07014	0.447984
777	682	17	da	647	1.15275	0.988701	0.164046	0.373696
348	683	24	wi	2039	1.15012	-0.05631	1.20644	0.441849
499	684	21	sj	1280	1.14958	0.379122	0.770456	0.483457
900	685	26	fl	1523	1.14791	1.21078	-0.06287	0.508035
308	686	18	ok	3124	1.14773	-0.22092	1.36866	0.467556
1243	687	19	md	1829	1.14662	1.82548	-0.67886	0.438363
726	688	17	wa	3219	1.14648	0.899571	0.246906	0.443373
1285	689	20	ca	2576	1.14481	1.89536	-0.75055	0.388625
866	690	9	dt1	515	1.14113	1.12402	0.017107	0.4073
730	691	17	mo	1329	1.14054	0.897436	0.243104	0.396597
463	692	15	ga	1758	1.14012	0.280511	0.859606	0.206325
883	693	16	ga	1379	1.13844	1.14325	-0.00481	0.22282
440	694	16	az	3315	1.13711	0.195165	0.941944	0.479494
96	695	22	sj	1834	1.13707	-1.46855	2.60563	0.517686
696	696	12	gg	2054	1.13602	0.827063	0.308961	0.456082
1382	697	20	mi	2959	1.13496	2.1159	-0.98094	0.464416
912	698	9	gt	830	1.1324	1.21624	-0.08384	0.430909
1774	699	20	oc	2673	1.12792	3.5929	-2.46498	0.43701
1608	700	21	ca	1692	1.12714	2.68851	-1.56138	0.429025
484	701	20	kc	868	1.1271	0.310202	0.816903	0.476393
936	702	20	dt	3096	1.12405	1.24871	-0.12466	0.43795
1661	703	21	oc	2676	1.12394	2.87322	-1.74927	0.424871
271	704	22	oh	2506	1.12322	-0.38172	1.50494	0.477966

1377	705	15	dc	768	1.1232	2.08841	-0.9652	0.402217
522	706	17	ga	342	1.12294	0.416325	0.706619	0.215348
1366	707	18	wa	1346	1.12236	2.05408	-0.93172	0.426826
1105	708	22	li	1796	1.12079	1.52556	-0.40477	0.446159
1132	709	21	kc	2461	1.11712	1.57217	-0.45505	0.490497
1075	710	21	mi	85	1.11686	1.47424	-0.35738	0.467068
1412	711	18	mo	3397	1.11258	2.15725	-1.04467	0.494516
1239	712	13	gg	1684	1.10768	1.77347	-0.66578	0.431469
1117	713	19	ny	2285	1.10721	1.53861	-0.4314	0.367436
360	714	20	ny	181	1.10671	-0.05826	1.16497	0.380828
329	715	16	dc	2363	1.1066	-0.17246	1.27907	0.501226
1178	716	19	mo	931	1.10384	1.6624	-0.55857	0.438019
816	717	23	oh	3264	1.10235	1.00112	0.101234	0.416881
810	718	9	la	2920	1.10062	0.994385	0.106232	0.373334
973	719	18	ga	3214	1.10028	1.29736	-0.19707	0.246734
1098	720	22	mi	2054	1.10028	1.49293	-0.39264	0.458268
711	721	18	da	2080	1.09333	0.810826	0.282504	0.422454
966	722	10	gt	107	1.09327	1.27338	-0.1801	0.408105
1010	723	23	sj	1323	1.09059	1.34851	-0.25792	0.400024
1148	724	29	or	1700	1.08938	1.57922	-0.48984	0.220207
560	725	25	wi	1816	1.08776	0.486604	0.601155	0.459031
548	726	23	mi	141	1.08761	0.45994	0.627667	0.520409
1705	727	10	hi	2460	1.08584	3.06217	-1.97634	0.443768
1104	728	27	nj	2458	1.08521	1.48517	-0.39996	0.441137
260	729	21	va	611	1.08499	-0.4634	1.5484	0.465044
1647	730	24	sj	2035	1.08403	2.78098	-1.69695	0.466423
752	731	14	co	1348	1.08381	0.8851	0.198711	0.104157
650	732	24	mi	2188	1.08329	0.668627	0.414658	0.472725
674	733	26	pa	395	1.08308	0.731858	0.35122	0.462369
769	734	19	wa	1899	1.08237	0.910356	0.172019	0.452632
1636	735	21	ny	1600	1.08213	2.75463	-1.67251	0.270461
1138	736	25	sj	668	1.08149	1.55165	-0.47016	0.453726
465	737	28	nj	1881	1.08043	0.23036	0.850069	0.47761
495	738	20	wa	2149	1.08018	0.304979	0.775197	0.461548
428	739	14	sdc	2437	1.07886	0.112929	0.965932	0.458841
512	740	22	kc	1847	1.07712	0.331053	0.746065	0.42277
913	741	15	sdc	2029	1.07686	1.16148	-0.08461	0.458115
547	742	24	oh	276	1.07673	0.448905	0.627821	0.394547
815	743	17	dc	2010	1.07575	0.974096	0.101657	0.437761
1026	744	25	oh	451	1.07445	1.35638	-0.28194	0.482082
668	745	26	oh	1001	1.07428	0.701748	0.372533	0.44573
1519	746	18	sc	1319	1.07066	2.37815	-1.3075	0.398728
710	747	20	mo	1985	1.06918	0.786145	0.283034	0.48602
821	748	10	la	2080	1.06832	0.978574	0.089741	0.41889
876	749	14	gg	49	1.06769	1.06585	0.001843	0.430584
443	750	23	kc	1802	1.06733	0.128044	0.939281	0.408729
643	751	19	ga	3139	1.06706	0.639194	0.427866	0.215665



426	752	23	li	3137	1.06403	0.095886	0.968147	0.477586
699	753	23	ma	2713	1.06223	0.754749	0.307479	0.44204
1042	754	20	nh	501	1.06127	1.36608	-0.30481	0.202083
1016	755	16	pit	2614	1.06007	1.32289	-0.26282	0.402176
1235	756	16	sdh	1622	1.05936	1.71618	-0.65682	0.407887
1362	757	19	roc	291	1.05905	1.98261	-0.92356	0.408383
953	758	24	li	2872	1.05761	1.21867	-0.16106	0.402766
910	759	27	fl	2483	1.05684	1.1391	-0.08226	0.512172
1430	760	21	nh	166	1.05636	2.13881	-1.08245	0.159691
1326	761	22	va	3274	1.05521	1.91221	-0.857	0.417766
497	762	19	ok	2341	1.05415	0.281768	0.772382	0.457508
1518	763	22	oc	3401	1.05177	2.35796	-1.30618	0.487624
889	764	11	gt	3357	1.05058	1.08227	-0.03169	0.420977
467	765	26	wi	2530	1.04865	0.201871	0.846776	0.44256
708	766	21	wa	1294	1.04782	0.757607	0.290215	0.409036
1238	767	11	hi	2444	1.04676	1.70747	-0.66071	0.430771
705	768	19	da	2352	1.04545	0.745851	0.299603	0.420218
524	769	12	hi	2853	1.04429	0.339787	0.704499	0.436029
659	770	21	dt	2137	1.04345	0.644589	0.398862	0.420121
290	771	27	wi	171	1.04252	-0.39902	1.44154	0.42727
607	772	18	wat	1219	1.04245	0.533743	0.50871	0.249957
1441	773	20	md	1980	1.0401	2.1378	-1.09771	0.394704
565	774	21	md	173	1.03602	0.456679	0.579339	0.448888
1046	775	23	va	2108	1.03389	1.34619	-0.3123	0.419267
1489	776	23	oc	468	1.03168	2.26092	-1.22924	0.446266
534	777	29	nj	555	1.02849	0.36667	0.661821	0.46259
1024	778	18	in	3000	1.02818	1.30329	-0.27511	0.3874
838	779	27	oh	3266	1.02784	0.965544	0.062297	0.477881
1406	780	22	nh	1277	1.02719	2.06715	-1.03996	0.247029
722	781	24	kc	1785	1.026	0.771939	0.254056	0.448309
926	782	15	co	3403	1.02409	1.13605	-0.11196	0.109352
1204	783	11	la	231	1.02222	1.62516	-0.60295	0.380723
1634	784	22	ca	867	1.01976	2.68675	-1.66699	0.42771
1184	785	25	mi	904	1.01382	1.59122	-0.5774	0.428053
1153	786	14	il	1755	1.01333	1.51439	-0.50107	0.432158
1698	787	24	va	384	1.0114	2.94223	-1.93083	0.406069
1289	788	22	md	1168	1.0088	1.76438	-0.75559	0.405587
1620	789	24	oc	910	1.00728	2.61435	-1.60707	0.455878
337	790	30	nj	1807	1.0047	-0.24841	1.25311	0.522073
1014	791	30	or	3131	1.00422	1.26326	-0.25904	0.161391
843	792	23	md	2866	1.00151	0.948656	0.052856	0.426241
971	793	24	ma	1099	1.00071	1.19282	-0.19211	0.37975
597	794	22	ny	335	1.00011	0.473728	0.526386	0.40036
1400	795	28	oh	1787	0.998508	2.02487	-1.02636	0.392833
1068	796	29	oh	2350	0.998352	1.33447	-0.33612	0.402221
848	797	12	gt	85	0.998181	0.956036	0.042145	0.387848
425	798	31	nj	1872	0.997375	0.027799	0.969577	0.468405

806	799	23	nh	1307	0.997365	0.877	0.120365	0.185154
798	800	24	nh	1761	0.996845	0.862005	0.13484	0.208472
319	801	30	oh	1646	0.992718	-0.31283	1.30555	0.436514
739	802	19	sc	945	0.991126	0.760406	0.23072	0.45806
1699	803	28	fl	1102	0.990982	2.92717	-1.93619	0.405318
1056	804	17	sd	192	0.988396	1.31348	-0.32509	0.463132
744	805	17	az	2134	0.987307	0.771474	0.215833	0.472446
1011	806	23	ca	597	0.987092	1.24526	-0.25817	0.438554
675	807	20	ok	2376	0.984896	0.634361	0.350535	0.440615
372	808	24	ca	3328	0.984472	-0.14334	1.12781	0.455324
346	809	29	fl	233	0.983991	-0.22617	1.21016	0.514574
578	810	25	nh	509	0.983847	0.427557	0.55629	0.204329
1545	811	30	fl	118	0.979039	2.35481	-1.37577	0.486781
787	812	19	wat	2185	0.977148	0.82516	0.151989	0.193501
508	813	25	li	1751	0.974532	0.217179	0.757353	0.441778
471	814	19	in	2867	0.973628	0.129424	0.844203	0.42202
573	815	26	nh	1153	0.97359	0.406614	0.566976	0.217731
1225	816	31	oh	3201	0.968656	1.60179	-0.63314	0.430598
1529	817	27	nh	58	0.968251	2.29856	-1.33031	0.185131
996	818	16	co	2996	0.968122	1.20598	-0.23786	0.134626
981	819	20	in	2360	0.967508	1.185	-0.21749	0.440525
574	820	10	dt1	3096	0.966783	0.400356	0.566427	0.398896
974	821	32	oh	3324	0.965278	1.16243	-0.19715	0.425454
521	822	18	dc	620	0.964847	0.256549	0.708299	0.423185
476	823	28	nh	1058	0.96312	0.131233	0.831887	0.25517
934	824	19	dc	2963	0.962153	1.08329	-0.12114	0.372333
1340	825	20	ga	1415	0.957319	1.83791	-0.88059	0.188266
1643	826	24	md	1895	0.957073	2.65067	-1.6936	0.345923
589	827	20	sc	1102	0.954825	0.415845	0.53898	0.480225
432	828	25	va	435	0.952704	-0.00485	0.957552	0.47669
1443	829	26	mi	1783	0.951691	2.052	-1.10031	0.46255
1081	830	29	nh	1247	0.950524	1.3191	-0.36858	0.18358
1096	831	30	nh	1831	0.944753	1.33435	-0.38959	0.192832
612	832	31	or	3210	0.937966	0.448334	0.489632	0.258068
1306	833	22	wa	1778	0.937014	1.73624	-0.79922	0.412466
851	834	27	mi	1711	0.935819	0.901061	0.034758	0.438531
1293	835	20	dc	3340	0.92591	1.69249	-0.76658	0.386219
683	836	25	kc	2410	0.925286	0.593359	0.331927	0.470685
356	837	15	gg	2075	0.924197	-0.25738	1.18158	0.428233
88	838	26	is	1657	0.923442	-1.74744	2.67088	0.259516
492	839	18	az	3354	0.923179	0.137597	0.785582	0.42138
1786	840	27	pa	1712	0.922984	3.49863	-2.57564	0.42712
1058	841	28	pa	223	0.921024	1.24649	-0.32547	0.475737
737	842	31	nh	1547	0.920811	0.686465	0.234346	0.188102
490	843	21	ok	2396	0.920431	0.130578	0.789854	0.439291
419	844	25	md	686	0.918919	-0.07522	0.994136	0.482546
397	845	19	az	2570	0.918668	-0.14818	1.06685	0.482829

