

No.	Fecha	Hora	Magnitud	Longitud	Latitud	Prof. (km)	Poligono	P11	P14	PZ - ROSC	PN - ROSC	PE - ROSC	SN-ROSC	SE - ROSC	PZ - CHI
1	9/24/2012	12:25:49	3	-74.648	5.106	14	P1	P11	P14	57.81	57.83	57.82	4.47	4.58	7.99
2	4/13/2008	2:49:36	3.8	-74.668	5.104	28	P1	P11	P14	45.01	45.05	45.15	51.53	51.75	54.94
3	6/22/2012	9:44:48	3.6	-74.752	5.043	0	P1	P11	P14	57.58	57.57	57.59	5.02	5.04	8.15
4	6/15/2010	6:23:57	3.0	-74.816	4.873	1.1	P1	P11	P14	6.05	6.13	6.08	15	12.86	17.14
5	1/4/2008	23:38:40	3	-74.619	4.802	14.2	P1	P11	P14	47.35	47.34	47.36	51.94	51.7	56.8
6	7/3/2010	7:43:52	3.6	-74.544	4.757	14	P1	P11	P14	57.74	57.75	57.73	3.55	3.33	6.97
7	8/28/2009	6:42:51	3.2	-74.76	4.757	10.7	P1	P11	P14	0.22	0.21	0.2	8.68	8.65	9.22
8	1/1/2011	0:02:05	3.1	-74.805	4.715	15.4	P1	P11	P14	14.91	14.91	14.92	23.94	23.85	23.85
9	2/13/2013	17:33:55	3.5	-74.616	4.703	7.2	P1	P11	P14	2	2.07	2.02	7.93	8.3	10.07
10	3/12/2010	8:12:48	3.0	-74.787	4.711	14	P1	P11	P14	52.74	52.87	52.71	1.13	1.01	2.13
11	2/28/2012	7:33:02	3	-74.575	4.699	17.8	P1	P11	P14	11.11	11.11	11.12	18.5	19.14	19.81
12	9/21/2012	1:21:45	3.2	-74.843	4.708	10.7	P1	P11	P14	55.69	55.7	55.68	4.92	5.12	4.82
13	10/6/2012	5:50:13	3.3	-74.877	4.695	15.3	P1	P11	P14	24.34	24.38	24.35	34.02	34.18	33.29
14	3/10/2010	14:36:10	3.0	-74.802	4.647	21.5	P1	P11	P14	20.77	20.91	20.77	28.91	28.89	29.37
15	2/7/2012	21:52:27	3.8	-74.519	4.613	2.4	P1	P11	P14	32.7	32.77	32.69	38.23	37.84	41.38
16	2/21/2012	17:44:41	3.3	-74.535	4.611	0	P1	P11	P14	48.17	48.17	49.19	54.66	54.30	56.83
17	1/31/2008	15:55:52	3.2	-74.622	4.556	58.6	P1	P11	P14	3.97	4.04	4.01	12.42	12.27	9.53
18	7/1/2007	20:26:10	3	-74.715	4.519	16.1	P1	P11	P14	20.5	20.56	20.55	29.08	29.03	28.67
19	8/25/2010	2:20:32	3.3	-74.366	5.608	88.6	P2	P21	P24	49.67	49.67	49.69	3.82	3.43	53.81
20	2/16/2013	6:05:07	3	-74.383	5.624	89.4	P2	P21	P24	25.01	25.01	25.08	37.96	37.84	29.2
21	9/27/2010	1:35:43	3.8	-74.374	5.607	86.3	P2		P24	0.63	0.65	0.75	14.12	14.36	4.62
22	5/27/2010	7:14:36	3	-74.571	5.483	6.6	P2	P21	P24	49.09	49.09	49.13	59.74	58.02	57.95
23	8/11/2007	21:51:37	3.2	-73.59	5.23	136	P3	P31		48.76	48.82	48.82	6.59	6.75	47.02
24	1/13/2008	4:48:41	3	-73.649	5.244	151.4	P3	P31	P34	56.14	56.17	56.19	14	13.83	54.35
25	12/17/2007	9:39:05	3.1	-73.666	5.261	149.8	P3	P31	P34	14.06	14.07	14.08	31.92	33.14	12.43
26	7/25/2007	8:02:48	3.3	-73.651	5.22	150.6	P3	P31	P34	7.81	7.89	7.84	25.99	25.94	6.5
27	6/8/2007	0:38:49	3.2	-73.684	5.288	145.1	P3	P31		51.08	51.08	51.09	4.56	4.53	
28	8/3/2007	6:17:24	3	-73.669	5.25	151	P3	P31	P34	11.64	7.89	11.77	29.54	29.45	10.03
29	12/11/2007	15:49:50	3	-73.676	5.237	152.1	P3	P31	P34	2.59	2.6	2.68	20.32	20.72	
30	3/12/2007	5:31:48	3.9	-73.681	5.247	149.5	P3	P31		36.59	36.6	36.73	54.08	54.49	
31	1/16/2008	12:00:34	3.1	-73.694	5.263	151.9	P3	P31	P34	5.75	5.71	5.81	23.78	24.64	4.02
32	10/23/2006	22:59:21	3.4	-73.709	5.289	148.9	P3	P31		30.2	30.23	30.26	48.13	49.35	
