2012 Ant Interactions Data

Notes: The first and last entry for each ant marks where and when the ant left the entrance chamber and entered the entrance chamber respectively. All the other entries record information on each of the interactions the focal ant experienced while in the entrance chamber. There are line spaces between each video. "x", "y" are spatial coordinate values.

Ant type 1 = Outgoing foragers

Ant type 2 = Descending ants

Ant id = labels for each ant within each video (not indicative of chronological order)

Each video was divided into frames (30 frames/sec)

Researcher Evie Pless

						frame from		
colony	date	ant id		x	у	file name	ant type	
N2	8/13/12	<u>)</u>	1	373.307175	291.674888	2303		1
N2	8/13/12	2	1	437.020179	336.446188	2269		1
N2	8/13/12	<u>)</u>	1	454.23991	360.553812	2249		1
N2	8/13/12	<u>)</u>	1	443.908072	377.773543	2242		1
N2	8/13/12	2	1	478.347534	381.217489	2204		1
N2	8/13/12	2	1	464.571749	398.43722	2195		1
N2	8/13/12	<u>)</u>	1	481.79148	425.988789	2135		1
N2	8/13/12	2	1	480.069507	389.827354	2129		1
N2	8/13/12	2	1	500.733184	345.056054	2102		1
N2	8/13/12	<u>)</u>	1	552.392377	357.109865	2085		1
N2	8/13/12	2	1	598.88565	360.553812	2005		1
N2	8/13/12	2	1	11.692825	43.710762	1977		1
N2	8/13/12	2	2	352.894366	344.443662	4283		1
N2	8/13/12	2	2	332.612676	335.992958	4278		1
N2	8/13/12	2	2	325.852113	437.401408	4186		1
N2	8/13/12	2	2	314.021127	483.035211	4138		1
N2	8/13/12	2	2	302.190141	559.091549	4119		1
N2	8/13/12	2	2	415.429577	369.795775	3962		1
N2	8/13/12	2	2	510.077465	393.457746	3880		1
N2	8/13/12	2	2	525.288732	368.105634	3864		1
N2	8/13/12	<u>-</u>	2	623.316901	356.274648	3837		1
N2	8/13/12	<u>-</u>	2	626.697183	310.640845	3798		1
N2	8/13/12	<u>-</u>	2	594.584507	325.852113	3780		1
N2	8/13/12	<u>.</u>	2	575.992958	314.021127	3776		1
N2	8/13/12	<u>.</u>	3	822.753521	286.978873	2327		1
N2	8/13/12	<u>)</u>	3	765.288732	413.739437	2164		1

N2	8/13/12	3 817.683099		2093	1
N2	8/13/12	3 814.302817	484.725352	2058	1
N2	8/13/12	3 844.725352	483.035211	2042	1
N2	8/13/12	3 907.260563	493.176056	2016	1
N2	8/13/12	3 910.640845	479.65493	1977	1
N2	8/13/12	3 922.471831	479.65493	1976	1
N2	8/13/12	3 895.429577	724.725352	1876	1
N2	8/13/12	3 587.823944	557.401408	1761	1
N2	8/13/12	3 543.880282	511.767606	1697	1
N2	8/13/12	3 525.288732	476.274648	1588	1
N2	8/13/12	3 596.274648	400.21831	1481	1
N2	8/13/12	3 577.683099	361.34507	1476	1
N2	8/13/12	3 560.78169	379.93662	1474	1
N2	8/13/12	3 603.035211	351.204225	1437	1
N2	8/13/12	3 570.922535	317.401408	1420	1
N2	8/13/12	3 574.302817	312.330986	1418	1
N2	8/13/12	4 374.814721	295.626904	5358	1
N2	8/13/12	4 528.317259	385.170051	5229	1
N2	8/13/12	4 606.895939	359.586294	5206	1
N2	8/13/12	4 574.002538	368.72335	5179	1
N2	8/13/12	4 597.758883	344.967005	5175	1
N2	8/13/12	4 586.794416	319.383249	5167	1
N2	8/13/12	4 542.936548	365.068528	5144	1
N2	8/13/12	4 517.352792	354.104061	5126	1
N2	8/13/12	4 504.560914	334.002538	5029	1
N2	8/13/12	4 510.043147	344.967005	4984	1
N2	8/13/12	4 517.352792	335.829949	4892	1
N2	8/13/12	4 539.281726	313.901015	4864	1
N2	8/13/12	5 321.819797	323.038071	7713	1
N2	8/13/12	5 351.058376	370.550761	7698	1
N2	8/13/12	5 287.098985	390.652284	7679	1
N2	8/13/12	5 318.164975	460.093909	7546	1
N2	8/13/12	5 524.662437	584.357868	7263	1
N2	8/13/12	5 493.596447	405.271574	7161	1
N2	8/13/12	5 475.322335	359.586294	7152	1
N2	8/13/12	5 471.667513	381.515228	7128	1
N2	8/13/12	5 502.733503	348.621827	7078	1
N2	8/13/12	5 564.865482	306.591371	7051	1
N2	8/13/12	6 361.091133	299.317734	1205	1
N2	8/13/12	6 440.894089	405.721675	1129	1
N2	8/13/12	6 478.135468	393.307882	1113	1
N2	8/13/12	6 474.58867	363.160099	1106	1