743	846	22	ok	3179	0.918443	0.702134	0.216309	0.441043
1083	847	20	az	1492	0.916504	1.28692	-0.37041	0.470606
1088	848	28	mi	216	0.916111	1.2916	-0.37549	0.43878
307	849	18	sd	691	0.914151	-0.45454	1.36869	0.526164
591	850	32	or	2374	0.914034	0.375317	0.538718	0.25496
1107	851	25	oc	503	0.913974	1.32443	-0.41046	0.453136
677	852	26	oc	3322	0.913325	0.566138	0.347187	0.475022
1667	853	32	nj	223	0.912543	2.68416	-1.77162	0.450394
536	854	20	roc	610	0.910554	0.252148	0.658406	0.460481
833	855	13	hi	2445	0.905187	0.83651	0.068677	0.468713
641	856	19	sd	846	0.904806	0.475674	0.429133	0.432748
1144	857	23	wa	2660	0.904128	1.38517	-0.48105	0.391375
909	858	26	md	869	0.903153	0.984916	-0.08176	0.474184
460	859	24	wa	3070	0.90309	0.032781	0.870309	0.474923
383	860	20	da	2841	0.900114	-0.18489	1.085	0.450734
664	861	33	oh	1308	0.8965	0.512264	0.384235	0.449074
1196	862	23	ok	3160	0.893515	1.48621	-0.5927	0.414185
817	863	23	ny	743	0.891032	0.792654	0.098378	0.340278
1022	864	25	wa	3268	0.88931	1.16054	-0.27123	0.385717
1034	865	27	md	888	0.889113	1.18501	-0.2959	0.463085
501	866	21	dc	623	0.887877	0.118552	0.769324	0.431202
1535	867	33	or	2951	0.885067	2.23208	-1.34701	0.180782
1240	868	29	mi	2245	0.883445	1.5504	-0.66696	0.468227
1414	869	34	oh	2340	0.879578	1.92544	-1.04586	0.439429
1220	870	15	il	2739	0.878401	1.50497	-0.62657	0.409964
387	871	21	az	3281	0.87358	-0.20605	1.07963	0.406593
622	872	22	dc	207	0.872981	0.410914	0.462067	0.48653
543	873	26	wa	2898	0.872864	0.236875	0.63599	0.526706
579	874	22	dt	2851	0.872433	0.316641	0.555792	0.454764
757	875	25	ma	2349	0.872144	0.680087	0.192057	0.420433
1452	876	21	in	447	0.871127	1.99181	-1.12069	0.470945
970	877	26	sj	692	0.868908	1.05804	-0.18913	0.434768
917	878	27	wa	3223	0.860981	0.949927	-0.08895	0.465406
684	879	31	fl	1876	0.860311	0.530326	0.329985	0.380229
1550	880	25	ca	980	0.856279	2.24653	-1.39025	0.414025
859	881	26	ma	3183	0.854309	0.827475	0.026834	0.422693
1686	882	27	oc	2591	0.851586	2.71607	-1.86449	0.466304
1060	883	11	dt1	2673	0.849757	1.17813	-0.32837	0.374205
1049	884	28	md	204	0.847445	1.16473	-0.31728	0.439789
1287	885	16	il	2115	0.846499	1.60062	-0.75412	0.49097
1490	886	20	wat	2609	0.843907	2.07379	-1.22989	0.190605
992	887	26	li	2875	0.84263	1.07665	-0.23402	0.438549
967	888	32	nh	1100	0.840871	1.02197	-0.1811	0.174938
702	889	21	ga	1311	0.840685	0.534676	0.306009	0.228505
1565	890	26	va	1137	0.838001	2.26974	-1.43174	0.377817
448	891	26	kc	1739	0.832835	-0.07461	0.907442	0.454311
1399	892	21	da	2585	0.830213	1.85127	-1.02106	0.345422

1258	893	33	nh	1512	0.827922	1.52722	-0.6993	0.218395
1681	894	26	ca	589	0.827499	2.67053	-1.84303	0.43407
772	895	34	or	1515	0.827462	0.660464	0.166998	0.176978
979	896	35	oh	2172	0.827039	1.03931	-0.21228	0.478224
503	897	24	ny	1230	0.826569	0.060087	0.766482	0.321367
421	898	22	az	60	0.826332	-0.15907	0.985397	0.446031
1407	899	12	la	2973	0.82547	1.86574	-1.04027	0.322902
1052	900	13	la	2587	0.825191	1.14853	-0.32334	0.405238
1127	901	21	roc	2228	0.820423	1.26867	-0.44825	0.407244
701	902	30	mi	74	0.820343	0.513931	0.306411	0.455796
863	903	24	ok	932	0.819763	0.799273	0.02049	0.454732
491	904	27	ma	125	0.81456	0.025558	0.789002	0.472852
1131	905	29	md	87	0.813853	1.26886	-0.455	0.433803
1270	906	14	hi	2459	0.809297	1.53225	-0.72295	0.393736
403	907	36	oh	2051	0.808651	-0.23434	1.04299	0.418639
1363	908	28	ma	1916	0.808133	1.73205	-0.92392	0.389858
885	909	21	wat	772	0.808131	0.815293	-0.00716	0.233182
620	910	27	va	3168	0.807801	0.338501	0.4693	0.416973
1230	911	12	dt1	1941	0.806948	1.44998	-0.64304	0.447378
558	912	17	co	662	0.806778	0.203173	0.603604	0.136866
587	913	27	sj	2813	0.803179	0.262781	0.540398	0.442244
1136	914	29	ma	61	0.801007	1.26505	-0.46404	0.421604
1291	915	28	wi	1268	0.800252	1.56153	-0.76128	0.38016
922	916	22	ga	1771	0.799717	0.904642	-0.10493	0.23515
1389	917	13	gt	2153	0.799083	1.8023	-1.00322	0.378053
1166	918	27	ca	995	0.797948	1.32153	-0.52358	0.404594
309	919	34	nh	811	0.795446	-0.57149	1.36693	0.258704
1108	920	22	da	3350	0.794565	1.20851	-0.41394	0.399336
604	921	23	az	2128	0.792878	0.282701	0.510177	0.438252
276	922	25	ny	333	0.79287	-0.68704	1.47991	0.373202
1278	923	24	az	3019	0.792188	1.5305	-0.73831	0.484879
781	924	27	kc	2164	0.792176	0.631766	0.16041	0.455778
246	925	14	la	1477	0.790786	-0.80488	1.59566	0.423559
1626	926	15	hi	3008	0.788521	2.42974	-1.64122	0.456109
927	927	26	ny	1880	0.787378	0.900341	-0.11296	0.31126
507	928	14	gt	1254	0.785988	0.027918	0.75807	0.422428
1498	929	28	wa	2555	0.784608	2.05631	-1.2717	0.405007
452	930	23	ga	547	0.784049	-0.11417	0.898223	0.26764
1203	931	25	ok	1209	0.782557	1.38482	-0.60227	0.394914
592	932	28	ca	3120	0.780703	0.243172	0.537531	0.415846
994	933	25	az	3158	0.778957	1.01555	-0.2366	0.468894
947	934	22	wat	1565	0.776833	0.92893	-0.1521	0.207894
416	935	15	la	2221	0.776443	-0.23594	1.01238	0.438099
908	936	26	ok	2391	0.775891	0.854237	-0.07835	0.426368
1003	937	29	ca	1138	0.77072	1.02001	-0.24929	0.444624
559	938	27	is	3086	0.770687	0.167153	0.603534	0.290316
997	939	27	li	1203	0.767035	1.00528	-0.23824	0.457502

118	940	30	ca	1515	0.765405	-1.67128	2.43669	0.492503
1129	941	28	li	2638	0.7635	1.2146	-0.4511	0.469724
1611	942	27	ok	2986	0.758371	2.32083	-1.56246	0.407109
864	943	22	in	1529	0.756569	0.738325	0.018244	0.435134
533	944	15	gt	1711	0.755735	0.085487	0.670249	0.411762
1375	945	16	la	364	0.753129	1.716	-0.96287	0.352151
1103	946	23	dc	1712	0.753033	1.1519	-0.39887	0.381396
1696	947	31	ca	1452	0.750865	2.6777	-1.92684	0.438879
865	948	16	gt	2405	0.750636	0.732672	0.017964	0.374558
1391	949	17	gt	141	0.748439	1.75417	-1.00574	0.402544
1000	950	18	co	2083	0.747873	0.993927	-0.24605	0.088087
733	951	24	dc	2900	0.745871	0.506541	0.23933	0.441899
1538	952	32	fl	3164	0.745038	2.10099	-1.35596	0.461521
746	953	23	da	2864	0.744321	0.530328	0.213993	0.414511
792	954	29	wi	2169	0.74194	0.601481	0.140458	0.439694
1512	955	17	il	2803	0.740247	2.03807	-1.29783	0.413265
365	956	20	sdca	3226	0.737173	-0.42156	1.15874	0.474526
1214	957	17	la	2190	0.735777	1.35572	-0.61994	0.366282
1657	958	23	in	3176	0.732017	2.46891	-1.73689	0.403101
1208	959	35	or	2147	0.730653	1.34038	-0.60973	0.224754
610	960	24	in	2171	0.729041	0.238223	0.490819	0.469494
518	961	26	az	1011	0.726888	0.007096	0.719792	0.4585
1110	962	21	sdca	115	0.725877	1.14323	-0.41735	0.379096
1267	963	29	wa	2907	0.72516	1.44207	-0.71691	0.418424
1424	964	16	hi	1056	0.722196	1.78691	-1.06471	0.417976
1156	965	32	ca	2339	0.71905	1.22152	-0.50247	0.383263
857	966	30	wa	2942	0.718874	0.689696	0.029177	0.454347
793	967	28	ok	476	0.718807	0.579223	0.139584	0.424416
1249	968	22	sdca	1972	0.715401	1.39648	-0.68108	0.410958
1263	969	33	fl	1270	0.714899	1.42364	-0.70874	0.442476
1106	970	25	dc	3246	0.714579	1.11993	-0.40535	0.465673
802	971	31	wa	2522	0.709311	0.583862	0.125449	0.453704
1491	972	26	dc	3154	0.709066	1.94891	-1.23984	0.408956
1066	973	18	la	2206	0.708631	1.04457	-0.33594	0.382203
1353	974	29	pa	357	0.707646	1.61101	-0.90337	0.504581
660	975	29	ok	3413	0.707484	0.31089	0.396594	0.439671
556	976	32	wa	2148	0.705672	0.099193	0.60648	0.473165
584	977	30	ma	1923	0.704942	0.160542	0.544401	0.443364
697	978	30	wi	2202	0.70464	0.396803	0.307837	0.461774
1487	979	18	il	3067	0.703442	1.92759	-1.22414	0.400937
666	980	33	nj	102	0.702252	0.326316	0.375936	0.443975
358	981	13	dt1	3401	0.697536	-0.47415	1.17169	0.442036
629	982	16	gg	397	0.695999	0.251659	0.444341	0.429545
1431	983	24	da	2950	0.690885	1.778	-1.08712	0.432154
676	984	36	or	2002	0.681276	0.33108	0.350196	0.231376
1296	985	17	pit	1249	0.679179	1.45507	-0.77589	0.3989
768	986	23	sdca	1332	0.678222	0.505744	0.172478	0.456543