33	4/16/2008	16:01:30	3.1	-73.701	5.271	146.9	P3	P31	P34	29.75	29.8	28.82	47.15	47.52	
34	4/7/2007	1:02:26	3.4	-73.706	5.281	156.9	P3	P31		11.84	11.83	11.92	29.61	30.3	
35	10/6/2007	7:58:39	3.4	-73.699	5.263	144.3	P3	P31		3.08	3.24	3.33	20.99	22.22	1.33
36	4/17/2008	7:24:45	3	-73.714	5.295	154.6	P3	P31	P34	53.46	53.63	53.65	10.95	11.52	51.9
37	3/12/2008	10:59:06	3.8	-73.7061	5.274	51.7	P3	P31		58.09	58.15	58.16	15.9	17.4	56.57
38	8/24/2007	23:12:30	3	-73.721	5.303	144.7	P3	P31	P34	0.36	0.36	0.44	17.99	18.54	
39	11/7/2006	7:09:18	3.5	-73.708	5.274	151.8	P3	P31		53.02	53.1	53.17	6.7	6.5	
40	10/14/2006	3:50:06	3.1	-73.71	5.276	151.2	P3	P31		30.2	20.23	30.26	48.13	48.13	
41	6/5/2006	16:12:00	3.1	-73.741	5.327	152	P3	P31	P34	23.93	23.97	24.06	41.73	42.89	
42	9/13/2007	6:37:32	4	-73.702	5.244	152.8	P3	P31	P34	54.12	54.78	54.74	12.03	12.43	52.74
43	12/29/2007	6:56:32	3.3	-73.718	5.273	150.9	P3	P31	P34	29.16	29.19	29.33	47.36	47.03	27.79
44	9/18/2007	14:27:39	3.2	-73.703	5.242	147	P3		P34	3.33	3.36	3.42	21.04	21.07	1.66
45	6/12/2005	3:43:55	3	-73.719	5.273	154.5	P3	P31	P34	18.84	18.86	18.92	36.54	36.91	
46	12/26/2005	14:17:34	3.4	-73.75	5.337	141.1	P3	P32	P34	57.06	57.02	57.01	14.54	15.52	
47	12/31/2005	5:24:45	3.5	-73.722	5.277	154.2	P3	P32		10.02	10.02	10.12	27.63	28.02	

48	6/18/2012	23:45:38	3.6	-73.7271	5.287	46.2	P3	P31	P34	1.94	1.97	2.09	19.41	20.25	0.17
49	11/8/2006	13:29:38	3.2	-73.742	5.317	149.4	P3	P31		42.72	42.76	42.85	0.18	0.73	
50	10/4/2011	21:14:47	3.4	-73.725	5.28	142.6	P3	P31	P34	10.95	11.01	11.01	28.81	28.99	9.31
51	6/23/2007	20:22:02	3	-73.729	5.286	148.8	P3	P31		13.45	13.43	13.43	31.55	32.38	
52	2/21/2013	22:09:37	3.4	-73.7351	5.295	46.4	P3	P31	P34	0.52	0.52	0.56	18.1	17.9	58.89
53	8/15/2010	21:27:28	3	-73.728	5.28	146.2	P3	P31	P34	51.66	51.77	51.79	9.78	9.64	49.97
54	7/12/2007	2:54:44	3	-73.736	5.289	150.3	P3	P31	P34	25.65	25.64	25.65	43.88	44.67	
55	4/13/2013	20:39:01	3.1	-73.7351	5.287	46.8	P3	P31	P34						22.9
56	11/28/2012	2:35:12	3.1	-73.7381	5.292	42.5	P3	P31	P34	35.47	35.48	35.55	52.68	52.72	33.83
57	1/8/2013	4:26:55	3.1	-73.7461	5.306	37.1	P3		P34						20.12
58	12/7/2011	9:39:04	3	-73.745	5.303	139.7	P3	P31	P34	27.99	27.87	27.96	45.95	46.89	26.11
59	1/1/2011	11:29:15	3.2	-73.724	5.257	145.2	P3	P31	P34	38.32	38.56	38.6	56.58	56.41	36.7
60	6/24/2006	16:01:08	3.7	-73.742	5.29	152	P3	P31	P34	32.09	32.09	32.22	49.6	49.39	
61	3/21/2012	6:08:37	3.5	-73.7471	5.299	3.5	P3	P31	P34	0.08	0.06	0.19	17.83	16.9	58.43
62	24/02/2013	19:44:38	3.7	-73.7361	5.276	45.1	P3	P31	P34	1.36	1.33	1.43	19.48	19.2	59.65
63	8/30/2011	0:09:02	3.1	-73.743	5.288	141.4	P3	P31	P34	25.92	25.92	26.02	43.18	44.29	24.11
64	1/21/2013	1:41:12	3.3	-73.7571	5.316	39.6	P3	P31	P34	35.15	35.22	35.26	51.65	52.54	33.54
65	12/14/2008	8:17:36	3.3	-73.732	5.265	149	P3		P34						
66	14/12/2008	8:17:36	3.3	-73.732	5.265	149	P3		P34	58.96	59.2	59.09	15.05	15.55	
67	12/4/2006	4:39:12	3.8	-73.75	5.301	152	P3	P31		16.99	16.66	16.64	33.24	34.23	
