

001.10 Ammoniacal Nitrogen		
Lab		MgO distillation
49	18.29	-0.453
79	18.23	-0.280
Median	18.13	0.000
31	18.04	0.280
Std Dev	17.78	1.000
242	17.01	3.226

001.99 Ammoniacal Nitrogen		
Lab		Other
61	18.35	-0.951
61	18.33	-0.778
124	18.24	0.000
Median	18.24	0.000
24	18.18	0.562
Std Dev	18.12	1.000
24	18.08	1.383

001.XX Ammoniacal Nitrogen		
Lab		Total Method
61	18.35	-0.766
61	18.33	-0.638
49	18.29	-0.383
124	18.24	-0.064
79	18.23	0.000
Median	18.23	0.000
24	18.18	0.351
24	18.08	0.957
Std Dev	18.07	1.000
31	18.04	1.244
242	17.01	7.785

010.10 Total Nitrogen		
Lab		Reduced Iron
40	18.60	0.000
Median	18.60	0.000

010.11 Total Nitrogen		
Lab		Modified Comprehensive
49	18.34	-1.320
Std Dev	18.30	-1.000
79	18.24	-0.560
Median	18.17	0.000

43	18.10	0.560
43	18.09	0.680

010.12 Total Nitrogen		
Lab		Salicylic
119	17.95	0.000
Median	17.95	0.000

010.16 Total Nitrogen		
Lab		Raney
237	18.22	0.000
Median	18.22	0.000

010.60 Total Nitrogen		
Lab		Combustion
104	18.68	-2.438
123	18.49	-1.179
Std Dev	18.46	-1.000

31	18.44	-0.856
39	18.44	-0.856
77	18.44	-0.856
38	18.42	-0.727
42	18.40	-0.597
65	18.40	-0.597
75	18.38	-0.500
14	18.38	-0.468
14	18.38	-0.468
99	18.37	-0.404
49	18.34	-0.242
102	18.33	-0.145
44	18.31	-0.016
Median	18.30	0.000
9	18.30	0.016
24	18.27	0.242
29	18.27	0.242
64	18.27	0.242
24	18.24	0.404
270	18.23	0.500
41	18.20	0.694
103	18.18	0.791
Std Dev	18.15	1.000
66	18.14	1.082
63	18.06	1.598
95	18.05	1.631

87	18.01	1.889
80	18.00	1.953
63	17.95	2.276
110	17.85	2.922

010.99 Total Nitrogen		
Lab		Other
242	18.80	-5.807
Std Dev	18.42	-1.000
47	18.39	-0.574
23	18.35	0.000
Median	18.35	0.000
23	18.29	0.766
Std Dev	18.27	1.000
107	18.12	2.935

010.XX Total Nitrogen		
Lab		Total Method
242	18.80	-2.819
104	18.68	-2.152
40	18.60	-1.680
123	18.49	-1.069
Std Dev	18.47	-1.000
31	18.44	-0.792
39	18.44	-0.792
77	18.44	-0.792
38	18.42	-0.680
42	18.40	-0.569
65	18.40	-0.569
47	18.39	-0.542
75	18.38	-0.486
14	18.38	-0.458
14	18.38	-0.458
99	18.37	-0.403
23	18.35	-0.292
49	18.34	-0.264
49	18.34	-0.236
102	18.33	-0.181
44	18.31	-0.069
9	18.30	-0.042
Median	18.29	0.000
23	18.29	0.042
24	18.27	0.153
29	18.27	0.153

64	18.27	0.153
24	18.24	0.292
79	18.24	0.292
270	18.23	0.375
237	18.22	0.430
41	18.20	0.542
103	18.18	0.625
66	18.14	0.875
107	18.12	0.986
Std Dev	18.11	1.000
43	18.10	1.069
43	18.09	1.153
63	18.06	1.319
95	18.05	1.347
87	18.01	1.569
80	18.00	1.625
63	17.95	1.902
119	17.95	1.902
110	17.85	2.458

