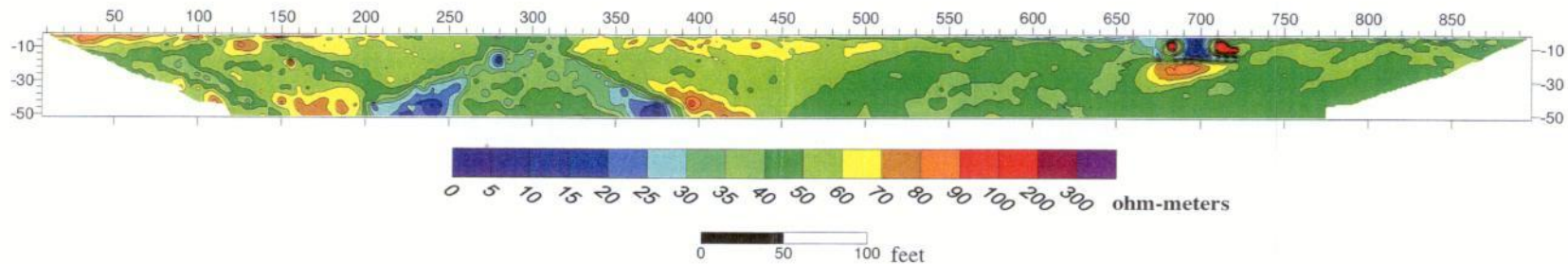
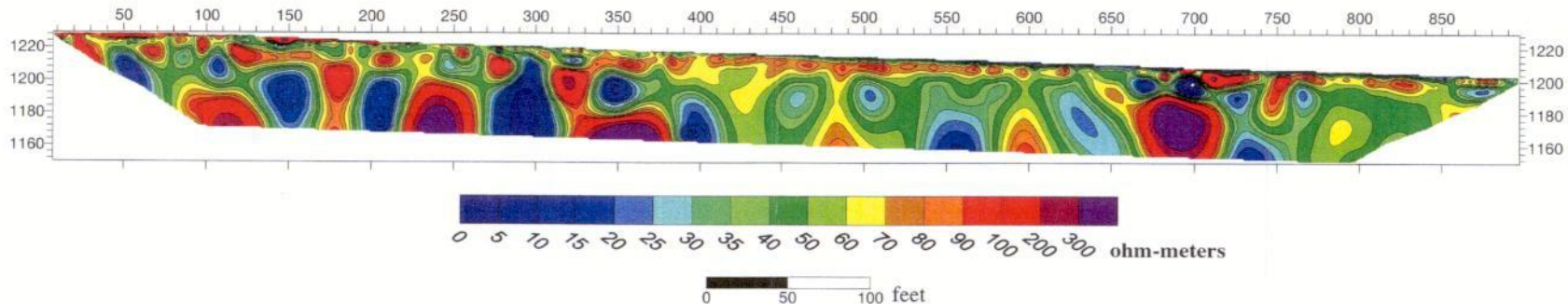