68	5/11/2012	16:08:05	3.7	-73.7471	5.293	43.1	P3	P31	P34	28.26	28.41	28.44	45.6	46.22	26.66
69	2/17/2010	5:37:38	3	-73.752	5.301	137.9	P3		P34						59.36
70	30/08/2008	4:51:45	3.3	-73.742	5.28	150	P3	P31	P34	9.1	9.07	9.17	26.69	27.08	7.45
71	4/29/2011	0:54:53	3	-73.745	5.285	142.3	P3	P31		16.2	15.94	16.18	34.13	35.66	
72	8/4/2008	12:46:28	3	-73.743	5.281	148.6	P3	P31	P34	52.29	52.3	52.4	10.82	10.8	50.56
73	6/16/2011	3:19:09	3.1	-73.739	5.273	139.1	P3	P31	P34						30.43
74	6/8/2008	22:19:22	3.1	-73.76	5.315	147	P3	P31	P34	45.79	45.76	45.99	3.6	3.84	44.28
75	8/8/2009	16:57:33	3.5	-73.746	5.286	147.3	P3	P31	P34	56.38	56.43	56.56	14.00	14.46	54.88
76	12/18/2005	10:55:58	3	-73.739	5.272	147.2	P3	P31	P34	20.66	21.08	21.11	39.25	39.08	
77	9/9/2010	10:41:42	3.3	-73.735	5.264	143.7	P3		P34						3.85
78	4/23/2012	8:10:01	3.4	-73.7521	5.296	44.9	P3	P31	P34	24.13	24.16	24.29	41.92	42.06	22.44
79	4/25/2013	8:10:37	3.1	-73.7791	5.351	49.4	P3	P31		59.94	59.93	0.07	17.71	17.89	
80	9/15/2007	2:18:39	3.3	-73.748	5.284	149.4	P3	P31	P34	56.56	56.65	56.72	13.58	14.69	54.88
81	9/3/2009	18:58:11	3.6	-73.749	5.285	150	P3		P34						33.17
82	11/23/2006	9:06:53	3	-73.769	5.322	143.3	P3	P31		1.8	1.86	1.94	19.44	19.82	
83	10/11/2012	18:40:36	3.7	-73.7711	5.326	49.6	P3	P31	P34	59.89	59.85	59.95	17.99	17.94	37.57
84	5/30/2012	0:57:52	4.3	-73.7641	5.311	46	P3	P31	P34	15.7	15.75	15.8	32.58	31.87	14.05
85	1/9/2012	15:38:23	3.2	-73.765	5.311	147.2	P3			50.59	50.59	50.63	8.22	8.66	48.96
86	11/12/2012	1:08:46	3.3	-73.7531	5.287	41.6	P3	P31	P34	8.76	8.78	8.86	26.35	26.31	7.14
87	10/7/2009	0:28:34	3.2	-73.735	5.251	146	P3		P34						56.71
88	2/12/2012	9:05:57	3.1	-73.7661	5.31	41	P3	P31	P34	20.31	20.35	20.38	37.64	38.28	20.31
89	8/7/2012	13:47:57	3.1	-73.7581	5.292	40.8	P3	P31	P34						18.77
90	7/23/2012	18:40:51	3	-73.7721	5.319	44.3	P3	P31		17.28	17.44	17.36	35.39	35.3	
91	30/03/2009	6:06:21	3.1	-73.752	5.279	147.7	P3		P34	43.66	43.76	43.6	0.47	0.36	

92	2/5/2011	15:47:23	3.2	-73.751	5.277	134.6	P3	P31	P34	45.69	45.69	45.69	2.58	3.8	44.04
93	9/11/2012	6:12:33	3.7	-73.7551	5.283	38.4	P3	P31	P34	55.45	55.53	55.68	13.07	13.55	53.95
94	1/9/2013	3:40:37	3.2	-73.7591	5.29	41.4	P3	P31	P34	59.5	59.68	59.64	18.24	18.89	59.65
95	10/1/2012	20:25:15	3.5	-73.762	5.291	145.3	P3		P34						37.83
96	9/21/2012	17:19:08	3.1	-73.7591	5.285	38.8	P3	P31	P34	28.69	28.69	28.76	46.41	46.93	27.04
97	28/03/2013	8:43:48	3.3	-73.7741	5.31	43.9	P3	P31	P34	10.99	10.99	11.04	28.93	29.48	
98	10/15/2011	4:22:45	3.1	-73.764	5.29	148.2	P3	P31	P34	9.28	9.29	9.47	27.28	27.68	7.73
99	1/31/2011	10:42:58	3	-73.751	5.262	141.1	P3		P34	21.9	21.92	21.97	39.76	39.92	20.22
100	7/8/2005	9:43:55	3	-73.785	5.325	149.8	P3	P31	P34	18.97	19.05	19.24	36.68	36.95	
101	11/2/2012	9:14:10	3	-73.7761	5.307	38.7	P3	P31	P34						31
102	4/5/2012	0:31:17	2.6	-73.7721	5.293	41.7	P3		P34	40.42	40.72	40.57	58.36	58.34	38.83