N2	8/13/12	6	510.05665	348.972906	1087	1
N2	8/13/12	6	510.05665	361.3867	1083	1
N2	8/13/12	6	621.780788	336.559113	1052	1
N2	8/13/12	6	593.406404	331.238916	1044	1
N2	8/13/12	6	602.273399	290.450739	1020	1
N2	8/13/12	6	589.859606	285.130542	1016	1
N2	8/13/12	7	589.859606	237.248768	8182	1
N2	8/13/12	7	586.312808	258.529557	8171	1
N2	8/13/12	7	616.460591	242.568966	8065	1
N2	8/13/12	7	598.726601	364.933498	8030	1
N2	8/13/12	7	543.751232	354.293103	8014	1
N2	8/13/12	7	559.711823	306.41133	7995	1
N2	8/13/12	7	549.071429	306.41133	7993	1
N2	8/13/12	8	784.813725	261.732493	9220	1
N2	8/13/12	8	1071.64846	708.119048	8945	1
N2	8/13/12	8	1023.2451	763.693277	8852	1
N2	8/13/12	8	811.704482	858.707283	8654	1
N2	8/13/12	8	542.796919	598.763305	8451	1
N2	8/13/12	8	521.284314	539.603641	8426	1
N2	8/13/12	8	428.063025	498.371148	8365	1
N2	8/13/12	8	458.539216	349.57563	8272	1
N2	8/13/12	8	562.516807	310.135854	8126	1
N2	8/13/12	9	329.463585	363.917367	7604	1
N2	8/13/12	9	340.219888	353.161064	7601	1
N2	8/13/12	9	324.085434	462.516807	7494	1
N2	8/13/12	9	625.261905	453.553221	7369	1
N2	8/13/12	9	671.872549	469.687675	7348	1
N2	8/13/12	9	727.446779	500.163866	7336	1
N2	8/13/12	9	630.640056	521.676471	7308	1
N2	8/13/12	9	524.869748	579.043417	7262	1
N2	8/13/12	9			7171	1
N2	8/13/12	10		326.270308	3645	1
N2	8/13/12	10	517.69888	546.77451	3521	1
N2	8/13/12		533.833333		3504	1
N2	8/13/12	10	679.043417	849.743697	3422	1
N2	8/13/12	10		591.592437	3333	1
N2	8/13/12		682.628852		3306	1
N2	8/13/12		673.665266		3248	1
N2	8/13/12		761.508403		3176	1
N2	8/13/12		709.519608		3120	1
N2	8/13/12		684.421569		3104	1
N2	8/13/12	10	637.810924	335.233894	3083	1

N2	8/13/12	10	584.029412	290.415966	3048	1
N2	8/13/12	200	557.208861	291.386076	1668	2
N2	8/13/12	200	555.689873	291.386076	1623	2
N2	8/13/12	200	549.613924		1611	2
N2	8/13/12	200	546.575949		1594	2
N2	8/13/12	200	461.512658		1575	2
N2	8/13/12	200	464.550633	321.765823	1566	2
N2	8/13/12	200	467.588608	308.094937	1564	2
N2	8/13/12	200	472.14557	314.170886	1561	2
N2	8/13/12	201	508.601266	270.120253	3759	2
N2	8/13/12	201	511.639241	273.158228	3727	2
N2	8/13/12	201	481.259494	295.943038	3660	2
N2	8/13/12	201	473.664557	291.386076	3585	2
N2	8/13/12	201	441.765823	305.056962	3567	2
N2	8/13/12	201	450.879747	311.132911	3521	2
N2	8/13/12	201	412.905063	279.234177	3287	2
N2	8/13/12	201	444.803797	309.613924	3244	2
N2	8/13/12	201	466.06962	286.829114	3230	2
N2	8/13/12	201	470.626582	321.765823	3214	2
N2	8/13/12	201	469.107595	311.132911	3194	2
N2	8/13/12	202	546.575949	297.462025	6625	2
N2	8/13/12	202	554.170886	294.424051	6600	2
N2	8/13/12	202	557.208861	289.867089	6596	2
N2	8/13/12	202	545.056962	259.487342	6576	2
N2	8/13/12	202	517.71519	292.905063	6558	2
N2	8/13/12		487.335443	308.094937	6487	2
N2	8/13/12		475.183544		6484	2
N2	8/13/12		450.879747		6453	2
N2	8/13/12		447.841772		6451	2
N2	8/13/12		438.727848		6437	2
N2	8/13/12		438.727848		6420	2
N2	8/13/12		450.879747		6417	2
N2	8/13/12		426.575949		6393	2
N2	8/13/12		411.386076		6373	2
N2	8/13/12		388.601266		6352	2
N2	8/13/12		387.082278		6334	2
N2	8/13/12		426.575949		6282	2
N2	8/13/12		437.208861		6278	2
N2	8/13/12		441.765823		6219	2
N2	8/13/12	202		303.537975	6141	2
N2	8/13/12	202	461.512658	315.689873	6086	2