Profile: West 80-feet

Measured apparent resistivity section

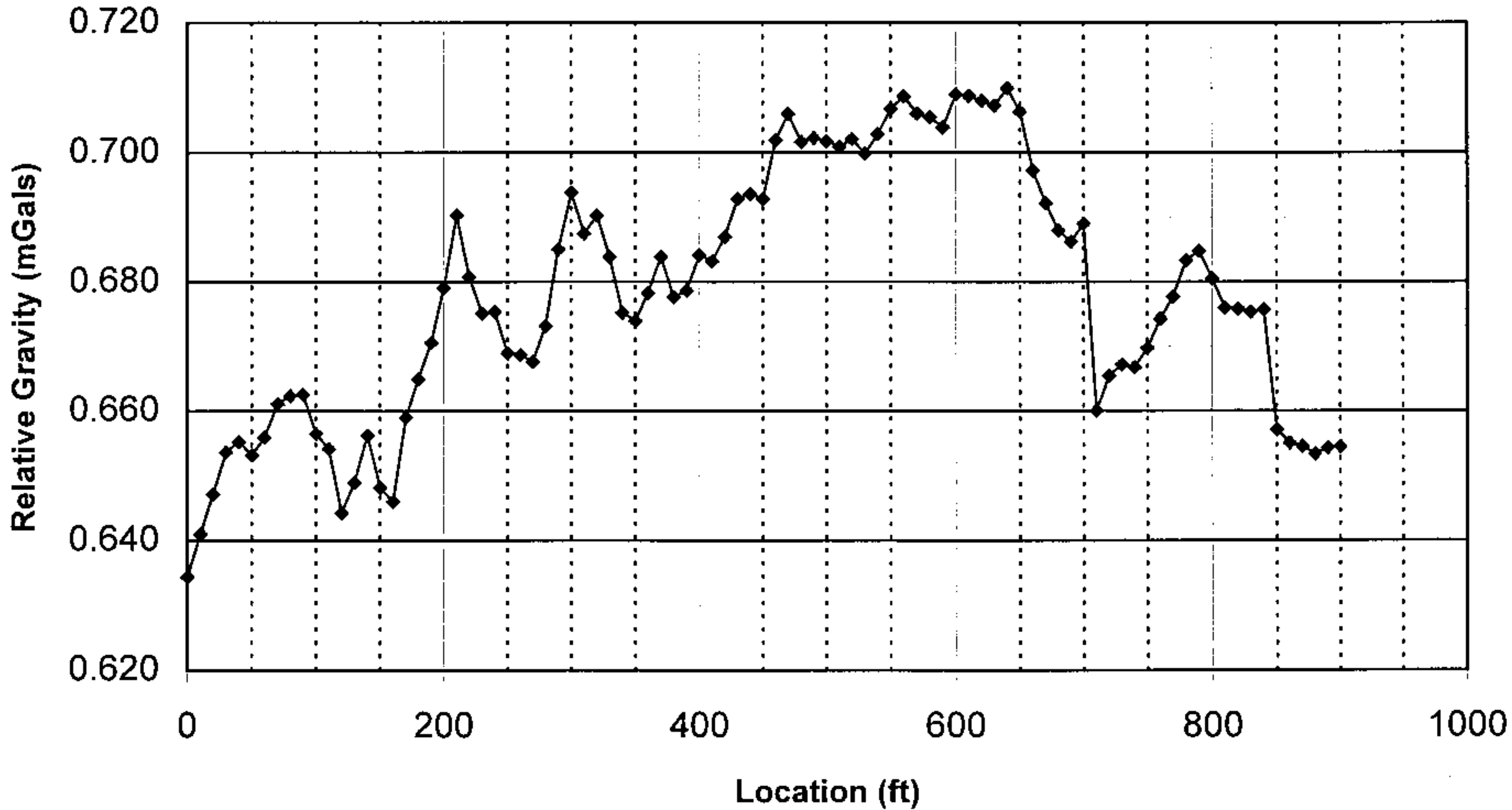


Model resistivity section - 9.5% Inversion RMS error



Microgravity Survey Profile: WEST80FT

CSSA, Boerne, TX



MICROGRAVITY SURVEY RESULTS
AOC 65 Treatability Study
Camp Stanley Storage Activity, Boerne, TX

Base Gravity Readings		
Location	Date/Time	Insrtument Reading
base	12/19/01 8:42	47.860
base	12/19/01 9:14	47.903
base	12/19/01 9:47	47.912
base	12/19/01 10:24	47.909
base	12/19/01 11:11	47.890
base	12/19/01 11:44	47.887
base	12/19/01 12:17	47.892
base	12/19/01 12:55	47.892
base	12/19/01 14:21	47.841
base	12/19/01 14:49	47.875
base	12/19/01 15:27	47.883
base	12/19/01 15:59	47.891
base	12/19/01 16:34	47.894
base	12/19/01 17:05	47.897
base	12/19/01 17:38	47.905
base	12/19/01 18:21	47.923
base	1/10/2002 9:34	47.837
base	1/10/2002 9:50	47.861
base	1/10/2002 10:08	47.890
base	1/10/2002 10:27	47.901
base	1/10/2002 10:59	47.898
Average:		47.888
Latitude Correction:		0.096
Base Elevation:		1216.88
Elevation Correction:		69.360
Observed Gravity:		117.343

MICROGRAVITY SURVEY RESULTS
AOC 65 Treatability Study
Camp Stanley Storage Activity, Boerne, TX