103	4/5/2012	0:31:17	3.4	-73.7721	5.293	41.7	P3	P31		40.42	40.72	40.57	58.36	58.34	38.83
104	7/2/2012	19:59:24	3.2	-73.784	5.294	137.1	P3		P34						45.31
105	11/1/2006	12:54:33	3.9	-74.013	5.206	126.5	P3	P31		44.75	44.84	44.86	2.6	2.84	
106	5/24/2007	17:13:31	3.3	-74.025	5.206	124.7	P3	P31		51.23	51.24	51.34	8.96	9.11	
107	6/18/2006	4:58:57	4.7	-73.374	4.765	0.5	P4	P41	P44	15.92	16.15	16.1	28.78	29.66	
108	12/17/2011	16:25:06	3.1	-73.132	4.78	0.2	P4		P44	30.8	30.96	31.15			18.81
109	7/16/2004	0:48:28	3.2	-73.09	4.819	0.4	P4	P41	P44	51.74	52.05	51.79	7.09	5.7	
110	2/14/2012	11:01:23	3.1	-73.468	4.498	15.2	P4	P41		40.55	40.28	40.21	52.45	51.07	
111	1/31/2012	14:52:48	4.2	-72.994	4.995	16.1	P4	P41	P44	12.36	12.41	12.28	28.67	28.57	2.45
112	7/17/2007	0:46:59	3.5	-72.891	5.172	4.2	P4	P41		25.9	26.41	26.49	45.24	45.45	
113	12/14/2006	5:44:34	3.1	-72.958	5.132	0.1	P4	P41		0.19	0.22	0.25	18.45	18.65	
114	5/13/2007	22:12:26	3.6	-72.918	5.203	5.4	P4	P41		51.48	51.49	51.53	10.4	10.37	
115	2/28/2007	7:47:03	3.8	-73.081	4.985	0.7	P4	P41		26.32	26.39	26.32	44.01	42.54	
116	12/29/2010	18:49:26	3	-73.065	5.011	4	P4	P41	P44	49.58	49.64	49.76	8.46	8.61	38.68
117	9/6/2006	19:30:01	4.3	-72.966	5.193	0	P4	P41		26.8	26.98	26.91	45.71	45.91	
118	8/5/2011	5:33:01	3.3	-72.973	5.187	1.9	P4	P41		15.75	15.98	15.84	27.92	27.43	25.75
119	3/12/2012	0:47:14	3.1	-73.08	5.089	0	P4		P44	38.67	38.65	38.91	56.83	56.25	27.83
120	12/29/2003	18:38:06	3.6	-73.121	5.054	0	P4	P41	P44	29.92	29.98	29.95	47.15	47.07	
121	8/20/2012	20:17:40	4.2	-73.205	5.43	14.2	P4		P44	2.07	2.39	2.41	19.16	20.8	55.76
122	7/8/2008	14:06:35	3.3	-73.729	4.565	20.2	P5	P51	P54	48.35	48.43	48.5	1.38	1.79	39.07
123	5/24/2008	17:08:15	4.1	-73.828	4.437	4	P5	P51	P54	23.43	28.4	28.45			19.35
124	5/24/2008	20:08:02	4.1	-73.828	4.437	4	P5	P51	P54	15.49	15.71	15.71	27.09	26.63	6.82
125	5/24/2008	23:08:03	3.4	-73.799	4.434	4	P5	P51	P54	16.94	16.9	16.95	28.06	25.28	7.67
126	5/26/2008	19:27:36	3.5	-73.852	4.411	4	P5	P51	P54	49.44	49.76	49.77	1.32	1.58	41.24
127	6/3/2008	2:48:35	3.4	-73.762	4.446	12.4	P5	P51	P54	48.64	48.73	58.03	59.41	59.76	39.14
128	11/8/2012	4:28:46	3.2	-73.814	4.411	4	P5	P51	P54	59.83	59.8	59.79	6.44	6.54	50.71
129	5/24/2008	19:20:44	200	-73.813	4.4	0.3	P5	P51	P54	58.44	58.53	58.53			49.34
130	5/24/2008	19:34:05	3.6	-73.82	4.395	4	P5	P51	P54	18.47	18.55	18.66			9.83
131	6/7/2008	3:50:08	3.7	-73.817	4.394	2.9	P5	P51	P54	22.02	22.09	22.09	33.79	36.08	13.48
132	5/28/2008	3:12:06	4	-73.833	4.384	4	P5	P51	P54	20.31	20.49	20.57	32.02	31.76	11.79
133	5/24/2008	19:23:04	4.4	-73.764	4.418	14	P5	P51	P54	17.4	58.49	58.57			49.54
134	5/25/2008	9:39:53	4.3	-73.809	4.393	4	P5	P51	P54	6.83	6.96	6.99	17.18	14.7	57.88
135	9/26/2012	14:16:53	3.5	-73.8	4.394	1.1	P5	P51	P54	56.81	6.43	6.41	17.95	16.97	56.81
136	5/24/2008	21:04:08	3.4	-73.762	4.409	2.9	P5	P51	P54	22.21	22.32	22.37	33.79	33.88	12.89
137	4/4/2004	16:12:31	3.2	-73.853	4.347	4	P5	P51		44.19	44.84	44.6	54.3	53.91	