N2	8/13/12	202	470.626582	305.056962	6064	2
N2	8/13/12	203	572.398734	274.677215	8440	2
N2	8/13/12	203	668.094937	280.753165	8344	2
N2	8/13/12	203	662.018987	405.310127	8289	2
N2	8/13/12	203	624.044304	339.993671	8216	2
N2	8/13/12	203	625.563291	361.259494	8207	2
N2	8/13/12	203	611.892405	364.297468	8196	2
N2	8/13/12	203	567.841772	379.487342	8162	2
N2	8/13/12	203	561.765823	285.310127	8113	2
N2	8/13/12	204	555.689873	282.272152	8601	2
N2	8/13/12	204	558.727848	288.348101	8514	2
N2	8/13/12	204	511.639241	265.563291	8384	2
N2	8/13/12	204	513.158228	273.158228	8362	2
N2	8/13/12	204	534.424051	273.158228	8341	2
N2	8/13/12	204	624.044304	192.651899	8044	2
N2	8/13/12	204	1459.48734	604.297468	7958	2
N2	8/13/12	204	630.120253	239.740506	7949	2
N2	8/13/12	204	631.639241	264.044304	7802	2
N2	8/13/12	204	583.031646	297.462025	7746	2
N2	8/13/12	204	593.664557	274.677215	7736	2
N2	8/13/12	204	567.841772	276.196203	7693	2
N2	8/14/12	1	599.861702	251.351064	1777	1
N2	8/14/12	1	599.861702	284.542553	1480	1
N2	8/14/12	1	621.56383	307.521277	1459	1
N2	8/14/12	1	639.43617	310.074468	1297	1
N2	8/14/12	2	747.946809	241.138298	1918	1
N2	8/14/12	2	760.712766	278.159574	1904	1
N2	8/14/12	2	730.074468	303.691489	1837	1
N2	8/14/12	2	717.308511	298.585106	1830	1
N2	8/14/12	3	593.478723	276.882979	2912	1
N2	8/14/12	3	638.159574	324.117021	2865	1
N2	8/14/12	3	653.478723	322.840426	2857	1
N2	8/14/12	3	656.031915	319.010638	2849	1
N2	8/14/12	4	592.202128	306.244681	4831	1
N2	8/14/12	4	647.095745	347.095745	4780	1
N2	8/14/12	4	661.138298	333.053191	4776	1
N2	8/14/12	4	641.989362	311.351064	4775	1
N2	8/14/12	4	656.031915	316.457447	4768	1
N2	8/14/12	5	786.244681	325.393617	5091	1
N2	8/14/12	5	763.265957	289.648936	5074	1
N2	8/14/12	5	761.989362	352.202128	5025	1