590	12/19/01 16:55	47.894	0.036	1213.70	0.126	69.178	0.885	0.704
600	12/19/01 17:00	47.895	0.037	1213.48	0.128	69.166	0.900	0.709
610	12/19/01 17:10	47.897	0.038	1213.17	0.130	69.148	0.915	0.709
620	12/19/01 17:15	47.898	0.039	1212.86	0.132	69.131	0.930	0.708
630	12/19/01 17:20	47.899	0.041	1212.55	0.134	69.113	0.945	0.707
640	12/19/01 17:25	47.900	0.042	1212.30	0.136	69.099	0.960	0.710
650	12/19/01 17:29	47.903	0.043	1211.90	0.138	69.076	0.975	0.706
660	12/19/01 17:45	47.907	0.048	1211.46	0.141	69.051	0.990	0.697
670	12/19/01 17:52	47.910	0.051	1211.07	0.143	69.029	1.005	0.692
680	12/19/01 17:56	47.908	0.053	1210.76	0.145	69.011	1.020	0.688
690	12/19/01 18:02	47.915	0.055	1210.35	0.147	68.988	1.035	0.686
700	1/10/2002 9:38	47.841	0.006	1210.01	0.149	68.968	1.080	0.689
710	1/10/2002 9:40	47.845	0.009	1209.71	0.151	68.951	1.065	0.660
720	1/10/2002 9:42	47.850	0.012	1209.47	0.153	68.937	1.080	0.665
730	1/10/2002 9:45	47.855	0.017	1209.19	0.155	68.921	1.095	0.667
740	1/10/2002 9:47	47.857	0.020	1208.90	0.158	68.905	1.110	0.667
750	1/10/2002 9:53	47.863	0.029	1208.71	0.160	68.894	1.125	0.670
760	1/10/2002 9:54	47.868	0.030	1208.43	0.162	68.878	1.140	0.674
770	1/10/2002 9:59	47.876	0.039	1208.19	0.164	68.864	1.155	0.678
780	1/10/2002 10:01	47.882	0.042	1207.94	0.166	68.850	1.170	0.683
790	1/10/2002 10:04	47.886	0.047	1207.68	0.168	68.835	1.185	0.685
800	1/10/2002 10:11	47.891	0.055	1207.36	0.170	68.817	1.200	0.681
810	1/10/2002 10:14	47.891	0.056	1207.01	0.173	68.797	1.215	0.676
820	1/10/2002 10:17	47.892	0.058	1206.72	0.175	68.781	1.230	0.676
830	1/10/2002 10:20	47.896	0.060	1206.37	0.177	68.761	1.245	0.675
840	1/10/2002 10:23	47.901	0.062	1206.02	0.179	68.741	1.260	0.676
850	1/10/2002 10:46	47.892	0.062	1205.56	0.181	68.715	1.275	0.657
860	1/10/2002 10:48	47.892	0.062	1205.22	0.183	68.695	1.290	0.655
870	1/10/2002 10:50	47.893	0.062	1204.89	0.185	68.676	1.305	0.655
880	1/10/2002 10:52	47.895	0.062	1204.53	0.187	68.656	1.320	0.653
890	1/10/2002 10:54	47.898	0.061	1204.19	0.190	68.636	1.335	0.654
900	1/10/2002 10:56	47.898	0.061	1203.89	0.192	68.619	1.350	0.654

MICROGRAVITY SURVEY RESULTS
 AOC 65 Treatability Study
 Camp Stanley Storage Activity, Boerne, TX

250	12/19/01 11:34	47.889	0.028	1223.25	0.053	69.723	0.375	0.669
260	12/19/01 11:49	47.888	0.028	1222.96	0.055	69.706	0.390	0.669
270	12/19/01 11:53	47.887	0.028	1222.67	0.058	69.690	0.405	0.668
280	12/19/01 11:58	47.887	0.029	1222.48	0.060	69.679	0.420	0.673
290	12/19/01 12:02	47.888	0.030	1222.38	0.062	69.673	0.435	0.685
300	12/19/01 12:11	47.889	0.031	1222.24	0.064	69.665	0.450	0.694
310	12/19/01 12:26	47.887	0.032	1221.88	0.066	69.645	0.465	0.688
320	12/19/01 12:34	47.888	0.032	1221.61	0.068	69.629	0.480	0.690
330	12/19/01 12:39	47.889	0.032	1221.18	0.070	69.605	0.495	0.684
340	12/19/01 12:45	47.890	0.032	1220.71	0.072	69.578	0.510	0.675
350	12/19/01 12:50	47.891	0.032	1220.37	0.075	69.559	0.525	0.674
360	12/19/01 14:27	47.847	-0.012	1220.15	0.077	69.546	0.540	0.678
370	12/19/01 14:31	47.854	-0.007	1219.91	0.079	69.532	0.555	0.684
380	12/19/01 14:35	47.860	-0.002	1219.48	0.081	69.508	0.570	0.678
390	12/19/01 14:39	47.863	0.003	1219.23	0.083	69.494	0.585	0.679
400	12/19/01 14:43	47.867	0.008	1219.04	0.085	69.483	0.600	0.684
410	12/19/01 15:05	47.875	0.018	1218.77	0.087	69.467	0.615	0.683
420	12/19/01 15:08	47.876	0.019	1218.53	0.089	69.454	0.630	0.687
430	12/19/01 15:13	47.876	0.020	1218.35	0.092	69.444	0.645	0.693
440	12/19/01 15:17	47.877	0.021	1218.06	0.094	69.427	0.660	0.694
450	12/19/01 15:22	47.879	0.022	1217.73	0.096	69.408	0.675	0.693
460	12/19/01 15:33	47.886	0.024	1217.51	0.098	69.396	0.690	0.702
470	12/19/01 15:38	47.889	0.026	1217.25	0.100	69.381	0.705	0.706
480	12/19/01 15:44	47.889	0.027	1216.90	0.102	69.361	0.720	0.702
490	12/19/01 15:48	47.890	0.028	1216.61	0.104	69.344	0.735	0.702
500	12/19/01 15:53	47.889	0.030	1216.34	0.107	69.329	0.750	0.702
510	12/19/01 16:05	47.889	0.032	1216.06	0.109	69.313	0.765	0.701
520	12/19/01 16:10	47.890	0.032	1215.77	0.111	69.296	0.780	0.702
530	12/19/01 16:15	47.891	0.032	1215.42	0.113	69.277	0.795	0.700
540	12/19/01 16:20	47.891	0.033	1215.18	0.115	69.263	0.810	0.703
550	12/19/01 16:25	47.893	0.033	1214.92	0.117	69.248	0.825	0.707
560	12/19/01 16:40	47.894	0.035	1214.66	0.119	69.233	0.840	0.709
570	12/19/01 16:44	47.894	0.035	1214.32	0.121	69.214	0.855	0.706
580	12/19/01 16:49	47.895	0.035	1214.00	0.124	69.196	0.870	0.705