138	9/6/2012	23:46:58	3.7	-73.715	4.424	0	P5	P51	P54	12.5	12.42	12.52	23.34	22.25	2.37
139	6/7/2008	13:34:13	3.7	-73.821	4.365	0.3	P5	P51	P54	27.17	27.18	27.21	33.87	34.71	18.51
140	5/24/2008	20:36:06	4.1	-73.779	4.356	3.9	P5	P51	P54	20.97	20.1	21.37	31.99	33.74	12.28
141	5/24/2008	20:21:31	4	-73.727	4.382	9.9	P5	P51	P54	45.28	45.37	45.48	56.36	55.88	36.64
142	8/6/2009	4:29:15	3.2	-73.648	4.405	19.8	P5	P51	P54	30.88	30.91	30.94	42.25	42.3	21.66
143	7/31/2011	17:10:25	3.1	-73.715	4.354	4.2	P5	P51	P54	40.26	40.28	40.33	46.63	46.38	30.86
144	1/27/2011	14:06:47	4	-73.686	4.373	4	P5	P51	P54	2.18	2.3	2.24	13.89	13.86	52.65
145	4/19/2011	13:23:11	3.5	-73.666	4.371	4	P5	P51	P54	26.04	26.09	29.09			16.49
146	5/24/2008	20:32:46	3.1	-73.641	4.339	3.9	P5	P51	P54	1.96	2.15	2.14	13.39	13.28	52.83
147	6/12/2010	14:22:44	3.7	-73.696	4.218	2.4	P5	P51	P54	50.84	0.52	0.53	12.53	14	0.51
148	6/27/2003	20:28:01	3	-73.399	4.398	0	P5	P51	P54	20.74	20.88	20.85	35.65	35.5	8.92
149	4/21/2009	22:46:19	3	-74.046	4.042	4.1	P6		P64						31.65

PN - CHI	PE - CHI	SN - CHI	SE - CHI	Dif P-S ROSCN	Dif P-S ROSCE	DIF ROSC	Dif P-S CHIE	Dif P-S CHIE	DIRF CHI	CONT_ROSC	CONT_CHI	SWA * ROSC	SWA* CHI
8.07	8.06	21.9	21.88	6.66	6.77	-0.11	13.91	13.89	0.02	0	1	0.0246085	0.00091408
54.99	55.02	8.27	8.18	6.52	6.74	-0.22	13.33	13.24	0.09	0	1	0.00426936	0.01100244
8.16	8.21	26.22	26.04	7.44	7.46	-0.02	18.07	17.89	0.18	0	1	0.00398406	0.00691244
17.15	17.25	38.97	38.23	8.95	6.81	2.14	21.83	21.09	0.74	1	1	0.16640747	0.01935653
56.86	56.96	10.36	10.89	4.59	4.35	0.24	13.56	14.09	-0.53	1	0	0.00464217	0.00175871
1	7.11	20.21	20.15	5.81	5.59	0.22	13.24	13.18	0.06	1	1	0.06060607	0.00297767
9.21	9.37	23.55	23.61	8.46	8.43	0.03	14.33	14.39	-0.06	1	0	0.00346821	0.01737242
23.98	23.89	29.2	29.2	9.03	8.94	0.09	5.35	5.35	0	1	0	0.00377358	0.00375313
10.23	10.17	22.48	22.53	5.93	6.3	-0.37	12.41	12.46	-0.05	0	0	0.04665826	0.0058651
2.26	2.27	16.52	16.29	8.39	8.27	0.12	14.39	14.16	0.23	1	1	0.11881188	0.01411909
19.83	19.83	33.03	33.17	7.39	8.03	-0.64	13.22	13.36	-0.14	0	0	0.03459459	0
4.97	4.98	20.24	19.57	9.23	9.43	-0.2	15.42	14.75	0.67	0	1	0.04065041	0.03423608
33.42	33.44	50.83	50.71	9.68	9.84	-0.16	17.54	17.42	0.12	0	1	0.00470312	0.0023664
29.39	29.41	43.86	43.85	8.14	8.12	0.02	14.49	14.48	0.01	1	1	0.00069228	0.00022805
41.39	41.39	53.77	53.71	5.53	5.14	0.39	12.39	12.33	0.06	1	1	0.01030655	0.00111711
56.98	57.1	10.24	10.09	6.49	6.13	0.36	13.41	13.26	0.15	1	1	0.00662983	0.0148662
9.56	9.57	20.98	20.9	8.45	8.3	0.15	11.45	11.37	0.08	1	1	0.01222494	0.00382775
28.81	28.81	42.06	41.44	8.58	8.53	0.05	13.39	12.77	0.62	1	1	0.00172236	0.01496139
53.96	56.96	11	10.75	14.15	13.76	0.39	17.19	16.94	0.25	1	1	0.11370262	0.02325581
29.43	29.49	45.34	45.7	12.95	12.83	0.12	16.14	16.5	-0.36	1	0	0.00317125	0.00203874
4.93	4.92	21.56	21.36	13.49	13.73	-0.24	16.94	16.74	0.2	0	1	0.01699717	0.0093633