1198	987	31	mi	2767	0.675886	1.27058	-0.59469	0.420338
1312	988	22	roc	1591	0.675507	1.48654	-0.81104	0.362216
327	989	19	la	3039	0.672737	-0.60749	1.28023	0.391344
1679	990	23	dt	515	0.67121	2.50533	-1.83412	0.349321
899	991	33	ca	1836	0.670597	0.732408	-0.06181	0.46713
557	992	24	ga	3265	0.670513	0.066857	0.603656	0.191974
542	993	19	il	2709	0.669802	0.022119	0.647683	0.461276
904	994	37	or	1510	0.669061	0.740704	-0.07164	0.23806
1302	995	34	ca	3027	0.668821	1.45934	-0.79052	0.419451
652	996	28	va	2106	0.665365	0.252553	0.412813	0.427191
1580	997	25	da	3384	0.662735	2.12986	-1.46713	0.348086
719	998	30	md	900	0.662229	0.399997	0.262232	0.48206
1484	999	30	ok	2354	0.66218	1.88207	-1.21989	0.383831
1532	1000	38	or	2605	0.660441	1.99721	-1.33677	0.213907
1638	1001	17	gg	2834	0.659629	2.33694	-1.67731	0.46926
775	1002	31	ma	467	0.658924	0.493486	0.165438	0.386684
1702	1003	18	pit	2618	0.658777	2.6203	-1.96152	0.371023
1248	1004	31	wi	2506	0.655695	1.33673	-0.68103	0.477239
1591	1005	28	oc	1216	0.654578	2.14053	-1.48595	0.392345
1675	1006	28	sj	295	0.653092	2.4606	-1.80751	0.375552
669	1007	28	kc	3172	0.65272	0.287416	0.365304	0.386149
1726	1008	25	in	3272	0.651017	2.75741	-2.10639	0.42458
1062	1009	29	kc	2167	0.650995	0.981712	-0.33072	0.42955
506	1010	27	ny	1862	0.650787	-0.11127	0.762059	0.376116
1332	1011	34	fl	3149	0.646925	1.51433	-0.86741	0.387674
841	1012	20	la	3337	0.646441	0.586659	0.059782	0.376355
1725	1013	28	is	2213	0.646392	2.72752	-2.08113	0.226852
937	1014	21	mo	1756	0.646285	0.771008	-0.12472	0.447372
915	1015	19	pit	1317	0.645746	0.734478	-0.08873	0.423609
599	1016	28	ny	3004	0.645004	0.121133	0.523871	0.34592
572	1017	25	ga	2655	0.639591	0.069045	0.570545	0.244897
626	1018	35	fl	1543	0.635379	0.184985	0.450394	0.507527
727	1019	26	ga	3344	0.634395	0.388984	0.24541	0.214427
723	1020	31	ok	2779	0.632333	0.381676	0.250658	0.415752
1760	1021	37	oh	2632	0.629472	2.99696	-2.36749	0.421253
1255	1022	26	in	2783	0.628847	1.32156	-0.69271	0.434616
648	1023	24	sd	668	0.627872	0.207982	0.41989	0.437265
998	1024	34	nj	203	0.627532	0.870318	-0.24279	0.359736
1328	1025	29	va	2402	0.626351	1.48955	-0.8632	0.387298
1691	1026	29	li	545	0.625514	2.51395	-1.88844	0.485357
1754	1027	29	ny	1989	0.62514	2.94937	-2.32423	0.281374
275	1028	29	sj	649	0.623025	-0.85743	1.48045	0.491482
820	1029	32	ma	1153	0.622649	0.528994	0.093656	0.452155
608	1030	27	az	2375	0.621014	0.114985	0.506029	0.492507
923	1031	31	md	1391	0.619379	0.726875	-0.1075	0.43893
377	1032	38	oh	3356	0.619243	-0.50206	1.1213	0.500814
1254	1033	30	li	2487	0.618199	1.31004	-0.69184	0.440447

1086	1034	20	pit	3193	0.617229	0.990022	-0.37279	0.415657
418	1035	32	md	1626	0.615411	-0.37896	0.994376	0.434867
1740	1036	23	roc	3162	0.615228	2.80134	-2.18611	0.382373
519	1037	28	az	1013	0.610519	-0.10885	0.719372	0.45762
950	1038	30	kc	1737	0.610375	0.765272	-0.1549	0.460461
1005	1039	19	co	1691	0.609537	0.859196	-0.24966	0.096989
721	1040	33	wa	2980	0.608734	0.352835	0.255899	0.407622
1082	1041	20	il	3061	0.604516	0.974723	-0.37021	0.45589
651	1042	27	ga	3318	0.602909	0.189041	0.413868	0.227456
1595	1043	39	oh	2399	0.602598	2.10191	-1.49931	0.373328
1678	1044	22	mo	2014	0.602134	2.42093	-1.8188	0.42766
1582	1045	23	wat	2361	0.600288	2.06928	-1.469	0.170023
320	1046	33	ma	155	0.59793	-0.70491	1.30284	0.510215
1252	1047	39	or	1425	0.597865	1.28284	-0.68498	0.201354
1759	1048	36	fl	2757	0.596436	2.95641	-2.35997	0.433238
1359	1049	21	sc	1051	0.594483	1.50555	-0.91107	0.440902
687	1050	40	or	2517	0.594286	0.273066	0.321221	0.218835
1567	1051	31	li	2869	0.593676	2.0315	-1.43782	0.435963
217	1052	37	fl	3332	0.592347	-1.10186	1.69421	0.509816
1600	1053	30	pa	3167	0.591157	2.11145	-1.52029	0.418847
606	1054	30	va	2642	0.587463	0.078268	0.509195	0.43587
975	1055	29	az	2414	0.585629	0.787719	-0.20209	0.444711
1466	1056	26	da	2948	0.585141	1.7411	-1.15596	0.397156
1434	1057	30	ny	263	0.584983	1.67706	-1.09208	0.341456
895	1058	35	nh	1729	0.58026	0.630108	-0.04985	0.214931
1429	1059	34	ma	2124	0.577993	1.65947	-1.08148	0.36415
1025	1060	20	co	1799	0.577523	0.852803	-0.27528	0.092404
837	1061	32	ok	2382	0.576769	0.513742	0.063028	0.462339
1374	1062	22	sc	538	0.576108	1.5363	-0.96019	0.433953
1339	1063	24	dt	1502	0.575801	1.45628	-0.88048	0.378985
846	1064	21	la	2817	0.575148	0.530025	0.045123	0.359981
1345	1065	33	ok	2359	0.574902	1.46305	-0.88815	0.398144
728	1066	24	roc	843	0.571763	0.327212	0.244551	0.423012
1176	1067	24	wat	2386	0.570791	1.12603	-0.55524	0.198456
446	1068	35	ca	1671	0.570203	-0.35816	0.928361	0.463423
1041	1069	36	ca	2174	0.569795	0.873329	-0.30353	0.436556
1114	1070	32	wi	2826	0.569202	0.996579	-0.42738	0.439846
1004	1071	33	md	1446	0.569102	0.818725	-0.24962	0.403329
942	1072	25	wat	771	0.567015	0.713574	-0.14656	0.196279
1780	1073	29	is	1576	0.566339	3.07769	-2.51135	0.262731
963	1074	34	ok	2395	0.564738	0.739073	-0.17434	0.379681
1449	1075	18	gg	1504	0.564242	1.67802	-1.11377	0.443003
667	1076	25	sdc	2839	0.562917	0.187599	0.375318	0.45608
1426	1077	19	gg	314	0.560841	1.62907	-1.06822	0.358968
1652	1078	33	wi	216	0.554919	2.27605	-1.72113	0.409481
1124	1079	32	li	884	0.55458	0.998368	-0.44379	0.455212
965	1080	30	az	2439	0.554422	0.731791	-0.17737	0.4221

807	1081	41	or	3070	0.552212	0.432242	0.119969	0.200186
1444	1082	17	hi	203	0.548688	1.65339	-1.1047	0.367725
235	1083	27	dc	2421	0.54843	-1.07355	1.62198	0.467727
470	1084	38	fl	2152	0.543008	-0.30273	0.84574	0.439497
1241	1085	27	da	3043	0.542152	1.21244	-0.67029	0.350725
911	1086	29	oc	3069	0.54023	0.623207	-0.08298	0.456432
809	1087	42	or	2898	0.540153	0.431749	0.108404	0.230454
594	1088	28	ga	3329	0.540126	0.007028	0.533099	0.195785
1290	1089	31	va	1522	0.539973	1.29889	-0.75892	0.419651
1112	1090	25	dt	2050	0.539894	0.96025	-0.42036	0.408327
812	1091	35	ok	3163	0.538651	0.433871	0.10478	0.352555
964	1092	40	oh	1766	0.537512	0.713489	-0.17598	0.409808
1334	1093	26	sd	568	0.534745	1.40406	-0.86932	0.392633
1783	1094	35	nj	75	0.534169	3.05018	-2.51601	0.333654
1376	1095	32	mi	1940	0.534092	1.49745	-0.96335	0.37905
1134	1096	30	is	3211	0.530869	0.992649	-0.46178	0.134259
847	1097	22	la	2173	0.530287	0.486162	0.044125	0.315979
1007	1098	29	ga	1261	0.529773	0.786095	-0.25632	0.237871
1473	1099	37	ca	3303	0.529275	1.70244	-1.17316	0.393358
1381	1100	31	kc	1730	0.528884	1.50751	-0.97863	0.444274
704	1101	20	gg	322	0.528605	0.225225	0.30338	0.454309
148	1102	21	il	1525	0.525511	-1.63883	2.16434	0.446057
999	1103	41	oh	3262	0.52518	0.768317	-0.24314	0.462063
581	1104	32	va	1655	0.525107	-0.02412	0.549229	0.393012
1089	1105	27	in	3259	0.524982	0.901612	-0.37663	0.461552
1299	1106	32	kc	1825	0.524695	1.30545	-0.78076	0.457524
214	1107	28	dc	2911	0.523731	-1.19294	1.71667	0.435277
988	1108	43	or	2522	0.523633	0.754136	-0.2305	0.198999
1057	1109	26	wat	296	0.523395	0.848536	-0.32514	0.202538
767	1110	23	la	2556	0.523074	0.348607	0.174467	0.388931
1222	1111	28	da	3355	0.521877	1.14921	-0.62733	0.352924
1043	1112	44	or	2192	0.520572	0.828077	-0.30751	0.233171
1378	1113	31	pa	1634	0.519678	1.4902	-0.97052	0.469705
862	1114	23	mo	1658	0.518122	0.496577	0.021545	0.476323
43	1115	31	is	1690	0.517315	-2.95555	3.47287	0.333076
1182	1116	32	pa	708	0.516278	1.08312	-0.56684	0.442558
1357	1117	30	sj	852	0.515639	1.42514	-0.9095	0.461504
645	1118	28	in	1720	0.513707	0.087579	0.426128	0.444409
991	1119	29	dc	2641	0.513523	0.746556	-0.23303	0.461082
1482	1120	29	da	1723	0.510204	1.72155	-1.21134	0.446367
1386	1121	31	sj	1967	0.509988	1.50673	-0.99675	0.454745
1349	1122	18	hi	2455	0.509883	1.40313	-0.89325	0.370444
877	1123	45	or	955	0.509438	0.507765	0.001674	0.216163
1516	1124	33	kc	967	0.508273	1.81356	-1.30529	0.376917
828	1125	33	va	2021	0.50756	0.433928	0.073631	0.394111
1625	1126	27	sd	2658	0.5074	2.14832	-1.64092	0.390697
570	1127	36	nh	319	0.502357	-0.06958	0.571933	0.21358