020.10 Total Phosphate		
Lab		Gravimetric Quimociac
40	46.78	-1.340
Std Dev	46.72	-1.000
Median	46.57	0.000
Std Dev	46.42	1.000
79	46.37	1.340

020.20 Total Phosphate		
Lab		Spectrometric
242	57.15	-41.023
95	47.80	-5.226
41	47.04	-2.297
237	46.70	-1.015
Std Dev	46.70	-1.000
123	46.68	-0.938
43	46.56	-0.459
43	46.54	-0.402
24	46.52	-0.306
99	46.44	0.000
Median	46.44	0.000
23	46.42	0.077
24	46.36	0.287
23	46.34	0.364

270	46.33	0.402
31	46.21	0.861
220	46.21	0.878
Std Dev	46.17	1.000
110	46.00	1.665
102	45.98	1.761

020.40 Total Phosphate		
Lab	Automated	
14	46.43	-1.715
Std Dev	46.41	-1.000
61	46.40	-0.429
Median	46.39	0.000
61	46.38	0.429
Std Dev	46.37	1.000
14	46.37	1.072

020.99 Total Phosphate		
Lab	Other	
124	47.07	-1.340
Std Dev	47.02	-1.000
Median	46.86	0.000
Std Dev	46.69	1.000
9	46.64	1.340

020.XX Total Phosphate		
Lab	Total Method	
242	57.15	-44.890
95	47.80	-5.737
124	47.07	-2.680
41	47.04	-2.533
40	46.78	-1.445
237	46.70	-1.131
123	46.68	-1.047
Std Dev	46.67	-1.000
9	46.64	-0.879
43	46.56	-0.523
43	46.54	-0.461
24	46.52	-0.356
99	46.44	-0.021
14	46.43	0.000
Median	46.43	0.000
23	46.42	0.063
61	46.40	0.126

61	46.38	0.209
79	46.37	0.251
14	46.37	0.272
24	46.36	0.293
23	46.34	0.377
270	46.33	0.419
31	46.21	0.921
220	46.21	0.939
Std Dev	46.19	1.000
110	46.00	1.801
102	45.98	1.905

030.10 Insoluble Phosphate		
Lab	Gravimetric Quimociac	
79	0.02	0.000
Median	0.02	0.000

030.20 Insoluble Phosphate		
Lab	Spectrometric	
9	0.05	-2.213
Std Dev	0.04	-1.000
24	0.04	-0.738
23	0.03	-0.246
24	0.03	-0.246
Median	0.03	0.000
31	0.03	0.246
43	0.02	0.885
Std Dev	0.02	1.000
23	0.02	1.229
43	0.01	1.377

030.40 Insoluble Phosphate		
Lab	Automated	
14	0.06	-0.858
14	0.05	-0.643
Median	0.04	0.000
61	0.02	0.643
61	0.02	0.643

030.XX Insoluble Phosphate		
Lab	Total Method	
14	0.06	-2.680
9	0.05	-2.233
14	0.05	-2.233

Std Dev	0.04	-1.000
24	0.04	-0.893
23	0.03	-0.447
24	0.03	-0.447
31	0.03	0.000
Median	0.03	0.000
61	0.02	0.447
61	0.02	0.447
79	0.02	0.447
43	0.02	0.581
23	0.02	0.893
Std Dev	0.01	1.000
43	0.01	1.027

040.10 Indirect Available Phosphate		
Lab	Gravimetric Quimociac	
79	46.35	0.000
Median	46.35	0.000

040.20 Indirect Available Phosphate		
Lab	Spectrometric	
9	46.59	-0.702
123	46.58	-0.638
43	46.54	-0.383
43	46.52	-0.255
24	46.48	0.000
Median	46.48	0.000
23	46.39	0.606
24	46.33	0.957
23	46.33	0.989
Std Dev	46.32	1.000
31	46.19	1.882