58.13	58.11	13.94	13.41	10.65	8.93	1.72	15.99	15.46	0.53	1	1	0.02964495	0.03952274
47.34	47.35	3.73	3.95	-42.17	-42.01	-0.16	16.71	16.93	-0.22	0	0	0.02427921	0.00021124
54.71	54.62	11.44	12.1	-42.14	-42.31	0.17	17.09	17.75	-0.66	1	0	0.01229212	0.00164504
12.62	14.08	29.16	33.14	17.86	19.08	-1.22	76.73	80.71	-3.98	0	0	0.03822055	0.11568938
6.74	6.71	23.24	23.16	18.18	18.13	0.05	76.74	76.66	0.08	1	1	0.00192753	0.00345423
				-46.52	-46.55	0.03	60	60	0	1		0.00662252	
10.22	10.2	26.94	26.62	17.9	17.81	0.09	76.91	76.59	0.32	1	1	0.00305603	0.01202104
				17.73	18.13	-0.4	60	60	0	0		0.01968504	
				17.49	17.9	-0.41	60	60	0	0		0.00758136	
4.31	4.21	20.95	20.91	18.03	18.89	-0.86	76.93	76.89	0.04	0	1	0.03616484	0.00191296
				17.93	19.15	-1.22	60	60	0	0		0.02534802	
				17.4	17.77	-0.37	60	60	0	0		0.0078473	
				17.77	18.46	-0.69	60	60	0	0		0.02330294	
1.79	1.75	17.5	18.22	17.91	19.14	-1.23	76.17	76.89	-0.72	0	0	0.05859933	0.02234637
52.09	52.08	8.05	8.49	-42.51	-41.94	-0.57	16.15	16.59	-0.44	0	0	0.05205479	0.00019198
56.68	56.78	13.12	13.13	-42.19	-40.69	-1.5	16.55	16.56	-0.01	0	0	0.09433962	0.00176429
				17.63	18.18	-0.55	60	60	0	0		0.03057254	
				-46.32	-46.52	0.2	60	60	0	1		0.03076923	
				17.93	17.93	0	60	60	0	0		0	
				17.8	18.96	-1.16	60	60	0	0		0.02779775	
53.06	53.05	9.76	9.1	-42.09	-41.69	-0.4	17.02	16.36	0.66	0	1	0.03325021	0.07252747
29.23	29.19	47.36	44.29	18.2	17.87	0.33	79.57	76.5	3.07	1	1	0.0070168	0.06931587
1.98	1.96	18.45	18.42	17.71	17.74	-0.03	76.79	76.76	0.03	0	1	0.00142586	0.00162866
				17.7	18.07	-0.37	60	60	0	0		0.01012589	
				-42.52	-41.54	-0.98	60	60	0	0		0.06740028	
				17.61	18	-0.39	60	60	0	0		0.01411509	

0.45	0.6	17.1	16.63	17.47	18.31	-0.84	76.93	76.46	0.47	0	1	0.04327666	0.02826218
				-42.54	-41.99	-0.55	60	60	0	0		3.05555556	
9.4	9.4	25.86	25.95	17.86	18.04	-0.18	76.55	76.64	-0.09	0		0.00624783	
				18.1	18.93	-0.83	60	60	0	0		0.02630745	
58.99	59.03	15.23	15.19	17.58	17.38	0.2	16.34	16.3	0.04	1	1	0.01117318	0.00263331
50.2	50.17	6.88	6.76	-41.88	-42.02	0.14	16.91	16.79	0.12	1	1	0.01452282	0.01775148
				18.23	19.02	-0.79	60	60	0	0		0.01800365	
22.91	38.89	39.36	23.03	0	0	0	76.46	60.13	16.33		1		0.70907512
33.92	33.94	49.85	50.12	17.21	17.25	-0.04	76.02	76.29	-0.27	0	0	0.0007593	0.00058962
16.44	16.4	32.93	32.4	0	0	0	72.81	72.28	0.53		1		0.01635802
26.48	26.5	42.88	43.07	17.96	18.9	-0.94	76.77	76.96	-0.19	0	0	0.02045702	0.00075529
36.99	37.02	52.97	53.33	18.26	18.09	0.17	76.27	76.63	-0.36	1	0	0.00301365	0.00081103
				17.51	17.3	0.21	60	60	0	1		0.00425187	
58.59	58.63	14.67	14.65	17.75	16.82	0.93	16.24	16.22	0.02	1	1	0.05502959	0.00136519
59.8	59.86	15.69	15.85	18.12	17.84	0.28	16.04	16.2	-0.16	1	0	0.01458333	0.00100334
24.44	24.43	41.3	41.02	17.26	18.37	-1.11	77.19	76.91	0.28	0	1	0.02570635	0.00682594
33.66	33.71	50.01	49.74	16.5	17.39	-0.89	76.47	76.2	0.27	0	1	0.01723136	0.00542823
				0	0	0	60	60	0				
				-43.91	-43.41	-0.5	60	60	0	0	0	0.03322259	