431	1128	34	wa	1258	0.501311	-0.45747	0.958781	0.415381
1537	1129	24	mo	279	0.500267	1.85494	-1.35467	0.42285
686	1130	22	il	2136	0.499293	0.177961	0.321332	0.419236
1073	1131	18	gt	66	0.49832	0.842483	-0.34416	0.408019
1069	1132	37	nh	3323	0.497014	0.834149	-0.33714	0.209491
849	1133	14	dt1	440	0.496362	0.456053	0.040309	0.350053
1467	1134	38	ca	1759	0.494774	1.65313	-1.15836	0.333771
1065	1135	39	ca	3309	0.49383	0.828603	-0.33477	0.464754
634	1136	34	md	3389	0.493378	0.056292	0.437085	0.445145
1742	1137	38	nh	3132	0.49291	2.69686	-2.20395	0.156412
692	1138	30	da	2897	0.491562	0.174065	0.317497	0.402802
1029	1139	28	sdc	3341	0.489731	0.779016	-0.28929	0.387615
933	1140	35	wa	2923	0.489202	0.609687	-0.12049	0.424211
830	1141	19	gt	2188	0.488361	0.4155	0.072861	0.353797
691	1142	15	dt1	240	0.486935	0.169036	0.317899	0.418262
482	1143	34	va	405	0.483778	-0.33896	0.82274	0.429367
1594	1144	40	ca	848	0.483728	1.98239	-1.49866	0.372606
1097	1145	33	mi	518	0.482171	0.873565	-0.39139	0.46675
1587	1146	25	mo	2457	0.478491	1.95605	-1.47756	0.430842
1233	1147	41	ca	696	0.476229	1.12923	-0.653	0.416685
951	1148	24	la	2242	0.474742	0.632166	-0.15742	0.358711
462	1149	42	ca	981	0.474302	-0.39151	0.865816	0.396238
1159	1150	31	da	2943	0.473884	0.984517	-0.51063	0.455106
1047	1151	29	sdc	3021	0.470805	0.785748	-0.31494	0.431582
1298	1152	32	sj	1072	0.469169	1.2475	-0.77833	0.388017
1266	1153	34	wi	2338	0.468697	1.1848	-0.71611	0.426547
756	1154	33	sj	1516	0.468045	0.275708	0.192337	0.446977
1280	1155	34	kc	1994	0.4679	1.21152	-0.74362	0.394561
530	1156	16	dt1	2048	0.465844	-0.22172	0.687568	0.468436
1825	1157	21	pit	1708	0.462747	3.70756	-3.24481	0.42812
1694	1158	36	wa	2906	0.462398	2.35835	-1.89595	0.425412
1189	1159	30	sdc	812	0.461418	1.04195	-0.58053	0.46431
1571	1160	30	oc	2163	0.461397	1.91448	-1.45309	0.461816
1593	1161	17	dt1	3119	0.460881	1.95623	-1.49535	0.402402
1475	1162	42	oh	1747	0.459566	1.64982	-1.19025	0.390818
1568	1163	31	oc	3097	0.45897	1.90047	-1.4415	0.393216
1758	1164	21	gg	862	0.458769	2.81819	-2.35943	0.400523
605	1165	25	roc	1518	0.456049	-0.05347	0.509518	0.369696
1253	1166	36	nj	3059	0.455354	1.14688	-0.69153	0.410828
906	1167	30	dc	1446	0.455134	0.532547	-0.07741	0.42273
1361	1168	37	wa	2944	0.45494	1.37694	-0.922	0.460348
858	1169	31	dc	611	0.454612	0.427777	0.026836	0.352974
1433	1170	27	wat	2505	0.452334	1.54068	-1.08835	0.255193
700	1171	22	gg	3415	0.451313	0.143994	0.30732	0.488404
562	1172	46	or	3311	0.448707	-0.14014	0.588848	0.189232
1531	1173	20	gt	835	0.445804	1.78148	-1.33567	0.383145
959	1174	26	dt	903	0.445727	0.613425	-0.1677	0.444771

819	1175	32	dc	2913	0.442985	0.349322	0.093663	0.380488
1128	1176	18	dt1	314	0.441603	0.890387	-0.44878	0.362024
1193	1177	26	roc	229	0.441524	1.02707	-0.58554	0.402876
561	1178	23	sc	2430	0.440502	-0.15895	0.599455	0.465145
1245	1179	31	az	2647	0.439231	1.1192	-0.67997	0.401368
1781	1180	23	il	3110	0.438651	2.95034	-2.51169	0.378925
1517	1181	31	ny	329	0.436796	1.74229	-1.30549	0.322793
842	1182	31	sdc	1160	0.436029	0.376663	0.059366	0.437207
1650	1183	35	md	836	0.435974	2.15651	-1.72053	0.369558
1002	1184	19	hi	1544	0.434307	0.682279	-0.24797	0.435249
1348	1185	32	is	3358	0.433189	1.32348	-0.89029	0.15715
430	1186	32	az	1165	0.432702	-0.52689	0.959587	0.437413
1262	1187	39	nh	3126	0.432053	1.13675	-0.70469	0.251481
646	1188	34	sj	581	0.43049	0.005702	0.424788	0.429174
1436	1189	19	dt1	313	0.428655	1.5218	-1.09315	0.402567
301	1190	23	gg	2604	0.427077	-0.96392	1.391	0.471178
1800	1191	27	dt	280	0.426805	3.20824	-2.78143	0.354005
1192	1192	33	dc	614	0.423971	1.00702	-0.58305	0.455249
1309	1193	30	ga	3404	0.422968	1.2305	-0.80753	0.16276
770	1194	37	nj	3231	0.419864	0.249234	0.170629	0.414326
716	1195	26	mo	2408	0.418727	0.145753	0.272974	0.521807
477	1196	36	ok	3152	0.412433	-0.41431	0.826744	0.458297
1094	1197	37	ok	2773	0.41204	0.79994	-0.3879	0.449828
1575	1198	32	da	2735	0.408405	1.86923	-1.46082	0.359335
1839	1199	33	pa	321	0.407375	4.20016	-3.79278	0.412031
1133	1200	28	dt	3115	0.40678	0.865566	-0.45879	0.420564
714	1201	21	gt	1783	0.404	0.128341	0.275659	0.41748
1319	1202	29	in	1646	0.400946	1.24046	-0.83952	0.431349
1210	1203	40	nh	885	0.400105	1.01143	-0.61132	0.229321
1347	1204	47	or	2922	0.400053	1.28986	-0.88981	0.221042
725	1205	27	roc	3003	0.397929	0.150875	0.247054	0.39296
1544	1206	35	va	2998	0.39733	1.77042	-1.37309	0.357016
1577	1207	35	sj	2135	0.395511	1.85848	-1.46297	0.369938
1264	1208	33	az	2403	0.39408	1.10486	-0.71078	0.402816
822	1209	38	wa	2605	0.393616	0.304975	0.088641	0.384774
1438	1210	32	sdc	3255	0.392669	1.48603	-1.09336	0.414265
1259	1211	34	dc	2964	0.390911	1.0913	-0.70039	0.390758
1173	1212	24	sc	3371	0.390526	0.937006	-0.54648	0.438567
1320	1213	35	dc	2068	0.388908	1.2296	-0.84069	0.384638
892	1214	31	ga	2038	0.387636	0.430078	-0.04244	0.216373
1158	1215	28	roc	1559	0.386407	0.890976	-0.50457	0.442284
715	1216	21	co	1157	0.385901	0.111893	0.274008	0.145168
932	1217	48	or	2411	0.385364	0.504344	-0.11898	0.279689
1745	1218	34	az	3170	0.385265	2.61698	-2.23172	0.417382
1695	1219	43	oh	1248	0.383608	2.30647	-1.92286	0.399648
1251	1220	41	nh	1749	0.382534	1.06449	-0.68196	0.211358
1216	1221	35	wi	930	0.382476	1.00647	-0.62399	0.38814

1179	1222	39	wa	3237	0.382291	0.943604	-0.56131	0.47608
784	1223	22	gt	858	0.382196	0.228262	0.153935	0.404769
1087	1224	29	roc	378	0.381348	0.754735	-0.37339	0.377314
1472	1225	35	az	3048	0.380898	1.54761	-1.16671	0.398337
1527	1226	33	sdc	1070	0.378585	1.70785	-1.32927	0.444556
874	1227	20	hi	1920	0.378583	0.374925	0.003657	0.463089
1202	1228	34	mi	2617	0.378088	0.979995	-0.60191	0.395624
1122	1229	40	wa	2903	0.377097	0.817338	-0.44024	0.415424
1770	1230	38	nj	136	0.373154	2.8155	-2.44234	0.364223
1644	1231	33	li	1808	0.372645	2.06692	-1.69427	0.386364
1539	1232	36	va	1541	0.365652	1.72461	-1.35895	0.402132
1111	1233	37	va	401	0.364704	0.782978	-0.41827	0.422407
1085	1234	36	az	3133	0.364271	0.736623	-0.37235	0.418964
1543	1235	22	pit	2656	0.363115	1.73091	-1.3678	0.416713
1445	1236	23	gt	3115	0.361742	1.46679	-1.10505	0.318056
987	1237	20	dt1	123	0.359933	0.588158	-0.22823	0.416394
1072	1238	35	kc	476	0.357898	0.699909	-0.34201	0.387891
1234	1239	34	sdc	1138	0.357744	1.01377	-0.65603	0.45371
1666	1240	24	il	2905	0.356336	2.11471	-1.75837	0.416382
1499	1241	35	mi	1254	0.353553	1.62946	-1.27591	0.430914
958	1242	24	gt	94	0.351309	0.518322	-0.16701	0.385086
1180	1243	21	dt1	3398	0.351075	0.913006	-0.56193	0.365019
1642	1244	36	wi	3418	0.348646	2.04116	-1.69251	0.380462
588	1245	38	va	1610	0.346241	-0.19376	0.539999	0.430954
1379	1246	33	da	3366	0.34417	1.31889	-0.97472	0.414076
1536	1247	34	pa	2229	0.343272	1.69749	-1.35421	0.400641
1372	1248	38	ok	2424	0.342811	1.29564	-0.95283	0.422859
453	1249	22	dt1	3069	0.342807	-0.55172	0.894531	0.395901
1130	1250	49	or	3188	0.342502	0.797343	-0.45484	0.246577
758	1251	36	md	2234	0.340724	0.151175	0.18955	0.41701
1237	1252	28	wat	1246	0.339928	1.00016	-0.66023	0.19384
344	1253	32	ny	3111	0.339542	-0.88276	1.22231	0.415613
628	1254	50	or	2915	0.338854	-0.10691	0.445766	0.266842
1428	1255	25	il	2041	0.335834	1.41613	-1.08029	0.413491
1109	1256	32	oc	2960	0.331242	0.745614	-0.41437	0.497566
1474	1257	34	da	418	0.331108	1.51988	-1.18877	0.349482
1215	1258	39	ok	2765	0.330692	0.953195	-0.6225	0.397715
335	1259	35	ma	97	0.329096	-0.92854	1.25764	0.38203
414	1260	36	dc	2534	0.325004	-0.69185	1.01685	0.375017
747	1261	35	pa	2607	0.323134	0.109647	0.213487	0.518665
1380	1262	25	sc	2121	0.318987	1.29688	-0.9779	0.44463
1607	1263	22	co	2859	0.318698	1.87756	-1.55887	0.115114
1123	1264	44	oh	1270	0.316864	0.7578	-0.44094	0.389703
1031	1265	26	il	3352	0.315839	0.609491	-0.29365	0.434853
1071	1266	25	gt	2000	0.313517	0.655437	-0.34192	0.410926
1395	1267	36	pa	1370	0.313053	1.32577	-1.01272	0.414713
1810	1268	36	ma	2589	0.312847	3.1992	-2.88635	0.329574