N2	8/14/12	5	718.585106	324.117021	4976	1
N2	8/14/12	5	712.202128	303.691489	4879	1
N2	8/14/12	5	726.244681	315.180851	4784	1
N2	8/14/12	5	661.138298	331.776596	4684	1
N2	8/14/12	5	673.904255	325.393617	4678	1
N2	8/14/12	6	574.329787	350.925532	6794	1
N2	8/14/12	6	675.180851	377.734043	6692	1
N2	8/14/12	6	593.478723	339.43617	6763	1
N2	8/14/12	6	659.861702	334.329787	6640	1
N2	8/14/12	6	653.478723	324.117021	6635	1
N2	8/14/12	7	467.095745	313.904255	7374	1
N2	8/14/12	7	487.521277	335.606383	7365	1
N2	8/14/12	7	644.542553	320.287234	7076	1
N2	8/14/12	7	658.585106	317.734043	7071	1
N2	8/14/12	8	537.308511	347.095745	7517	1
N2	8/14/12	8	544.968085	335.606383	7511	1
N2	8/14/12	8	610.074468	412.202128	7460	1
N2	8/14/12	8	639.43617	367.521277	7382	1
N2	8/14/12	8	672.62766	329.223404	7274	1
N2	8/14/12	9	593.478723	316.457447	7881	1
N2	8/14/12	9	611.351064	326.670213	7871	1
N2	8/14/12	9	594.755319	370.074468	7848	1
N2	8/14/12	9	588.37234	377.734043	7838	1
N2	8/14/12	9	664.968085	329.223404	7797	1
N2	8/14/12	9	654.755319	319.010638	7792	1
N2	8/14/12	10	599.861702	285.819149	8743	1
N2	8/14/12	10	606.244681	319.010638	8674	1
N2	8/14/12	10	644.542553	336.882979	8574	1
N2	8/14/12	10	641.989362	311.351064	8529	1
N2	8/14/12	10	656.031915	322.840426	8514	1
N2	8/14/12		710.626582		2337	2
N2	8/14/12	101	712.14557	300.5	2333	2
N2	8/14/12		713.664557		2328	2
N2	8/14/12		739.487342		2185	2
N2	8/14/12		698.474684	352.14557	2151	2
N2	8/14/12	101		317.208861	2123	2
N2	8/14/12	101			2068	2
N2	8/14/12		689.360759		2004	2
N2	8/14/12		721.259494		1864	2
N2	8/14/12		709.107595		1629	2
N2	8/14/12	102	715.183544	295.943038	3400	2

N2	8/14/12	102	706.06962	295.943038	3379	2
N2	8/14/12	102	730.373418	298.981013	3189	2
N2	8/14/12	102	719.514925	301.126866	3049	2
N2	8/14/12	102	703.395522	326.91791	2931	2
N2	8/14/12	102	707.588608	303.537975	2863	2
N2	8/14/12	102	736.449367	298.981013	2752	2
N2	8/14/12	102	724.297468	294.424051	2683	2
N2	8/14/12	103	715.183544	292.905063	3924	2
N2	8/14/12	103	724.297468	280.753165	3875	2
N2	8/14/12	103	710.626582	294.424051	3870	2
N2	8/14/12	103	552.651899	332.398734	3744	2
N2	8/14/12	103	584.550633	339.993671	3717	2
N2	8/14/12	103	634.677215	350.626582	3675	2
N2	8/14/12	103	633.158228	338.474684	3663	2
N2	8/14/12	103	646.829114	361.259494	3635	2
N2	8/14/12	103	660.5	346.06962	3590	2
N2	8/14/12	103	642.272152	330.879747	3583	2
N2	8/14/12	103	668.094937	327.841772	3515	2
N2	8/14/12	103	663.537975	326.322785	3495	2
N2	8/14/12	104	719.740506	291.386076	5360	2
N2	8/14/12	104	713.664557	309.613924	5335	2
N2	8/14/12	104	728.85443	305.056962	5316	2
N2	8/14/12	104	721.259494	323.28481	5312	2
N2	8/14/12	104	675.689873	370.373418	5238	2
N2	8/14/12	104	672.651899	330.879747	5208	2
N2	8/14/12	104	677.208861	329.360759	5082	2
N2	8/14/12	104	734.93038	311.132911	4991	2
N2	8/14/12	104	718.221519	314.170886	4987	2
N2	8/14/12	104	722.778481	294.424051	4974	2
N2	8/14/12	105	731.892405	286.829114	6588	2
N2	8/14/12	105	722.778481	289.867089	6545	2
N2	8/14/12	105	734.93038	274.677215	6521	2
N2	8/14/12	105	716.702532	302.018987	6405	2
N2	8/14/12	105	710.626582	303.537975	6404	2
N2	8/15/12	1	1360.71277	335.606383	1367	1
N2	8/15/12		1323.69149		1354	1
N2	8/15/12	1	1310.92553	339.43617	1346	1
N2	8/15/12	1			1335	1
N2	8/15/12		1318.58511		1328	1
N2	8/15/12		1328.79787		1327	1
N2	8/15/12	2	1335.18085	364.968085	2932	1