				16.25	17.24	-0.99	60	60	0	0	0	0.02978339	
26.84	26.87	42.96	42.85	17.34	17.96	-0.62	76.3	76.19	0.11	0	1	0.01359649	0.00256709
59.71	59.69	15.61	16.07	0	0	0	16.25	16.71	-0.46		0		0.00033495
7.74	7.74	23.72	24.22	17.59	17.98	-0.39	76.27	76.77	-0.5	0		0.01461221	
				17.93	19.46	-1.53	60	60	0	0	0	0.0448286	
50.87	50.84	7.59	7.5	-41.47	-41.49	0.02	17.03	16.94	0.09	1	1	0.00185185	0.012
30.75	30.72	47.38	47.07	0	0	0	76.95	76.64	0.31		1		0.00658594
44.47	44.46	0.39	0.79	-42.19	-41.95	-0.24	16.11	16.51	-0.4	0	0	0.06666667	0.00022487
55.02	54.99	11.19	11.28	-42.38	-41.92	-0.46	16.31	16.4	-0.09	0	0	0.03285714	0.00054526
				18.59	18.42	0.17	60	60	0	1		0.00435005	
4.12	3.98	20.93	20.69	0	0	0	77.08	76.84	0.24		1		0.01159981
22.64	22.65	38.68	38.74	17.79	17.93	-0.14	76.24	76.3	-0.06	0	0	0.00333969	0.0004417
				-42.23	-42.05	-0.18	60	60	0	0		0.01016375	
55.14	55.11	11.3	11.41	-42.98	-41.87	-1.11	16.42	16.53	-0.11	0	0	0.08173785	0.00054407
33.41	33.36	50.18	49.91	0	0	0	77.01	76.74	0.27		1		0.00540974
				17.64	18.02	-0.38	60	60	0	0		0.01954733	
58.37	58.41	14.98	14.85	-41.9	-41.95	0.05	37.41	37.28	0.13	1	1	0.00278707	0.00875421
14.19	14.19	30.61	30.12	16.88	16.17	0.71	76.56	76.07	0.49	1	1	0.022278	0.01626826
49.15	49.2	5.52	5.04	-42.37	-41.93	-0.44	16.56	16.08	0.48	0	1	0.05352798	0.0952381
7.24	7.3	23.75	23.34	17.59	17.55	0.04	76.61	76.2	0.41	1	1	0.00152033	0.01756641
56.97	56.88	12.84	13.34	0	0	0	16.13	16.63	-0.5		0		0.00157978
18.89	18.92	35.34	35.29	17.33	17.97	-0.64	75.03	74.98	0.05	0	1	0.01700319	0.00141683
18.84	18.92	35.17	35.22	0	0	0	76.4	76.45	-0.05		0		0.00424628
				18.11	18.02	0.09	60	60	0	1		0.00254958	
				-43.19	-43.3	0.11	60	60	0	1		0.30555556	

44.31	44.25	0.67	0.61	-43.11	-41.89	-1.22	16.63	16.57	0.06	0	1	0.47286822	0.09836066
54.12	54.08	10.48	10.11	-42.38	-41.9	-0.48	16.53	16.16	0.37	0	1	0.03672533	0.03659743
58.73	58.79	15.16	15.16	-41.26	-40.61	-0.65	15.51	15.51	0	0	0	0.03563596	0.00102162
37.92	37.97	54.45	54.43	0	0	0	76.62	76.6	0.02	0	1	0.00036744	0.00036744
27.12	27.24	43.63	43.62	17.72	18.24	-0.52	76.59	76.58	0.01	0	1	0.01120448	0.00022925
				17.94	18.49	-0.55	60	60	0	0	0	0.01901141	
7.94	7.94	24.71	24.61	18	18.4	-0.4	76.98	76.88	0.1	0	1	0.01466276	0.00406339
20.46	20.39	35.68	36.93	17.86	18.02	-0.16	75.46	76.71	-1.25	0	0	0.00402414	0.00342131
				17.71	17.98	-0.27	60	60	0	0	0	0.00736096	
31.19	31.17	47.84	47.73	0	0	0	76.84	76.73	0.11	0	1	0.00230463	0.00230463
38.96	38.99	55.36	55.09	17.94	17.92	0.02	76.53	76.26	0.27	1	1	0.00034282	0.00490107
38.96	38.99	55.36	55.09	17.94	17.92	0.02	76.53	76.26	0.27	1	1	0.00034282	0.00490107
45.56	45.67	2.01	1.75	0	0	0	16.7	16.44	0.26	0	1	0.14857143	0.14857143
				-42.15	-41.91	-0.24	60	60	0	0	0	0.09230769	
				-42.27	-42.12	-0.15	60	60	0	0	0	0.01674107	
				12.86	13.74	-0.88	60	60	0	0	0	0.03057679	
18.94	18.87	27.14	27.15	-30.8	-30.8	0	68.33	68.34	-0.01	0	0	0.00369588	0.00369588