829	1269	37	md	1719	0.305809	0.232713	0.073095	0.396243
1401	1270	30	roc	639	0.304444	1.33603	-1.03159	0.412307
1113	1271	33	ny	1635	0.303749	0.726557	-0.42281	0.308904
1752	1272	31	roc	3181	0.300081	2.59509	-2.295	0.369268
1008	1273	34	ny	2933	0.299485	0.556645	-0.25716	0.262711
1265	1274	37	wi	2077	0.297627	1.01247	-0.71485	0.457937
741	1275	26	gt	1596	0.296844	0.073609	0.223235	0.363136
1483	1276	35	sd	2827	0.295938	1.51384	-1.2179	0.395533
1358	1277	35	ny	2573	0.294675	1.20447	-0.9098	0.356027
1021	1278	40	ok	2004	0.293588	0.562557	-0.26897	0.404769
1555	1279	37	az	498	0.292065	1.6974	-1.40534	0.442712
1790	1280	36	ny	380	0.291733	2.92316	-2.63143	0.28714
1690	1281	30	in	461	0.291517	2.17765	-1.88614	0.380875
1121	1282	36	kc	2346	0.28982	0.729478	-0.43966	0.409387
1274	1283	26	sc	2187	0.286903	1.01527	-0.72836	0.469517
764	1284	34	li	353	0.284495	0.107717	0.176778	0.54028
1076	1285	51	or	2550	0.283146	0.641885	-0.35874	0.223257
818	1286	41	wa	2517	0.283076	0.189115	0.093961	0.38786
1515	1287	24	gg	2617	0.28203	1.58181	-1.29978	0.415173
1120	1288	36	sj	2473	0.28135	0.720225	-0.43888	0.413439
1830	1289	38	wi	2709	0.280042	3.61483	-3.33479	0.400597
590	1290	36	sd	3041	0.2798	-0.25903	0.538833	0.474544
1722	1291	27	il	2462	0.276381	2.34687	-2.07049	0.36255
1020	1292	32	ga	1414	0.275367	0.544218	-0.26885	0.181462
1149	1293	43	ca	3271	0.275312	0.766386	-0.49107	0.495573
1191	1294	25	gg	894	0.275083	0.857943	-0.58286	0.436158
1023	1295	52	or	3213	0.274895	0.546672	-0.27178	0.206939
577	1296	53	or	1571	0.274192	-0.28331	0.557501	0.217981
1370	1297	41	ok	1561	0.273685	1.21705	-0.94336	0.393299
1764	1298	39	va	3258	0.273658	2.66885	-2.3952	0.368886
1832	1299	37	kc	1723	0.273373	3.63973	-3.36635	0.362098
1457	1300	42	nh	2386	0.272377	1.404	-1.13163	0.162894
1261	1301	44	ca	702	0.272202	0.976667	-0.70446	0.454417
1051	1302	37	pa	2539	0.270445	0.593236	-0.32279	0.418283
1563	1303	29	dt	1023	0.270344	1.69932	-1.42897	0.373263
1665	1304	38	az	1852	0.268122	2.02609	-1.75797	0.437895
1776	1305	39	nj	714	0.26738	2.73985	-2.47247	0.402726
649	1306	42	ok	2723	0.263854	-0.15436	0.418214	0.448771
1172	1307	37	ny	3017	0.262724	0.805825	-0.5431	0.306362
1327	1308	42	wa	360	0.261679	1.12007	-0.85839	0.477752
930	1309	40	va	1599	0.261233	0.377061	-0.11583	0.432501
489	1310	37	sd	2339	0.26111	-0.53502	0.796133	0.477104
393	1311	38	kc	1769	0.260855	-0.81346	1.07432	0.43728
1045	1312	54	or	956	0.256705	0.567486	-0.31078	0.251177
734	1313	37	dc	612	0.256287	0.018427	0.23786	0.371571
1439	1314	45	ca	1047	0.254991	1.35107	-1.09608	0.418113
754	1315	38	dc	701	0.25452	0.057475	0.197045	0.382394

749	1316	35	da	2985	0.254064	0.043983	0.210081	0.356904
1183	1317	40	nj	2344	0.250558	0.81917	-0.56861	0.472572
1606	1318	43	ok	2333	0.250029	1.8034	-1.55338	0.343846
788	1319	23	co	2275	0.24909	0.097558	0.151532	0.129214
1508	1320	41	nj	709	0.24859	1.53679	-1.2882	0.443917
1609	1321	33	ga	1877	0.245708	1.80743	-1.56172	0.174012
1146	1322	34	ga	587	0.244317	0.730216	-0.4859	0.181581
673	1323	21	hi	3306	0.242825	-0.11041	0.353231	0.487875
1583	1324	43	wa	2926	0.242457	1.71297	-1.47051	0.471108
1331	1325	36	da	3240	0.240261	1.10736	-0.8671	0.370505
1170	1326	25	la	57	0.240219	0.777301	-0.53708	0.359755
1510	1327	23	dt1	280	0.239066	1.53415	-1.29509	0.427318
1313	1328	45	oh	2392	0.235704	1.05639	-0.82069	0.328875
1794	1329	36	mi	2015	0.234746	2.97891	-2.74416	0.366496
724	1330	37	ma	1754	0.232883	-0.01587	0.248748	0.364801
1244	1331	44	ok	2829	0.231947	0.911178	-0.67923	0.414806
1711	1332	24	dt1	302	0.22828	2.23089	-2.00261	0.357561
890	1333	39	dc	2121	0.227879	0.261482	-0.0336	0.444185
1303	1334	41	va	3361	0.227116	1.0202	-0.79309	0.381937
1771	1335	42	va	2186	0.22241	2.66882	-2.44641	0.36637
808	1336	35	ga	3174	0.21948	0.107729	0.111751	0.237357
1101	1337	38	ma	1350	0.218935	0.616159	-0.39722	0.419059
454	1338	40	dc	1849	0.21723	-0.67295	0.890178	0.440681
1500	1339	32	roc	1640	0.21585	1.49389	-1.27804	0.345215
1469	1340	31	in	1747	0.215304	1.37417	-1.15886	0.44778
1448	1341	45	ok	2777	0.214479	1.3256	-1.11112	0.375021
1317	1342	41	dc	116	0.213992	1.04711	-0.83312	0.359853
1396	1343	37	sj	751	0.212707	1.2297	-1.01699	0.391188
1367	1344	30	dt	2224	0.207175	1.14557	-0.9384	0.405655
745	1345	42	dc	1900	0.20576	-0.01002	0.215783	0.395755
1163	1346	38	sdc	1372	0.205093	0.726774	-0.52168	0.377801
1279	1347	22	hi	1548	0.200551	0.941435	-0.74088	0.455603
797	1348	38	ny	2205	0.198537	0.060574	0.137963	0.387773
1260	1349	39	az	3380	0.196862	0.901296	-0.70443	0.440843
1421	1350	39	ma	1761	0.196725	1.25545	-1.05873	0.42898
1411	1351	44	wa	949	0.19666	1.24114	-1.04448	0.405778
1648	1352	27	sc	1915	0.195207	1.89403	-1.69882	0.393963
1614	1353	27	mo	1178	0.194068	1.77436	-1.58029	0.422096
1387	1354	23	pit	2641	0.19292	1.19175	-0.99883	0.385173
1330	1355	36	ga	3140	0.188596	1.05426	-0.86566	0.214027
972	1356	24	pit	1743	0.184213	0.376361	-0.19215	0.480529
688	1357	37	ga	2967	0.182561	-0.13862	0.321176	0.21215
567	1358	42	nj	2607	0.181787	-0.39607	0.577855	0.481378
1341	1359	27	gt	904	0.181155	1.06552	-0.88436	0.371089
944	1360	23	hi	2477	0.180012	0.328582	-0.14857	0.377678
1032	1361	28	il	648	0.179209	0.472905	-0.2937	0.415776
698	1362	28	gt	3423	0.1784	-0.12937	0.307772	0.421771

1187	1363	43	va	540	0.172186	0.751203	-0.57902	0.362522
1171	1364	40	az	1828	0.172118	0.711845	-0.53973	0.376748
1250	1365	46	ca	207	0.168437	0.850155	-0.68172	0.410454
949	1366	25	dt1	519	0.165122	0.319314	-0.15419	0.401284
1174	1367	29	wat	2625	0.16452	0.713534	-0.54901	0.186122
856	1368	29	gt	818	0.164305	0.133774	0.030532	0.385447
555	1369	33	roc	578	0.161702	-0.44664	0.608337	0.449448
1277	1370	39	fl	2023	0.161071	0.890905	-0.72983	0.473019
826	1371	39	ny	1396	0.160855	0.075776	0.085078	0.286458
985	1372	26	dt1	903	0.159776	0.384024	-0.22425	0.387266
1350	1373	26	gg	3398	0.156912	1.05472	-0.89781	0.441394
1697	1374	32	in	3301	0.15593	2.08452	-1.92859	0.361583
1632	1375	40	ma	2876	0.153614	1.81826	-1.66465	0.367317
1586	1376	33	is	3388	0.153494	1.62934	-1.47584	0.307227
834	1377	39	wi	2500	0.152532	0.086502	0.066031	0.407004
1627	1378	24	hi	2504	0.150044	1.79661	-1.64656	0.438253
1044	1379	43	dc	2819	0.149769	0.457938	-0.30817	0.441915
1818	1380	34	is	3083	0.145679	3.14546	-2.99978	0.182227
1125	1381	40	ny	421	0.143967	0.589036	-0.44507	0.355717
1604	1382	38	md	1893	0.143133	1.68757	-1.54444	0.432624
685	1383	39	kc	1764	0.143131	-0.18375	0.326879	0.442632
1009	1384	46	ok	2389	0.140925	0.398323	-0.2574	0.429266
1050	1385	38	ga	1999	0.139018	0.458051	-0.31903	0.186201
1716	1386	37	da	2283	0.138376	2.18684	-2.04846	0.394713
748	1387	39	ga	2918	0.132488	-0.08024	0.212726	0.252972
1305	1388	40	fl	1251	0.132449	0.930066	-0.79762	0.440771
1782	1389	31	dt	1701	0.131141	2.64513	-2.51399	0.36772
1785	1390	44	va	1413	0.128038	2.69719	-2.56915	0.427667
1209	1391	40	ga	2393	0.125812	0.736337	-0.61053	0.20319
1769	1392	33	oc	3421	0.122901	2.55196	-2.42906	0.447873
1619	1393	29	il	3107	0.12143	1.724	-1.60257	0.371149
1693	1394	30	gt	2245	0.119142	2.01265	-1.89351	0.340851
1605	1395	33	in	2368	0.119028	1.66568	-1.54665	0.344618
1668	1396	43	nj	237	0.117898	1.8989	-1.781	0.418154
1055	1397	27	dt1	2050	0.117681	0.4422	-0.32452	0.376051
886	1398	38	pa	304	0.116246	0.1397	-0.02345	0.4114
1422	1399	30	il	2432	0.116004	1.17607	-1.06007	0.439234
1269	1400	45	va	809	0.115658	0.836669	-0.72101	0.362235
1564	1401	40	kc	1984	0.115213	1.54555	-1.43033	0.36839
483	1402	24	co	3200	0.109079	-0.70993	0.81901	0.138901
1465	1403	45	wa	2928	0.108623	1.26197	-1.15335	0.459234
969	1404	44	nj	41	0.107173	0.29372	-0.18655	0.43875
1383	1405	46	va	1236	0.106758	1.09532	-0.98856	0.351362
1019	1406	31	il	2725	0.105382	0.373748	-0.26837	0.402879
1213	1407	41	ma	2262	0.10514	0.723684	-0.61854	0.359014
801	1408	38	da	1817	0.104367	-0.02434	0.128711	0.369323
1701	1409	47	ca	580	0.103779	2.0547	-1.95092	0.401243