N2	8/15/12	2	1305.81915	356.031915	2920	1
N2	8/15/12	2	1295.60638	345.819149	2916	1
N2	8/15/12	2	1317.30851	335.606383	2903	1
N2	8/15/12	2	1322.41489	331.776596	2897	1
N2	8/15/12	3	1307.09575	366.244681	3238	1
N2	8/15/12	3	1296.88298	362.414894	3227	1
N2	8/15/12	3	1312.20213	345.819149	3222	1
N2	8/15/12	3	1304.54255	325.393617	3219	1
N2	8/15/12	3	1316.03192	331.776596	3215	1
N2	8/15/12	4	1377.30851	398.159574	4284	1
N2	8/15/12	4	1333.90426	395.606383	4226	1
N2	8/15/12	4	1321.1383	345.819149	4215	1
N2	8/15/12	4	1322.41489	331.776596	4209	1
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N2	8/15/12	5	1268.79787	597.308511	5955	1
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N2	8/15/12	5	1331.35106	329.223404	5717	1
N2	8/15/12	6	1355.60638	419.861702	5306	1
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N2	8/15/12	8	1284.11702	234.755319	5489	1
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N2	8/15/12	137	1254.18421	395.811005	6935	2
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N2	8/15/12	137	1276.57656	282.126794	6894	2
N2	8/15/12	119	1307.58134	335.523923	4450	2
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NΔ		1			1272	1
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N4	8/13/12 7	7	1317.30851	684.117021	6914	1
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N4	8/14/12	5	692.673913	413.543478	2166	1
N4	8/14/12	5	668.326087	443.108696	2148	1
N4	8/14/12	5	727.456522	483.108696	2073	1
N4	8/14/12	5	743.108696	490.065217	2047	1
N4	8/14/12	5	751.804348	444.847826	2018	1
N4	8/14/12	5	824.847826	450.065217	1956	1
N4	8/14/12	5	835.282609	462.23913	1948	1
N4	8/14/12	5	833.543478	448.326087	1937	1
N4	8/14/12	5	861.369565	458.76087	1918	1
N4	8/14/12	5	845.717391	467.456522	1900	1
N4	8/14/12	5	896.152174	457.021739	1835	1
N4	8/14/12	6	690.934783	260.5	2953	1
N4	8/14/12	6	737.891304	251.804348	2934	1
N4	8/14/12	6	850.934783	368.326087	2903	1
N4	8/14/12	6	833.543478	389.195652	2881	1
N4	8/14/12	6	842.23913	420.5	2872	1
N4	8/14/12	6	901.369565	439.630435	2828	1
N4	8/14/12	7	964.1	185	4464	1
N4	8/14/12	7	958.7	240.8	4415	1
N4	8/14/12	7	926.3	217.4	4398	1
N4	8/14/12	7	892.1	253.4	4377	1
N4	8/14/12	7	915.5	273.2	4356	1
N4	8/14/12	7	879.5	302	4293	1
N4	8/14/12	7	890.3	303.8	4222	1
N4	8/14/12	7	854.3	323.6	4135	1
N4	8/14/12	7	874.1	323.6	3994	1
N4	8/14/12	7	879.5	296.6	3972	1
N4	8/14/12	7	866.9	311	3945	1
N4	8/14/12	7	881.3	311	3867	1
N4	8/14/12	7	886.7	271.4	3755	1
N4	8/14/12	7	884.9	293	3693	1
N4	8/14/12	7	884.9	357.8	3590	1
N4	8/14/12	7	888.5	424.4	3562	1
N4	8/14/12	7	908.3	428	3557	1
N4	8/14/12	8	726.5	213.8	2601	1
N4	8/14/12	8	766.1	316.4	2567	1
N4	8/14/12	8	791.3	312.8	2565	1