				-44.65	-46.04	1.39	60	60	0	1	0	0.24385965	
				11.9	10.52	1.38	60	60	0	1	0	0.02702173	
2.55	2.54	14	13.99	16.31	16.21	0.1	71.55	71.54	0.01	1	1	0.00350018	0.0007148
				19.34	19.55	-0.21	60	60	0	0	0	0.00464191	
				18.26	18.46	-0.2	60	60	0	0	0	0.01084011	
				-41.08	-41.11	0.03	60	60	0	1	0	0.00289296	
				17.69	16.22	1.47	60	60	0	1	0	0.03455571	
38.88	37.77	39.05	39.07	-41.12	-40.97	-0.15	60.37	60.39	-0.02	0	0	0.0177305	0.02854938
				18.91	19.11	-0.2	60	60	0	0	0	0.00437541	
26.62	26.29	45.33	45.87	12.17	11.68	0.49	79.58	80.12	-0.54	1	0	0.01786365	0.01239669
27.9	27.87	38.76	38.86	18.16	17.58	0.58	70.93	71.03	-0.1	1	0	0.01031111	0.00107527
				17.23	17.15	0.08	60	60	0	1	0	0.0016996	
55.82	55.76	10.57	11.04	17.09	18.73	-1.64	14.81	15.28	-0.47	0	0	0.08559499	0.00107488
39.07	39.07	42.86	42.88	-46.97	-46.56	-0.41	63.79	63.81	-0.02	0	0	0.29710145	0
19.43	19.39	23.53	23.43	-23.43	-23.43	0	64.18	64.08	0.1	0	1	0.00426803	0.00426803
6.88	6.83	11.71	11.27	11.6	11.14	0.46	64.89	64.45	0.44	1	1	0.01727375	0.0390417
7.69	7.78	16.23	16.59	11.12	8.34	2.78	68.56	68.92	-0.36	1	0	0.10996835	0.01170351
41.26	41.25			-48.12	-47.86	-0.26	18.76	18.76	0	0	0	0.1969697	0.00024237
39.25	39.25	42.89	42.85	10.77	11.12	-0.35	63.75	63.71	0.04	0	1	0.00589126	0.00093349
50.71	50.72			-53.39	-53.29	-0.1	9.29	9.29	0	0	0	0.01552795	0.0001972
49.71	49.76	53.84	53.50	-58.44	-58.44	0	64.5	64.16	0.34	0	1	0.00635514	0.00635514
9.87	9.86	14.58	14.18	-18.47	-18.47	0	64.75	64.35	0.4	0	1	0.02820874	0.02820874
13.61	13.61	18.47	18.44	11.77	14.06	-2.29	64.99	64.96	0.03	0	1	0.06777153	0.0016269
11.92	11.91	45.89	45.81	11.71	11.45	0.26	94.1	94.02	0.08	1	1	0.0081864	0.00174634
49.45	49.46	53.87	53.51	-17.4	-17.4	0	64.33	63.97	0.36	0	1	0.00672771	0.00672771
57.93	57.92	2.26	2.16	10.35	7.87	2.48	4.38	4.28	0.1	1	1	0.16870748	0.0462963
56.85	56.88	0.6	0.64	-38.86	-39.84	0.98	3.79	3.83	-0.04	1	0	0.05774897	0.0005277
12.91	12.9			11.58	11.67	-0.09	47.11	47.11	0	0	0	0.00266351	0.00077459
				10.11	9.72	0.39	60	60	0	1	0	0.00723428	
2.37	2.37	5.74	5.77	10.84	9.75	1.09	63.37	63.4	-0.03	1	0	0.04898876	0
18.54	18.47	19.75	19.78	6.7	7.54	-0.84	61.24	61.27	-0.03	0	0	0.02480071	0.00377562
12.35	12.31	16.61	16.5	11.02	12.77	-1.75	64.33	64.22	0.11	0	1	0.0547046	0.00666667
36.66	36.66	39.6	39.86	11.08	10.6	0.48	62.96	63.22	-0.26	1	0	0.00858984	0
21.65	21.65	26.83	25.62	11.37	11.42	-0.05	65.17	63.96	1.21	0	1	0.00118343	0.04722873
30.87	30.88	32.07	32.2	6.37	6.12	0.25	61.21	61.34	-0.13	1	0	0.00539025	0.00032394
52.66	52.67	56.61	56.53	11.71	11.68	0.03	63.96	63.88	0.08	1	1	0.0021645	0.00141518
16.53	16.53			-26.04	-26.04	0	43.51	43.51	0	0	0	0	0
52.93	52.92	57	56.11	11.43	11.32	0.11	64.17	63.28	0.89	1	1	0.00828313	0.0158617
50.84	50.84	57.88	57.33	-38.31	-36.84	-1.47	117.37	116.82	0.55	0	1	0.11731844	0.00959358
		8.92	13.96	14.91	14.76	0.15	60	65.04	-5.04	1	0	0.00422535	
31.79	31.87	41.94	41.69	0	0	0	70.29	70.04	0.25	0	1	0.00599664	0.00599664