MICROGRAVITY SURVEY RESULTS
AOC 65 Treatability Study
Camp Stanley Storage Activity, Boerne, TX

Profile:		WEST80FT						
Date Collected:		12/19/2001 & 1/10/2002						
Instrument counter reading:		27438						
Density of bedrock unit:		2.90 g/cm ^{***}						
Latitude of starting (0) point:		29deg 41' 03"= 29.684 deg						
Gravity change with latitude:		0.000213 mGals/ft						
Station	Date/Time	Instrument Reading	Drift	Elevation	Latitude Correction	Elevation Correction	Trend Correction	Gravity Anomaly
0	12/19/01 8:48	47.881	0.008	1229.95	0.000	70.105	0.000	0.634
10	12/19/01 8:52	47.886	0.013	1229.93	0.002	70.104	0.006	0.641
20	12/19/01 8:56	47.890	0.019	1229.92	0.004	70.103	0.012	0.647
30	12/19/01 9:00	47.896	0.024	1229.88	0.006	70.101	0.018	0.654
40	12/19/01 9:04	47.896	0.030	1229.86	0.009	70.100	0.024	0.655
50	12/19/01 9:08	47.902	0.035	1229.67	0.011	70.089	0.030	0.653
60	12/19/01 9:20	47.908	0.045	1229.64	0.013	70.087	0.036	0.656
70	12/19/01 9:25	47.907	0.046	1229.63	0.015	70.086	0.042	0.661
80	12/19/01 9:30	47.910	0.047	1229.48	0.017	70.078	0.048	0.662
90	12/19/01 9:35	47.908	0.049	1229.40	0.019	70.073	0.054	0.663
100	12/19/01 9:42	47.910	0.051	1229.15	0.021	70.059	0.060	0.657
110	12/19/01 9:54	47.914	0.051	1228.91	0.023	70.045	0.066	0.654
120	12/19/01 10:00	47.912	0.051	1228.62	0.026	70.029	0.072	0.644
130	12/19/01 10:05	47.910	0.051	1228.36	0.028	70.014	0.091	0.649
140	12/19/01 10:10	47.908	0.050	1228.11	0.030	70.000	0.112	0.656
150	12/19/01 10:15	47.908	0.050	1227.52	0.032	69.966	0.135	0.648
160	12/19/01 10:31	47.907	0.046	1226.96	0.034	69.934	0.160	0.646
170	12/19/01 10:36	47.906	0.044	1226.66	0.036	69.917	0.187	0.659
180	12/19/01 10:41	47.905	0.042	1226.20	0.038	69.891	0.216	0.665
190	12/19/01 10:47	47.903	0.040	1225.71	0.040	69.863	0.247	0.671
200	12/19/01 10:53	47.903	0.037	1225.20	0.043	69.834	0.280	0.679
210	12/19/01 11:17	47.891	0.029	1224.82	0.045	69.812	0.315	0.690
220	12/19/01 11:21	47.889	0.029	1224.38	0.047	69.787	0.330	0.681
230	12/19/01 11:26	47.888	0.029	1223.99	0.049	69.765	0.345	0.675
240	12/19/01 11:30	47.889	0.028	1223.67	0.051	69.747	0.360	0.675