N4	8/14/12	8	764.3	359.6	2554	1
N4	8/14/12	8	776.9	357.8	2545	1
N4	8/14/12	8	776.9	410	2523	1
N4	8/14/12	8	814.7	428	2483	1
N4	8/14/12	8	751.7	379.4	2437	1
N4	8/14/12	8	726.5	393.8	2429	1
N4	8/14/12	8	757.1	361.4	2418	1
N4	8/14/12	8	832.7	300.2	2360	1
N4	8/14/12	8	852.5	377.6	2302	1
N4	8/14/12	8	848.9	417.2	2271	1
N4	8/14/12	8	877.7	426.2	2224	1
N4	8/14/12	8	886.7	442.4	2204	1
N4	8/14/12	8	847.1	442.4	2195	1
N4	8/14/12	8	857.9	451.4	2182	1
N4	8/14/12	8	892.1	478.4	2169	1
N4	8/14/12	9	782.448718	236.910256	2761	1
N4	8/14/12	9	823.474359	274.653846	2750	1
N4	8/14/12	9	803.782051	300.910256	2744	1
N4	8/14/12	9	877.628205	420.705128	2699	1
N4	8/14/12	9	890.75641	423.987179	2683	1
N4	8/14/12	9	917.012821	433.833333	2644	1
N4	8/14/12	10	644.602564	277.935897	2392	1
N4	8/14/12	10	649.525641	323.884615	2369	1
N4	8/14/12	10	728.294872	330.448718	2338	1
N4	8/14/12	10	728.294872	359.987179	2322	1
N4	8/14/12	10	739.782051	386.24359	2313	1
N4	8/14/12	10	784.089744	387.884615	2291	1
N4	8/14/12	10	830.038462	387.884615	2278	1
N4	8/14/12	10	790.653846	338.653846	2174	1
N4	8/14/12	10	761.115385	351.782051	2166	1
N4	8/14/12	10	759.474359	384.602564	2157	1
N4	8/14/12	10	759.474359	397.730769	2150	1
N4	8/14/12	10	700.397436	392.807692	2113	1
N4	8/14/12	200	697.172158	415.953048	1912	2
N4	8/14/12	200	714.96458	460.434102	1930	2
N4	8/14/12	200	714.96458	471.109555	1949	2
N4	8/14/12	200	786.134267	508.473641	2046	2
N4	8/14/12	200	819.939868	478.226524	2075	2
N4	8/14/12	200	876.875618	485.343493	2115	2
N4	8/14/12	201	906.340708	421.827434	2639	2
N4	8/14/12	201	863.331858	389.969027	2658	2

N4	8/14/12	201	739.084071	362.889381	2716	2
N4	8/14/12	201	755.013274	386.783186	2731	2
N4	8/14/12	201	694.482301	401.119469	2824	2
N4	8/14/12	202	825.10177	485.544248	4267	2
N4	8/14/12	202	818.730088	491.915929	4211	2
N4	8/14/12	202	793.243363	487.137168	4180	2
N4	8/14/12	202	820.323009	474.393805	4043	2
N4	8/14/12	202	831.473451	436.163717	3976	2
N4	8/14/12	202	791.650442	375.632743	3938	2
N4	8/14/12	202	774.128319	421.827434	3912	2
N4	8/14/12	202	810.765487	439.349558	3878	2
N4	8/14/12	202	892.004425	474.393805	3793	2
N4	8/14/12	203	1181.19565	536.586957	9263	2
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N4	8/14/12	203	1246.93478	237.630435	8655	2
N4	8/14/12	203	1409.71739	315.891304	8555	2
N4	8/14/12	203	1383.1087	387.891304	8516	2
N4	8/14/12	203	1311.1087	447.369565	8453	2
N4	8/14/12	203	1237.54348	428.586957	8379	2
N4	8/14/12	204	1223.45652	602.326087	8862	2
N4	8/14/12	204	1178.06522	702.5	8817	2
N4	8/14/12	204	1027.80435	788.586957	8659	2
N4	8/14/12	204	836.847826	765.108696	8586	2
N4	8/14/12	204	429.891304	921.630435	8434	2
N4	8/14/12	204	434.586957	844.934783	8355	2
N4	• •	204	401.717391	721.282609	8185	2
N4	• • •	204	512.847826	715.021739	8077	2
N4	• • •		586.413043		7906	2
N4	8/14/12	204	1198.41304	527.195652	7576	2
N4						
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N4	8/15/12	1			1171	1
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N4	8/15/12	1	1118.15396		1236	1
N4	8/15/12	1			1288	1
N4	8/15/12	1			1295	1
N4	8/15/12	1	1067.47947		1310	1
N4	8/15/12	1	894.81085	302.142229	1394	1