1496	1410	27	gg	1322	0.102393	1.36062	-1.25823	0.414632
1188	1411	38	sj	2159	0.102012	0.6817	-0.57969	0.407503
1150	1412	31	gt	857	0.101578	0.595784	-0.49421	0.41022
1390	1413	44	dc	3279	0.100347	1.10602	-1.00568	0.350256
875	1414	41	ny	371	0.099985	0.097904	0.002081	0.305122
1030	1415	32	gt	1896	0.099397	0.391571	-0.29217	0.442973
1662	1416	46	wa	2925	0.097451	1.84678	-1.74933	0.422197
1719	1417	28	dt1	94	0.09732	2.15624	-2.05891	0.349262
1147	1418	41	ga	2420	0.096982	0.584691	-0.48771	0.179075
1624	1419	28	gg	468	0.096396	1.73184	-1.63544	0.380262
1534	1420	40	wi	1675	0.094477	1.4399	-1.34542	0.408242
1585	1421	42	ny	1617	0.094293	1.5699	-1.4756	0.300471
1256	1422	47	va	2890	0.092488	0.787449	-0.69496	0.392914
825	1423	34	roc	3015	0.091518	0.004799	0.086719	0.366416
434	1424	35	is	2231	0.091321	-0.86153	0.952849	0.103395
598	1425	45	dc	48	0.090609	-0.43398	0.524592	0.397861
831	1426	25	co	159	0.089231	0.018446	0.070785	0.143829
609	1427	32	dt	818	0.088062	-0.41078	0.498847	0.415658
931	1428	41	wi	1736	0.08712	0.204466	-0.11735	0.439607
1677	1429	28	mo	1448	0.085478	1.90053	-1.81505	0.447083
1728	1430	29	mo	1444	0.081479	2.1989	-2.11742	0.401568
1212	1431	25	hi	2932	0.079301	0.696454	-0.61715	0.464945
929	1432	42	ga	1795	0.077407	0.192324	-0.11492	0.187561
1735	1433	41	fl	2797	0.077238	2.24386	-2.16662	0.445741
1228	1434	41	az	39	0.076576	0.715585	-0.63901	0.375575
779	1435	55	or	2521	0.07498	-0.08733	0.162313	0.269585
1186	1436	48	va	75	0.072897	0.651449	-0.57855	0.425307
1601	1437	29	dt1	3097	0.071322	1.59606	-1.52474	0.341822
1629	1438	46	dc	3208	0.071097	1.72802	-1.65692	0.319589
391	1439	42	ma	1100	0.068055	-1.00694	1.07499	0.417448
1323	1440	42	wi	3147	0.067079	0.916666	-0.84959	0.406299
782	1441	39	md	287	0.066345	-0.09159	0.157939	0.403643
1819	1442	29	gg	70	0.066333	3.1164	-3.05006	0.406748
1570	1443	35	li	2027	0.065003	1.5174	-1.4524	0.432479
1670	1444	36	is	3087	0.064909	1.85314	-1.78823	0.132459
1823	1445	41	kc	2560	0.062698	3.23031	-3.16762	0.380314
630	1446	39	sdh	2984	0.062499	-0.38089	0.443389	0.439762
1462	1447	43	ma	2593	0.061364	1.20657	-1.14521	0.371086
1841	1448	44	ma	3148	0.059333	3.92594	-3.86661	0.383455
1712	1449	30	mo	2219	0.053212	2.06516	-2.01195	0.419225
1525	1450	40	md	708	0.053062	1.37745	-1.32438	0.427054
1037	1451	31	mo	2164	0.051849	0.348883	-0.29703	0.456581
795	1452	43	ny	1302	0.051034	-0.08803	0.139066	0.31064
1393	1453	43	ga	1788	0.050379	1.06184	-1.01146	0.223665
1160	1454	39	da	2936	0.048905	0.562364	-0.51346	0.408008
896	1455	47	wa	2904	0.04694	0.103171	-0.05623	0.412594
1747	1456	43	wi	2946	0.04671	2.3058	-2.25909	0.386566

1514	1457	39	sj	2367	0.046345	1.34598	-1.29964	0.451629
1521	1458	26	co	1410	0.044832	1.35718	-1.31235	0.091003
1706	1459	36	li	270	0.043917	2.02303	-1.97912	0.419793
618	1460	44	wi	1652	0.04087	-0.43666	0.477534	0.417113
1526	1461	40	sdc	2493	0.040667	1.36831	-1.32764	0.425745
1195	1462	43	nh	2342	0.031152	0.618303	-0.58715	0.217253
1850	1463	34	oc	302	0.026884	5.55967	-5.53279	0.418172
1417	1464	45	ma	1699	0.026717	1.07449	-1.04777	0.437588
1409	1465	35	roc	522	0.02512	1.06706	-1.04194	0.395178
879	1466	46	oh	695	0.024751	0.025018	-0.00027	0.402435
1294	1467	27	co	1339	0.02452	0.797446	-0.77293	0.100954
1622	1468	42	kc	2008	0.023151	1.64755	-1.6244	0.388319
1523	1469	47	oh	578	0.017939	1.33174	-1.3138	0.397848
1338	1470	32	il	3135	0.014823	0.894945	-0.88012	0.445222
1824	1471	25	pit	3260	0.010748	3.24156	-3.23082	0.397877
631	1472	56	or	360	0.008782	-0.43432	0.443101	0.271829
1480	1473	34	in	2909	0.008227	1.21738	-1.20915	0.40182
1419	1474	40	sj	3022	0.006765	1.06237	-1.05561	0.397553
399	1475	40	da	1785	0.005727	-1.05777	1.06349	0.500968
1151	1476	42	az	1159	0.004305	0.499414	-0.49511	0.467869
738	1477	30	dt1	322	0.002898	-0.2303	0.233198	0.397981
468	1478	45	nj	3314	0.002022	-0.84448	0.846503	0.450588
924	1479	48	wa	372	0.001672	0.11246	-0.11079	0.424168
1674	1480	30	gg	494	0.000845	1.80797	-1.80712	0.405833
902	1481	47	ok	2842	0.000613	0.06996	-0.06935	0.436898
682	1482	44	nh	1824	-0.00068	-0.33433	0.333653	0.203503
1765	1483	37	mi	857	-0.00355	2.39325	-2.39681	0.400917
1458	1484	33	gt	3098	-0.0055	1.12815	-1.13365	0.394911
1139	1485	43	kc	135	-0.00574	0.46673	-0.47247	0.455773
1418	1486	46	nj	1382	-0.00707	1.04745	-1.05452	0.451466
918	1487	44	ny	3204	-0.00792	0.082492	-0.09041	0.300409
1304	1488	41	md	2849	-0.0115	0.781966	-0.79346	0.422484
1558	1489	31	dt1	2960	-0.01258	1.40334	-1.41592	0.342359
1311	1490	38	mi	2604	-0.0142	0.794643	-0.80884	0.455627
1748	1491	35	in	1760	-0.01432	2.2537	-2.26802	0.406392
1715	1492	41	sj	2628	-0.01513	2.02864	-2.04378	0.428365
1141	1493	28	sc	1959	-0.016	0.458931	-0.47493	0.50056
881	1494	48	oh	3209	-0.02198	-0.02044	-0.00154	0.494127
1437	1495	42	sj	2144	-0.02257	1.07077	-1.09335	0.44277
773	1496	48	ca	3295	-0.02349	-0.18988	0.166395	0.376999
1713	1497	42	fl	2916	-0.02357	1.99863	-2.0222	0.461513
1663	1498	49	wa	3220	-0.02387	1.72561	-1.74947	0.423568
940	1499	43	sj	2643	-0.03015	0.101263	-0.13141	0.425074
1388	1500	43	az	980	-0.03116	0.969307	-1.00047	0.393697
1301	1501	26	la	3228	-0.03131	0.756067	-0.78738	0.369752
1505	1502	49	ca	606	-0.03185	1.25356	-1.28541	0.434322
1344	1503	44	az	698	-0.03231	0.8557	-0.88801	0.421854



1392	1504	36	in	3180	-0.03604	0.971802	-1.00785	0.450038
1315	1505	49	va	1095	-0.0387	0.788288	-0.82699	0.349258
410	1506	50	va	1418	-0.0413	-1.0663	1.025	0.412113
1201	1507	45	az	1290	-0.04179	0.559121	-0.60091	0.402327
1802	1508	45	wi	3381	-0.04262	2.75621	-2.79883	0.445502
1355	1509	44	kc	1782	-0.04369	0.864697	-0.90839	0.408656
1616	1510	45	kc	931	-0.04529	1.54542	-1.59071	0.395851
869	1511	50	wa	1510	-0.04555	-0.05191	0.006367	0.420096
978	1512	45	nh	213	-0.0468	0.160799	-0.2076	0.19733
1707	1513	46	nh	1289	-0.04787	1.93515	-1.98301	0.17561
1200	1514	33	dt	240	-0.051	0.545209	-0.59621	0.37328
1720	1515	43	fl	1369	-0.05267	2.00756	-2.06023	0.406847
1292	1516	28	co	2972	-0.05489	0.709488	-0.76438	0.100769
1470	1517	47	nj	335	-0.05661	1.10802	-1.16463	0.449844
1533	1518	41	sdc	3195	-0.05904	1.27776	-1.3368	0.396017
1324	1519	51	wa	492	-0.06065	0.791552	-0.8522	0.441358
1799	1520	47	dc	2962	-0.06138	2.71889	-2.78027	0.312387
1723	1521	50	ca	1702	-0.06213	2.01372	-2.07584	0.36886
1384	1522	29	co	1332	-0.06294	0.929162	-0.9921	0.080519
1787	1523	44	fl	3376	-0.06787	2.51899	-2.58686	0.429551
1425	1524	42	md	53	-0.06903	0.996745	-1.06577	0.392709
1394	1525	51	va	2434	-0.06934	0.943006	-1.01235	0.382972
359	1526	31	gg	2337	-0.06984	-1.23999	1.17016	0.480965
880	1527	26	pit	2544	-0.07043	-0.06894	-0.00149	0.424895
765	1528	27	pit	128	-0.07159	-0.24831	0.176728	0.38837
1551	1529	46	wi	269	-0.07429	1.32059	-1.39488	0.387203
794	1530	45	ny	369	-0.07912	-0.21841	0.139288	0.31157
1371	1531	48	dc	176	-0.081	0.867875	-0.94888	0.375131
1795	1532	34	dt	313	-0.08419	2.67822	-2.76241	0.39233
1461	1533	41	da	3037	-0.08439	1.059	-1.14339	0.418688
1017	1534	30	co	1817	-0.08478	0.180433	-0.26521	0.096034
1530	1535	28	pit	2279	-0.08552	1.24688	-1.3324	0.411752
1286	1536	52	va	3072	-0.08596	0.66705	-0.75301	0.442181
1337	1537	42	da	2843	-0.08656	0.78743	-0.87399	0.376537
1142	1538	42	sdc	357	-0.08911	0.39119	-0.4803	0.433842
1671	1539	35	dt	1998	-0.09033	1.70168	-1.79201	0.356042
887	1540	46	ma	1474	-0.09291	-0.06439	-0.02852	0.35751
1738	1541	36	roc	1405	-0.09658	2.08215	-2.17873	0.362596
1836	1542	51	ca	1644	-0.09668	3.5429	-3.63959	0.385073
1654	1543	52	wa	3218	-0.10073	1.62708	-1.72781	0.438057
617	1544	31	co	3198	-0.10121	-0.58445	0.483243	0.113778
983	1545	46	az	2486	-0.10379	0.116304	-0.22009	0.387206
1736	1546	43	md	3307	-0.10417	2.06686	-2.17102	0.392616
1164	1547	53	wa	2921	-0.10677	0.415497	-0.52226	0.426655
1631	1548	49	oh	1450	-0.10732	1.5563	-1.66362	0.401792
1504	1549	44	sj	766	-0.10786	1.17458	-1.28244	0.36332
1672	1550	47	ma	2888	-0.10923	1.68435	-1.79358	0.410017