040.40 Indirect Available Phosphate		
Lab	Automated	
61	46.38	-0.846
14	46.37	-0.282
Median	46.37	0.000
61	46.36	0.282
Std Dev	46.35	1.000
14	46.32	2.821

040.XX Indirect Available Phosphate		
Lab	Total Method	

9	46.59	-1.646
123	46.58	-1.570
43	46.54	-1.263
43	46.52	-1.110
Std Dev	46.51	-1.000
24	46.48	-0.804
23	46.39	-0.077
61	46.38	-0.038
Median	46.38	0.000
14	46.37	0.038
61	46.36	0.115
79	46.35	0.191
24	46.33	0.345
23	46.33	0.383
14	46.32	0.459
Std Dev	46.24	1.000
31	46.19	1.455

041.10 Direct Available Phosphate		
Lab	Gravimetric Quimociac	
47	46.96	-2.168
119	46.88	-1.710
Std Dev	46.74	-1.000
65	46.73	-0.929
87	46.57	-0.040
Median	46.56	0.000
44	46.55	0.040
49	46.54	0.121
39	46.47	0.498
104	46.43	0.687

041.20 Direct Available Phosphate		
Lab	Spectrometric	
47	46.62	-2.505
Std Dev	46.23	-1.000
220	45.97	0.000
Median	45.97	0.000
237	45.93	0.175

041.40 Direct Available Phosphate		
Lab	Automated	
42	46.82	-1.024
Std Dev	46.81	-1.000
39	46.64	-0.487

Median	46.47	0.000
38	46.30	0.487
Std Dev	46.12	1.000
49	45.98	1.416

041.50 Direct Available Phosphate		
Lab	ICP	
80	46.50	-2.292
66	45.77	-1.299
Std Dev	45.55	-1.000
63	44.82	0.000
Median	44.82	0.000
87	44.79	0.041
63	44.72	0.129

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
65	46.55	-1.167
Std Dev	46.53	-1.000
29	46.41	0.000
Median	46.41	0.000
Std Dev	46.29	1.000
77	46.24	1.513

041.XX Direct Available Phosphate		
Lab	Total Method	
47	46.96	-1.083
Std Dev	46.92	-1.000
119	46.88	-0.897
42	46.82	-0.776
65	46.73	-0.580
39	46.64	-0.372
47	46.62	-0.328
87	46.57	-0.219
44	46.55	-0.186
65	46.55	-0.175
49	46.54	-0.153
80	46.50	-0.077
39	46.47	0.000
Median	46.47	0.000
104	46.43	0.077
29	46.41	0.120
38	46.30	0.361
77	46.24	0.503

Std Dev	46.01	1.000
49	45.98	1.061
220	45.97	1.072
237	45.93	1.170
66	45.77	1.520
63	44.82	3.609
87	44.79	3.674
63	44.72	3.817

048.10 Water Soluble Phosphate		
Lab	Gravimetric Quimociac	
79	44.18	0.000
Median	44.18	0.000

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
9	44.62	-1.762
31	44.53	-1.074
Std Dev	44.51	-1.000
24	44.39	-0.097
24	44.39	-0.097
220	44.38	0.000
Median	44.38	0.000
Std Dev	44.24	1.000
43	44.22	1.171
23	44.21	1.243
23	44.08	2.185
43	43.98	2.873

048.99 Water Soluble Phosphate		
Lab	Other	
61	44.54	-0.515
123	44.46	-0.332
61	44.30	0.000
Median	44.30	0.000
Std Dev	43.83	1.000
14	43.83	1.008
14	43.77	1.136

048.XX Water Soluble Phosphate		
Lab	Total Method	
9	44.62	-1.454
61	44.54	-1.090
31	44.53	-1.022

Std Dev	44.52	-1.000
123	44.46	-0.704
24	44.39	-0.409
24	44.39	-0.409
220	44.38	-0.348
61	44.30	0.000
Median	44.30	0.000
43	44.22	0.386
23	44.21	0.432
79	44.18	0.545
Std Dev	44.08	1.000
23	44.08	1.022
43	43.98	1.454
14	43.83	2.135
14	43.77	2.407