NΔ	8/15/12	1	106.541056	407.244868	1886	1
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NΔ	8/15/12	2	1332.1129	585.543988	1209	1
NΔ	8/15/12	2	1392.17155	593.05132	1220	1
NΔ	8/15/12	2	1425.95455	591.174487	1232	1
NΔ	8/15/12	2	1442.84604	568.652493	1248	1
NΔ	8/15/12	2	1517.91936	581.790323	1281	1
NΔ	8/15/12	3	1471.04546	425.627273	1518	1
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NΔ	8/15/12	3	1445.51818	445.263636	1490	1
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NΔ	8/15/12	3	1398.39091	480.609091	1454	1
NΔ	8/15/12	3	1394.46364	453.118182	1449	1
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NΔ	8/15/12	3	1437.66364	545.409091	1341	1
NΔ	8/15/12	3	1461.22727	570.936364	1334	1
NΔ	8/15/12	3	1359.11818	533.627273	1299	1
NΔ	8/15/12	3	1337.51818	549.336364	1273	1
NΔ	8/15/12	3	1308.06364	576.827273	1255	1
NΔ	8/15/12	3	1282.53636	594.5	1248	1
NΔ	8/15/12	3	1304.13636	623.954545	1238	1
NΔ	8/15/12	4	1453.13158	439.131579	1795	1
NΔ	8/15/12	4	1437.97368	433.447368	1792	1
NΔ	8/15/12	4	1455.02632	490.289474	1773	1
NΔ	8/15/12	4	1341.34211	569.868421	1743	1
NΔ	8/15/12	4	1309.13158	600.184211	1727	1
NΔ	• •	4	1295.86842	585.026316	1721	1
NΔ	8/15/12	4	1271.23684	611.552632	1712	1
NΔ	8/15/12	5	1388.19528	316.469142	2262	1
NΔ	8/15/12	5	1367.82883	303.508679	2255	1
NΔ	• •	5	1364.12584		2234	1
NΔ		5	1325.24446		2220	1
NΔ	• •	5	1312.28399	296.1027	2203	1
NΔ	8/15/12	5	1304.87801	309.063163	2117	1
NΔ		5	1315.98698		2105	1
NΔ		5		377.568467	2096	1
NΔ		5	1114.17406		1999	1
NΔ	• •	5	1247.48168		1964	1
NΔ		5	1262.29364		1948	1
NΔ	8/15/12	5	1297.47204	549.757473	1942	1

N4	8/15/12	5	1299.32353	573.826905	1937	1
N4	8/15/12	5	1264.14513	609.005304	1923	1
N4	8/15/12	6	1384.49229	331.281099	2374	1
N4	8/15/12	6	1380.7893	331.281099	2372	1
N4	8/15/12	6	1362.27435	320.172131	2364	1
N4	8/15/12	6	1354.86837	316.469142	2358	1
N4	8/15/12	6	1306.72951	294.251205	2328	1
N4	8/15/12	6	1336.35342	320.172131	2302	1
N4	8/15/12	6	1375.23481	260.924301	2233	1
N4	8/15/12	6	1330.79894	307.211668	2221	1
N4	8/15/12	6	1293.76905	255.369817	2168	1
N4	8/15/12	6	1303.02652	355.35053	2156	1
N4	8/15/12	6	1295.62054	377.568467	2149	1
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N4	8/15/12	6	1206.7488	410.895371	2104	1
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N4	8/15/12	6	1140.09499	457.182739	2078	1
N4	8/15/12	6	1277.10559	486.806654	2014	1
N4	8/15/12	6	1278.95709	564.569431	1986	1
N4	8/15/12	6	1243.77869	570.123915	1981	1
N4	8/15/12	7	1269.82317	618.28837	2234	1
N4	8/15/12	7	1291.78694	616.458055	2236	1
N4	8/15/12	7	1288.12631	574.36082	2243	1
N4	8/15/12	7	1304.59914	512.130124	2258	1
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N4	8/15/12	7	1355.84795	530.43327	2290	1
N4	8/15/12	7	1344.86606	502.978551	2301	1
N4	8/15/12	7	1412.5877	468.202574	2320	1
N4	8/15/12	8	1421.73928	453.560057	2883	1
N4	8/15/12	8	1394.28456	499.317922	2866	1
N4	8/15/12	8	1326.56292	567.039561	2837	1
N4	8/15/12	8	1322.90229	599.985224	2827	1
N4	8/15/12	8	1339.37512	599.985224	2819	1
N4	8/15/12	8	1275.31411	567.039561	2795	1
N4	8/15/12	8	1299.1082	610.967112	2778	1
N4	8/15/12	8	1300.93851	623.779314	2776	1
N4	8/15/12	9	124.046235	512.130124	4038	1
N4	8/15/12	9	367.478074	596.324595	3733	1
N4	8/15/12	9	493.769781	460.881316	3672	1