1827	1551	39	mi	1896	-0.11121	3.13851	-3.24972	0.381058
412	1552	33	il	2769	-0.11131	-1.13111	1.01981	0.411754
1750	1553	39	pa	1791	-0.11648	2.17121	-2.28769	0.413194
564	1554	44	ga	2119	-0.11671	-0.70355	0.586837	0.28795
639	1555	46	kc	2334	-0.12049	-0.55251	0.432025	0.442515
1584	1556	48	nj	869	-0.12137	1.34976	-1.47113	0.415007
1199	1557	48	ok	3247	-0.12155	0.473789	-0.59534	0.401966
1641	1558	54	wa	2927	-0.12348	1.55863	-1.68211	0.34465
1059	1559	47	az	2196	-0.12357	0.202052	-0.32562	0.42568
1560	1560	37	li	417	-0.12394	1.298	-1.42194	0.440452
1658	1561	35	oc	1701	-0.12529	1.61491	-1.7402	0.396904
1456	1562	36	oc	1023	-0.12667	1.00372	-1.13038	0.507979
1495	1563	34	gt	2719	-0.12884	1.12375	-1.25259	0.358255
1440	1564	43	da	3370	-0.13149	0.965407	-1.0969	0.446967
763	1565	49	ok	2571	-0.1328	-0.3108	0.178003	0.433027
1352	1566	35	gt	74	-0.13475	0.765769	-0.90051	0.354957
1777	1567	49	nj	2265	-0.13583	2.35003	-2.48586	0.39852
1168	1568	27	la	1920	-0.13615	0.393704	-0.52986	0.304322
1333	1569	48	ma	2079	-0.14032	0.728217	-0.86854	0.415343
1012	1570	46	ny	2203	-0.14074	0.117482	-0.25822	0.291171
1554	1571	34	il	2112	-0.14214	1.26132	-1.40346	0.391321
1162	1572	57	or	2635	-0.14308	0.372074	-0.51515	0.175613
1503	1573	36	dt	1941	-0.14692	1.13551	-1.28243	0.416851
1579	1574	49	dc	1370	-0.15212	1.31472	-1.46684	0.378159
1190	1575	48	az	3187	-0.15213	0.430183	-0.58231	0.401974
1300	1576	45	ga	3224	-0.15375	0.630931	-0.78469	0.163038
1615	1577	37	dt	3175	-0.15393	1.43205	-1.58598	0.423903
1798	1578	37	oc	326	-0.15434	2.62151	-2.77586	0.43779
1597	1579	53	va	2988	-0.15595	1.34912	-1.50507	0.35279
1416	1580	36	gt	2015	-0.15746	0.88947	-1.04693	0.389659
791	1581	44	md	1748	-0.15857	-0.29967	0.1411	0.389038
755	1582	58	or	2990	-0.15942	-0.3548	0.195377	0.21819
1803	1583	37	in	1555	-0.1595	2.64934	-2.80883	0.367647
1815	1584	45	sj	114	-0.15952	2.81178	-2.97131	0.48918
1126	1585	54	va	539	-0.16092	0.286924	-0.44785	0.432639
1744	1586	47	wi	1781	-0.16352	2.06408	-2.22761	0.389377
1618	1587	47	kc	2354	-0.16958	1.42131	-1.59088	0.378623
1435	1588	45	md	2534	-0.17212	0.920777	-1.0929	0.3799
1639	1589	32	mo	2893	-0.17372	1.50421	-1.67793	0.397244
1778	1590	48	wi	1864	-0.17711	2.31876	-2.49586	0.355856
1796	1591	46	sj	3156	-0.17863	2.5932	-2.77183	0.354369
1451	1592	28	la	1818	-0.17997	0.940551	-1.12052	0.309056
1351	1593	55	va	2028	-0.18168	0.718534	-0.90021	0.409247
1102	1594	45	fl	168	-0.18179	0.215763	-0.39756	0.471395
907	1595	50	dc	1529	-0.18376	-0.10583	-0.07793	0.370938
1749	1596	33	mo	3330	-0.18397	2.0986	-2.28257	0.436511
1727	1597	38	oc	1188	-0.18625	1.93112	-2.11737	0.404468

1724	1598	38	in	1327	-0.1865	1.89203	-2.07853	0.409111
1478	1599	48	kc	1775	-0.1887	1.00624	-1.19494	0.376498
1397	1600	32	co	2250	-0.1915	0.826261	-1.01777	0.08764
941	1601	50	nj	2577	-0.19166	-0.04636	-0.1453	0.432497
1077	1602	33	co	1357	-0.19202	0.170084	-0.3621	0.152739
1442	1603	51	nj	1616	-0.19208	0.907587	-1.09967	0.450287
1837	1604	38	li	2785	-0.19689	3.45951	-3.6564	0.416603
1481	1605	49	az	2449	-0.19698	1.0123	-1.20928	0.40484
1336	1606	32	gg	3421	-0.2026	0.671064	-0.87366	0.39184
1596	1607	40	mi	1677	-0.20408	1.29965	-1.50374	0.414434
1708	1608	52	nj	1228	-0.20428	1.78175	-1.98603	0.35954
1459	1609	29	la	1398	-0.20806	0.925589	-1.13365	0.368741
1175	1610	41	mi	858	-0.20819	0.344287	-0.55247	0.395805
783	1611	30	la	3364	-0.20886	-0.36466	0.155795	0.348309
1368	1612	26	hi	2896	-0.21294	0.728322	-0.94126	0.422845
824	1613	39	li	810	-0.21683	-0.30388	0.087051	0.449695
1181	1614	56	va	1908	-0.21699	0.346892	-0.56388	0.413871
1468	1615	46	md	2537	-0.231	0.927725	-1.15873	0.341095
921	1616	46	ga	2415	-0.23111	-0.12651	-0.1046	0.162408
1633	1617	52	ca	691	-0.23259	1.43231	-1.6649	0.425593
1450	1618	50	ok	2435	-0.23525	0.883689	-1.11894	0.382289
1165	1619	43	sd	2193	-0.2371	0.285423	-0.52252	0.408186
1356	1620	59	or	1778	-0.24363	0.665197	-0.90882	0.168352
1660	1621	50	oh	677	-0.24693	1.49828	-1.74522	0.334276
1415	1622	49	kc	1997	-0.2487	0.797313	-1.04601	0.421246
526	1623	47	ny	395	-0.24929	-0.94847	0.699179	0.314484
1231	1624	47	sj	675	-0.25022	0.3968	-0.64702	0.443406
1548	1625	57	va	619	-0.25388	1.12829	-1.38217	0.413244
1402	1626	55	wa	2990	-0.2545	0.778609	-1.03311	0.408565
1364	1627	51	oh	2279	-0.25595	0.674458	-0.9304	0.436171
1718	1628	47	ga	2007	-0.25995	1.7919	-2.05185	0.158395
1731	1629	49	wi	2547	-0.26149	1.88088	-2.14237	0.334789
1038	1630	44	sd	815	-0.26927	0.028626	-0.29789	0.421273
1511	1631	48	sj	2456	-0.27096	1.02451	-1.29547	0.424902
1501	1632	53	nj	1367	-0.27153	1.00717	-1.2787	0.383781
1553	1633	58	va	3359	-0.27273	1.13011	-1.40284	0.348913
1572	1634	56	wa	1359	-0.27316	1.18413	-1.45729	0.426055
1360	1635	37	roc	1585	-0.274	0.64291	-0.91691	0.337605
993	1636	50	kc	2357	-0.27422	-0.03987	-0.23434	0.424838
1221	1637	32	dt1	3175	-0.27538	0.351775	-0.62715	0.39129
1095	1638	51	dc	2537	-0.28063	0.108313	-0.38895	0.408604
1687	1639	48	ny	806	-0.28112	1.58986	-1.87098	0.307478
1829	1640	30	wat	1075	-0.28147	3.04053	-3.322	0.223401
1413	1641	37	gt	1189	-0.28221	0.763018	-1.04522	0.357987
1576	1642	49	ny	2895	-0.28461	1.17823	-1.46283	0.291605
1637	1643	51	kc	2996	-0.28512	1.39037	-1.67549	0.383055
510	1644	57	wa	2147	-0.2854	-1.03374	0.748335	0.500772

1673	1645	35	il	81	-0.28571	1.51158	-1.79729	0.388956
1446	1646	34	co	2945	-0.28712	0.818307	-1.10542	0.146537
1546	1647	29	sc	1293	-0.29238	1.08645	-1.37883	0.450706
1385	1648	40	li	3171	-0.29262	0.702191	-0.99481	0.431483
1710	1649	31	la	2183	-0.29379	1.70143	-1.99521	0.334096
968	1650	50	ny	2554	-0.29459	-0.11138	-0.18321	0.263083
1492	1651	33	gg	548	-0.29636	0.946512	-1.24287	0.431078
1506	1652	51	ok	1863	-0.29665	0.990172	-1.28682	0.35256
1822	1653	36	il	3177	-0.29776	2.85778	-3.15554	0.366555
1772	1654	58	wa	2412	-0.29782	2.16164	-2.45946	0.374486
1649	1655	37	il	2364	-0.30182	1.41587	-1.71768	0.387854
1410	1656	35	co	1361	-0.30345	0.740904	-1.04436	0.164039
1645	1657	53	ca	362	-0.31211	1.3834	-1.69551	0.365926
1655	1658	50	az	2443	-0.31353	1.41577	-1.72931	0.395159
1463	1659	52	dc	1123	-0.31472	0.833212	-1.14793	0.398691
1354	1660	48	ga	1319	-0.31902	0.586426	-0.90545	0.223326
1335	1661	40	pa	316	-0.31986	0.553409	-0.87327	0.378687
1447	1662	51	ny	1340	-0.32364	0.783654	-1.1073	0.37004
928	1663	60	or	3013	-0.32605	-0.21289	-0.11316	0.201615
1373	1664	44	da	2947	-0.32654	0.629895	-0.95644	0.377088
1063	1665	36	co	443	-0.33169	0.001712	-0.33341	0.105599
1420	1666	59	wa	2929	-0.33224	0.72342	-1.05566	0.395962
1152	1667	45	da	3282	-0.33289	0.162922	-0.49581	0.359427
1224	1668	52	kc	1777	-0.33458	0.298434	-0.63301	0.391239
1689	1669	51	az	2844	-0.34094	1.53416	-1.87509	0.440694
1528	1670	46	da	2857	-0.34819	0.981212	-1.3294	0.373543
1552	1671	54	ca	2584	-0.34932	1.05148	-1.4008	0.415009
1566	1672	59	va	2107	-0.34986	1.08679	-1.43665	0.355542
1271	1673	37	co	1583	-0.35035	0.372696	-0.72305	0.122854
1140	1674	55	ca	2085	-0.35096	0.123084	-0.47405	0.377204
1574	1675	45	sdc	981	-0.35476	1.10588	-1.46064	0.407589
1455	1676	52	ny	334	-0.36915	0.757487	-1.12664	0.322607
1403	1677	53	dc	2914	-0.37359	0.662396	-1.03598	0.398935
1547	1678	53	ny	2579	-0.37699	1.00206	-1.37905	0.339162
1497	1679	38	il	2022	-0.38233	0.887038	-1.26936	0.381826
1680	1680	49	ma	2871	-0.38263	1.45235	-1.83497	0.33565
1617	1681	34	gg	470	-0.38264	1.20822	-1.59086	0.410601
1721	1682	49	sj	2489	-0.38293	1.68236	-2.06528	0.363164
1054	1683	52	ok	2461	-0.38351	-0.05919	-0.32432	0.392145
1135	1684	32	la	1348	-0.38352	0.079432	-0.46295	0.337675
1809	1685	50	ma	1973	-0.39422	2.48324	-2.87746	0.328277
1784	1686	47	md	1389	-0.39674	2.13018	-2.52692	0.426748
1739	1687	46	fl	3242	-0.39675	1.78542	-2.18217	0.429955
1177	1688	60	va	1793	-0.39925	0.158367	-0.55761	0.405035
1288	1689	60	wa	2930	-0.4094	0.34554	-0.75494	0.464035
1628	1690	30	sc	1436	-0.41014	1.23814	-1.64828	0.400144
640	1691	61	wa	3222	-0.41436	-0.84457	0.430205	0.469522