050.00 Soluble Potash		
Lab	STPB Oxalate	
87	0.16	0.000
Median	0.16	0.000

050.30 Soluble Potash		
Lab	Atomic Absorption(Oxalate)	
95	1.08	0.000
Median	1.08	0.000

050.51 %K ₂ O Soluble Potash		
Lab	ICP(Citrate)	
87	0.11	0.000
Median	0.11	0.000

050.99 Soluble Potash		
Lab	%K ₂ O Other	
102	0.33	-14.737
23	0.16	-1.287
23	0.16	-1.287
Std Dev	0.16	-1.000
61	0.15	-0.509
79	0.15	-0.120
Median	0.14	0.000
43	0.14	0.120
43	0.14	0.186
24	0.14	0.268
61	0.14	0.268

24	0.14	0.657
050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
95	1.08	0.000
102	0.33	0.000
23	0.16	0.000
23	0.16	0.000
87	0.16	0.000
Std Dev	0.00	-1.000
61	0.15	0.000
79	0.15	0.000
Median	0.00	0.000
43	0.14	0.000
43	0.14	0.000
24	0.14	0.000
61	0.14	0.000
24	0.14	0.000
Std Dev	0.00	1.000
87	0.11	0.000

060.00 Free Water		
Lab	Vacuum Oven	
31	1.55	-1.012
Std Dev	1.54	-1.000
123	1.50	-0.675
24	1.48	-0.525
23	1.48	-0.487
24	1.43	-0.150
14	1.41	0.000
79	1.41	0.000
Median	1.41	0.000
14	1.38	0.225
23	1.36	0.375
Std Dev	1.28	1.000
43	1.11	2.249
43	1.06	2.624
124	1.04	2.774

060.10 Free Water		
Lab	Vacuum Desiccate	
61	1.30	-1.340
Std Dev	1.30	-1.000
Median	1.29	0.000

Std Dev	1.28	1.000
61	1.28	1.340

060.XX	Free Water	
Lab	Total Method	

31	1.55	-1.124
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Std Dev	1.53	-1.000
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123	1.50	-0.787
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24	1.48	-0.637
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23	1.48	-0.600
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24	1.43	-0.262
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14	1.41	-0.112
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79	1.41	-0.112
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Median	1.40	0.000
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14	1.38	0.112
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23	1.36	0.262
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61	1.30	0.712
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61	1.28	0.862
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Std Dev	1.26	1.000
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43	1.11	2.137
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43	1.06	2.511
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124	1.04	2.661
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101.00	Acid Soluble Calcium	
Lab	%CaO	Atomic Absorption

242	0.08	0.000
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Median	0.08	0.000
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101.30	Acid Soluble Calcium	
Lab	%CaO	ICP

23	0.51	-1.236
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14	0.50	-1.082
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Std Dev	0.50	-1.000
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14	0.50	-0.927
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23	0.49	-0.773
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24	0.49	-0.618
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24	0.48	-0.464
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61	0.48	-0.464
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31	0.48	-0.309
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9	0.47	-0.155
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Median	0.47	0.000
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61	0.46	0.155
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124	0.46	0.309
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102	0.45	0.397
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237	0.45	0.618
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87	0.44	0.808
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Std Dev	0.43	1.000
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43	0.41	1.586
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43	0.41	1.700
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79	0.41	1.700
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39	0.32	4.522
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101.XX	Acid Soluble Calcium	
Lab	%CaO	Total Method

23	0.51	-1.072
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Std Dev	0.50	-1.000
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14	0.50	-0.953
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14	0.50	-0.834
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23	0.49	-0.715
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24	0.49	-0.596
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24	0.48	-0.477
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61	0.48	-0.477
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31	0.48	-0.357
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9	0.47	-0.238
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61	0.46	0.000
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Median	0.46	0.000
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124	0.46	0.119
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102	0.45	0.187
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237	0.45	0.357
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87	0.44	0.504
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Std Dev	0.42	1.000
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43	0.41	1.104
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43	0.41	1.191
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79	0.41	1.191
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39	0.32	3.367
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242	0.08	9.055
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121.00	Acid Soluble Magnesium	
Lab	%MgO	Atomic Absorption