ı	N4	8/15/12	9	918.402765	321.777407	3555	1
ı	N4	8/15/12	9	978.803146	343.741182	3541	1
ı	N4	8/15/12	9	991.615348	378.517159	3527	1
ı	N4	8/15/12	9	1053.84604	332.759295	3505	1
ı	N4	8/15/12	9	1121.56768	314.456149	3478	1
ı	N4	8/15/12	9	1176.47712	347.401811	3447	1
	N4	8/15/12	9	1191.11964	365.704957	3442	1
I	N4	8/15/12	9	1225.89562	347.401811	3430	1
I	N4	8/15/12	9	1288.12631	371.195901	3407	1
ı	N4	8/15/12	9	1297.27788	363.874643	3399	1
I	N4	8/15/12	9	1238.70782	416.953765	3341	1
I	N4	8/15/12	9	1229.55624	426.105338	3323	1
١	N4	8/15/12	9	1264.33222	484.675405	3284	1
١	N4	8/15/12	9	1238.70782	513.960439	3278	1
I	N4	8/15/12	9	1269.82317	537.754528	3269	1
١	N4	8/15/12	9	1255.18065	552.397045	3254	1
ı	N4	8/15/12	9	1249.6897	598.154909	3247	1
ı	N4	8/15/12	10	1449.19399	512.130124	5495	1
I	N4	8/15/12	10	1407.09676	535.924214	5455	1
ı	N4	8/15/12	10	1337.54481	559.718303	5423	1
ı	N4	8/15/12	10	1310.09009	598.154909	5412	1
I	N4	8/15/12	10	1304.59914	625.609628	5404	1
ı	N4	8/15/12	103	1281.76582	599.740506	1344	2
I	N4	8/15/12	103	1278.72785	581.512658	1348	2
	N4	8/15/12		1298.47468	586.06962	1359	2
	N4	8/15/12	103	1269.61392		1362	2
	N4	8/15/12		1310.62658		1385	2
	N4	8/15/12		1286.32279		1386	2
	N4	8/15/12	103	1310.62658		1407	2
	N4	8/15/12	103	1233.15823		1438	2
	N4	8/15/12		1193.66456		1553	2
	N4	8/15/12		1210.37342		1593	2
	N4	8/15/12		1201.25949		1630	2
	N4	8/15/12	103	1207.33544		1636	2
	N4	8/15/12	103		809.360759	1651	2
	N4	8/15/12		1213.41139		1683	2
	N4	8/15/12		1249.86709	829.107595	1699	2
	N4	8/15/12	103		725.816456	1807	2
	N4	8/15/12		1333.41139		1865	2
	N4	8/15/12		1315.18354	608.85443	1874	2
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NΔ	8/15/12	103	1312.14557	619.487342	1883	2
NΔ	8/15/12	115	1243.79114	579.993671	3147	2
NΔ	8/15/12	115	1225.56329	484.297468	3201	2
NΔ	8/15/12	115	1301.51266	402.272152	3268	2
NΔ	8/15/12	115	1316.70253	408.348101	3285	2
NΔ	8/15/12	115	1309.1076	429.613924	3311	2
NΔ	8/15/12	115	1303.03165	422.018987	3335	2
NΔ	8/15/12	115	1292.39873	453.917722	3354	2
NΔ	8/15/12	115	1310.62658	441.765823	3361	2
NΔ	8/15/12	115	1313.66456	458.474684	3379	2
NΔ	8/15/12	115	1309.1076	463.031646	3382	2
NΔ	8/15/12	115	1315.18354	446.322785	3385	2
NΔ	8/15/12	115	1281.76582	443.28481	3393	2
NΔ	8/15/12	115	1278.72785	426.575949	3397	2
NΔ	8/15/12	115	1283.28481	406.829114	3406	2
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NΔ	8/15/12	115	1312.14557	394.677215	3451	2
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NΔ	8/15/12	120	1271.13291	602.778481	3864	2
NΔ	8/15/12	120	1289.36076	543.537975	3875	2
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NΔ	8/15/12	120	1306.06962	549.613924	3886	2
NΔ	8/15/12	120	1322.77848	558.727848	3911	2
NΔ	8/15/12	120	1353.15823	589.107595	3914	2
NΔ	8/15/12	120	1347.08228	485.816456	3946	2
NΔ	8/15/12	120	1359.23418	478.221519	3952	2
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NΔ	8/15/12	120	1378.98101	429.613924	4007	2
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NΔ	8/15/12	120	1427.58861	349.107595	4068	2
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NΔ	8/15/12	120	1397.20886	368.85443	4150	2
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N4	8/15/12 1	20	1310.62658	377.968354	4240	2
N4	8/15/12 1	20	1315.18354	391.639241	4244	2
N4	8/15/12 1	20	1325.81646	382.525316	4251	2
N4	8/15/12 1	32	1258.98101	589.107595	5607	2
N4	8/15/12 1	32	1249.86709	569.360759	5619	2
N4	8/15/12 1	32	1289.36076	579.993671	5630	2
N4	8/15/12 1	.32	1260.5	558.727848	5635	2
N4	8/15/12 1	.32	1262.01899	540.5	5643	2
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N13	8/13/12	3	754.329787	375.180851	4019	1
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N13	8/14/12	131	522.272152	396.196203	409	2
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N13	8/14/12	131	505.563291	484.297468	569	2
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N13	8/14/12	136	282.272152	741.765823	5537	2
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N13	8/15/12	103	1069.03933	638.926966	2846	2
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