553	1692	54	ny	759	-0.41512	-1.0306	0.615484	0.365513
1813	1693	54	nj	423	-0.41515	2.51051	-2.92566	0.383574
1734	1694	31	sc	342	-0.41833	1.74591	-2.16425	0.375226
1773	1695	54	dc	449	-0.41877	2.04538	-2.46415	0.375678
1573	1696	35	gg	1506	-0.42184	1.03552	-1.45736	0.389689
1811	1697	41	li	2641	-0.42631	2.48658	-2.91289	0.395321
1761	1698	52	az	2850	-0.42727	1.94127	-2.36854	0.353499
1630	1699	46	sdc	696	-0.42838	1.23321	-1.66159	0.357422
1588	1700	33	dt1	1506	-0.43107	1.04974	-1.4808	0.390997
1540	1701	53	ok	2372	-0.43318	0.929693	-1.36288	0.45939
1427	1702	53	kc	2001	-0.43351	0.643642	-1.07715	0.394347
1700	1703	41	pa	1495	-0.43624	1.50466	-1.9409	0.468591
1080	1704	34	dt1	2676	-0.43937	-0.07282	-0.36655	0.338165
1471	1705	39	il	1850	-0.44533	0.719879	-1.16521	0.410486
916	1706	47	da	3369	-0.45196	-0.36316	-0.0888	0.335679
771	1707	38	roc	211	-0.4538	-0.62281	0.16901	0.451534
1714	1708	48	da	3409	-0.4579	1.56787	-2.02576	0.341852
1218	1709	29	pit	1990	-0.46776	0.157789	-0.62555	0.354043
1763	1710	38	gt	3114	-0.4692	1.92473	-2.39392	0.318649
1185	1711	52	oh	964	-0.47068	0.107214	-0.5779	0.427984
1321	1712	55	ny	3419	-0.47328	0.370762	-0.84405	0.313926
1653	1713	39	roc	1765	-0.47812	1.24608	-1.7242	0.340656
1542	1714	55	dc	1915	-0.48416	0.880066	-1.36423	0.378449
1816	1715	34	mo	2917	-0.48932	2.49511	-2.98443	0.420103
1229	1716	56	ny	1403	-0.50412	0.138314	-0.64243	0.294829
1485	1717	47	fl	1859	-0.51026	0.70999	-1.22025	0.409151
1268	1718	40	roc	1450	-0.51147	0.206823	-0.71829	0.338945
1703	1719	53	az	499	-0.51325	1.44922	-1.96247	0.435286
1227	1720	40	il	1739	-0.51513	0.123098	-0.63822	0.42203
1093	1721	47	nh	1721	-0.52062	-0.13355	-0.38707	0.215756
1479	1722	53	oh	3203	-0.53247	0.665206	-1.19768	0.437714
980	1723	41	il	3416	-0.53369	-0.31642	-0.21727	0.389
1217	1724	61	va	977	-0.54019	0.08533	-0.62552	0.391903
1656	1725	54	kc	938	-0.54226	1.1912	-1.73346	0.383055
1273	1726	57	ny	640	-0.54226	0.184698	-0.72696	0.323537
1792	1727	48	fl	1875	-0.55114	2.09859	-2.64973	0.456348
1753	1728	58	ny	3112	-0.56766	1.72787	-2.29554	0.317088
1598	1729	59	ny	1660	-0.56848	0.94196	-1.51044	0.314422
1454	1730	30	pit	117	-0.57623	0.548054	-1.12429	0.404201
1592	1731	62	va	3143	-0.58044	0.912835	-1.49328	0.320015
1581	1732	55	nj	1403	-0.58062	0.88696	-1.46758	0.363111
1729	1733	35	dt1	3002	-0.58233	1.53975	-2.12208	0.366791
1766	1734	54	oh	2835	-0.58685	1.81351	-2.40036	0.415166
1476	1735	56	ca	3408	-0.59155	0.600923	-1.19247	0.436073
1831	1736	31	pit	2603	-0.5917	2.75923	-3.35093	0.373809
1704	1737	32	sc	1539	-0.59832	1.3726	-1.97092	0.36503
1318	1738	49	ga	2751	-0.60282	0.234328	-0.83715	0.188346

1477	1739	48	md	1195	-0.60392	0.590279	-1.1942	0.387225
1804	1740	39	in	393	-0.60421	2.22164	-2.82584	0.407544
1569	1741	37	is	1943	-0.60489	0.845284	-1.45017	0.1875
1640	1742	42	li	1537	-0.60628	1.0735	-1.67979	0.395877
1232	1743	55	kc	1827	-0.60986	0.03848	-0.64834	0.436055
1664	1744	43	li	533	-0.61079	1.14076	-1.75155	0.410057
850	1745	38	co	2259	-0.6259	-0.66447	0.038569	0.108787
1432	1746	41	roc	316	-0.62631	0.461845	-1.08815	0.375593
1651	1747	56	dc	3150	-0.62781	1.09283	-1.72063	0.340943
1756	1748	62	wa	3390	-0.62874	1.7159	-2.34465	0.423997
583	1749	42	il	2151	-0.62942	-1.1785	0.549084	0.450933
1828	1750	44	li	2161	-0.63018	2.63602	-3.2662	0.399633
1559	1751	54	ok	3169	-0.63754	0.783852	-1.42139	0.352636
1599	1752	35	mo	2902	-0.63857	0.874064	-1.51263	0.373541
1812	1753	54	az	996	-0.65677	2.26619	-2.92296	0.348679
1460	1754	47	sdc	3128	-0.65791	0.482463	-1.14037	0.365609
1602	1755	27	hi	2441	-0.65808	0.876303	-1.53439	0.458621
1561	1756	33	la	1304	-0.6601	0.763389	-1.42349	0.328377
658	1757	63	wa	1425	-0.66229	-1.06129	0.399006	0.432056
995	1758	56	nj	1563	-0.66264	-0.42511	-0.23753	0.449168
1408	1759	34	la	462	-0.66909	0.371718	-1.04081	0.334864
1207	1760	55	oh	120	-0.67004	-0.06121	-0.60884	0.38696
1835	1761	57	nj	1155	-0.6726	2.94857	-3.62117	0.347408
1820	1762	42	roc	73	-0.6728	2.3799	-3.0527	0.334543
1768	1763	56	kc	2874	-0.68012	1.74149	-2.42161	0.364421
957	1764	39	co	1789	-0.68725	-0.52218	-0.16507	0.147472
1807	1765	49	fl	1390	-0.68892	2.17895	-2.86787	0.390113
1743	1766	35	la	2815	-0.68909	1.52337	-2.21247	0.308977
1849	1767	38	is	1580	-0.68925	4.45384	-5.14309	0.155864
1272	1768	55	ok	2343	-0.70059	0.024777	-0.72537	0.35031
1814	1769	50	fl	108	-0.70401	2.22552	-2.92953	0.38198
1730	1770	55	az	3321	-0.70496	1.42291	-2.12786	0.332251
1494	1771	40	co	2711	-0.70696	0.543839	-1.2508	0.088195
1223	1772	56	oh	379	-0.73114	-0.09878	-0.63237	0.395748
1325	1773	36	gg	2163	-0.73238	0.123248	-0.85563	0.409203
1507	1774	56	az	2657	-0.73767	0.54923	-1.2869	0.349816
1578	1775	49	da	2747	-0.739	0.72605	-1.46504	0.338239
1307	1776	58	nj	2789	-0.7435	0.055806	-0.7993	0.377833
1211	1777	57	oh	1274	-0.74608	-0.13408	-0.612	0.477924
1834	1778	45	li	2347	-0.74619	2.79682	-3.54301	0.409496
1659	1779	51	fl	2383	-0.76726	0.975299	-1.74256	0.460403
1801	1780	49	md	1886	-0.76738	2.02268	-2.79006	0.375308
1115	1781	46	li	352	-0.7809	-0.35067	-0.43023	0.488786
1751	1782	42	pa	834	-0.78204	1.51083	-2.29287	0.414554
1755	1783	43	roc	2340	-0.78866	1.54291	-2.33157	0.373475
1297	1784	61	or	1318	-0.79631	-0.01821	-0.7781	0.256451
1732	1785	39	is	1944	-0.80568	1.34215	-2.14783	0.112397

1808	1786	57	kc	1939	-0.81328	2.06293	-2.87621	0.343374
1612	1787	51	ma	1965	-0.82663	0.73822	-1.56485	0.378
1001	1788	60	ny	1156	-0.83219	-0.58522	-0.24697	0.246342
1365	1789	57	dc	1829	-0.83229	0.098422	-0.93071	0.365264
1589	1790	50	wi	2830	-0.83237	0.650738	-1.48311	0.376594
1522	1791	33	sc	1553	-0.83316	0.480453	-1.31361	0.382683
1779	1792	28	hi	2467	-0.84061	1.66133	-2.50194	0.417682
1797	1793	39	oc	2832	-0.84727	1.92502	-2.77229	0.393417
1793	1794	34	sc	1026	-0.84733	1.83104	-2.67837	0.398393
1733	1795	36	la	2975	-0.85257	1.29699	-2.14955	0.287854
1683	1796	50	md	2199	-0.85545	0.999471	-1.85493	0.378893
1767	1797	43	pa	2559	-0.85662	1.55535	-2.41197	0.377125
1509	1798	52	ma	1768	-0.86912	0.425672	-1.29479	0.352334
1488	1799	58	dc	2961	-0.87235	0.353601	-1.22595	0.352817
1762	1800	48	sdc	2485	-0.87653	1.50898	-2.38551	0.354879
1623	1801	52	fl	21	-0.88002	0.755322	-1.63534	0.391082
1316	1802	50	da	2805	-0.88362	-0.05166	-0.83196	0.327877
1833	1803	58	kc	2201	-0.8844	2.64092	-3.52532	0.394406
1806	1804	36	dt1	2224	-0.89143	1.95997	-2.8514	0.302729
1685	1805	41	co	1377	-0.89815	0.963927	-1.86208	0.107833
1646	1806	58	oh	2665	-0.89825	0.797725	-1.69597	0.417353
1613	1807	57	ca	1438	-0.9041	0.670279	-1.57438	0.437425
1053	1808	48	nh	3074	-0.9062	-0.58258	-0.32362	0.200895
1206	1809	64	wa	2924	-0.91725	-0.31054	-0.60671	0.392876
690	1810	61	ny	1796	-0.93387	-1.25309	0.319226	0.313244
1635	1811	49	sdc	2102	-0.93595	0.735352	-1.6713	0.376651
1843	1812	50	sj	253	-0.9458	3.01886	-3.96466	0.371561
1846	1813	40	oc	3060	-0.95623	3.52251	-4.47874	0.412035
1775	1814	59	dc	1708	-0.98091	1.48951	-2.47041	0.334419
1788	1815	59	oh	1590	-0.99337	1.6298	-2.62317	0.361711
1688	1816	51	da	2995	-1.02958	0.841875	-1.87145	0.37816
1513	1817	62	ny	1366	-1.03071	0.267306	-1.29802	0.24287
1845	1818	58	ca	2404	-1.04324	3.18568	-4.22892	0.381774
1682	1819	59	nj	1257	-1.06611	0.777519	-1.84363	0.359502
1746	1820	47	li	569	-1.09725	1.14596	-2.24321	0.370303
1557	1821	48	li	1601	-1.10687	0.305639	-1.41251	0.399719
1737	1822	60	nj	2600	-1.11366	1.0597	-2.17337	0.360893
1789	1823	60	oh	48	-1.16881	1.46123	-2.63003	0.334105
1741	1824	38	dt	1189	-1.17493	1.01511	-2.19005	0.334847
1314	1825	44	roc	1713	-1.17926	-0.35695	-0.82231	0.389496
1717	1826	59	kc	2353	-1.31039	0.739523	-2.04991	0.398544
1844	1827	61	nj	2191	-1.31645	2.79671	-4.11316	0.349307
1838	1828	44	pa	3151	-1.41458	2.34402	-3.7586	0.377327
1453	1829	52	da	3392	-1.41826	-0.29523	-1.12303	0.365649
1821	1830	53	ma	2497	-1.42009	1.6522	-3.07229	0.309467
1709	1831	63	va	3079	-1.50089	0.491726	-1.99262	0.347116
257	1832	40	is	3383	-1.50646	-3.06064	1.55419	0.417695

1556	1833	63	ny	896	-1.50958	-0.10096	-1.40862	0.239769
1817	1834	37	gg	1025	-1.60917	1.38739	-2.99656	0.374964
182	1835	41	is	2211	-1.63654	-3.48617	1.84963	0.200746
1826	1836	53	fl	408	-1.77172	1.47511	-3.24683	0.385777
1847	1837	42	is	1957	-1.80104	2.88542	-4.68645	0.144162
1308	1838	43	is	3084	-1.8039	-1.00018	-0.80372	0.106771
1061	1839	44	is	3339	-1.83743	-1.50775	-0.32968	0.212191
1840	1840	45	is	3089	-2.02709	1.80428	-3.83137	0.123585
616	1841	46	is	3420	-2.13061	-2.61428	0.483666	0.270255
571	1842	47	is	2214	-2.20302	-2.77426	0.571241	0.264146
137	1843	48	is	3063	-2.29849	-4.54408	2.24559	0.199074
861	1844	49	is	1577	-2.48703	-2.50989	0.02286	0.331276
1603	1845	50	is	1949	-2.48867	-0.95262	-1.53605	0.164609
549	1846	51	is	3368	-2.61928	-3.24561	0.626332	0.1857
170	1847	52	is	1574	-3.24977	-5.23238	1.98262	0.280736
1524	1848	53	is	2216	-3.81557	-2.49493	-1.32064	0.183899
252	1849	54	is	1937	-3.89336	-5.4588	1.56544	0.330118
1842	1850	55	is	2230	-4.19556	-0.23711	-3.95844	0.241255