242	1.04	0.000
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Median	1.04	0.000
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121.30	Acid Soluble Magnesium	
Lab	%MgO	ICP

102	2.24	-10.391
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23	1.62	-2.554
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23	1.58	-2.049
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24	1.50	-1.040
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Std Dev	1.50	-1.000
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9	1.47	-0.599
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31	1.45	-0.347
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87	1.44	-0.298
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61	1.44	-0.284
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61	1.42	-0.032
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Median	1.42	0.000
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24	1.42	0.032
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14	1.39	0.410
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124	1.38	0.473
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14	1.37	0.662
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79	1.35	0.851
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Std Dev	1.34	1.000
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43	1.33	1.104
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43	1.30	1.482
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237	1.06	4.572
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39	0.88	6.722
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121.XX	Acid Soluble Magnesium	
Lab	%MgO	Total Method

102	2.24	-9.629
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23	1.62	-2.389
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23	1.58	-1.923
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Std Dev	1.50	-1.000
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24	1.50	-0.990
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9	1.47	-0.583
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31	1.45	-0.350
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87	1.44	-0.304
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61	1.44	-0.291
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61	1.42	-0.058
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24	1.42	0.000
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Median	1.42	0.000
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14	1.39	0.350
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124	1.38	0.408
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14	1.37	0.583
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79	1.35	0.757
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43	1.33	0.990
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Std Dev	1.33	1.000
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43	1.30	1.340
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237	1.06	4.195
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242	1.04	4.370
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39	0.88	6.181
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144..01	Sulfate Sulfur (S)	
Lab	Gravimetric	

79	2.64	-3.829
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Std Dev	2.32	-1.000
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220	2.23	-0.180
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Median	2.21	0.000
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61	2.19	0.180
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61	2.16	0.450
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144.99	Sulfate Sulfur (S)	
Lab	Other	

43	7.47	-18.981
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43	7.41	-18.769
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124	6.34	-14.983
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237	2.87	-2.689
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Std Dev	2.39	-1.000
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23	2.26	-0.531
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242	2.24	-0.478
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23	2.21	-0.354
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270	2.11	-0.018
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Median	2.11	0.000
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9	2.10	0.018
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24	2.09	0.071
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14	2.05	0.212
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14	2.03	0.265
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31	2.03	0.283
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24	2.02	0.318
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87	1.97	0.465
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Std Dev	1.82	1.000
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102	0.92	4.191
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144.XX	Sulfate Sulfur (S)	
Lab	Total Method	

43	7.47	-22.981
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43	7.41	-22.720
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124	6.34	-18.076
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237	2.87	-2.995
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79	2.64	-1.996
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Std Dev	2.41	-1.000
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23	2.26	-0.347
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242	2.24	-0.282
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220	2.23	-0.239
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23	2.21	-0.130
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61	2.19	-0.065
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Median	2.18	0.000
61	2.16	0.065
270	2.11	0.282
9	2.10	0.326
24	2.09	0.391
14	2.05	0.564
14	2.03	0.629
31	2.03	0.651
24	2.02	0.694
87	1.97	0.875
Std Dev	1.94	1.000
102	0.92	5.444

151.30 Total Arsenic		
Lab		ICP
64	BDL	0.000
102	<5	0.000
9	22.16	-4.372
Std Dev	6.17	-1.000
270	2.00	-0.120
Median	1.43	0.000
24	0.87	0.120
124	0.16	0.269

151.99 Total Arsenic		
Lab		Other
87	<4.4	0.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000
Std Dev	0.84	1.000
242	0.58	2.680

151.XX Total Arsenic		
Lab		Total Method
64	BDL	0.000
102	<5	0.000
87	<4.4	0.000
9	22.16	-36.469
270	2.00	-1.723
Std Dev	1.58	-1.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000

24	0.87	0.233
242	0.58	0.724
124	0.16	1.456

165.99 Acid Soluble Boron		
Lab	PPM	Other
87	289.40	-1.116
Std Dev	276.37	-1.000
124	229.00	-0.578
Median	164.00	0.000
102	99.00	0.578
24	77.10	0.773

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
87	289.40	-1.116
Std Dev	276.37	-1.000
124	229.00	-0.578
Median	164.00	0.000
102	99.00	0.578
24	77.10	0.773

181.00 Total Cadmium		
Lab		Atomic Absorption
220	38.58	-1.340
Std Dev	38.24	-1.000
Median	37.24	0.000
Std Dev	36.23	1.000
242	35.89	1.340

181.30 Total Cadmium		
Lab	PPM	ICP
102	52.10	-5.692
9	39.40	-1.036
Std Dev	39.30	-1.000
61	39.00	-0.889
61	39.00	-0.889
64	37.61	-0.379
270	37.15	-0.211
Median	36.58	0.000
31	36.00	0.211
87	35.75	0.302
124	35.46	0.409
237	35.00	0.577

43	34.00	0.944
Std Dev	33.85	1.000
43	33.55	1.109

181.99 Total Cadmium		
Lab		Other
24	40.00	0.000
Median	40.00	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
102	52.10	-5.901
24	40.00	-1.125
Std Dev	39.68	-1.000
9	39.40	-0.888
61	39.00	-0.730
61	39.00	-0.730
220	38.58	-0.566
64	37.61	-0.182
270	37.15	0.000
Median	37.15	0.000
31	36.00	0.454
242	35.89	0.497
87	35.75	0.553
124	35.46	0.667
237	35.00	0.849
Std Dev	34.62	1.000
43	34.00	1.243
43	33.55	1.421

190.00 Aluminum		
Lab	%Al ₂ O ₃	ICP
102	0.98	-17.049
9	0.45	-1.191
23	0.45	-1.191
24	0.45	-1.191
Std Dev	0.44	-1.000
23	0.44	-0.893
24	0.42	-0.149
31	0.42	-0.149
237	0.42	-0.149
61	0.41	0.000
Median	0.41	0.000
14	0.40	0.298

61	0.40	0.298
87	0.40	0.306
14	0.40	0.447
124	0.39	0.596
43	0.38	0.893
43	0.38	0.893
79	0.38	0.893

190.99 Aluminum		
Lab	%Al ₂ O ₃	Atomic Absorption
220	0.49	-1.340
Std Dev	0.48	-1.000
Median	0.45	0.000
Std Dev	0.42	1.000
242	0.42	1.340

190.XX Aluminum		
Lab	%Al ₂ O ₃	Total Method
102	0.98	-15.966
220	0.49	-2.063
Std Dev	0.45	-1.000
9	0.45	-0.985
23	0.45	-0.985
24	0.45	-0.985
23	0.44	-0.703
24	0.42	0.000
31	0.42	0.000
237	0.42	0.000
242	0.42	0.000
Median	0.42	0.000

61	0.41	0.141
14	0.40	0.422
61	0.40	0.422
87	0.40	0.429
14	0.40	0.563
124	0.39	0.703
43	0.38	0.985
43	0.38	0.985
79	0.38	0.985

191.30 Total Chromium		
Lab		ICP
102	437.00	-15.497
270	232.50	-1.018

Std Dev	232.25	-1.000
64	223.71	-0.395
9	223.50	-0.381
61	220.00	-0.133
61	219.00	-0.062
Median	218.13	0.000
87	217.25	0.062
31	214.00	0.292
237	205.00	0.929
Std Dev	204.00	1.000
43	203.50	1.035
79	201.00	1.212
43	200.00	1.283

191.99 Total Chromium		
Lab	PPM	Other
124	222.50	-1.340
Std Dev	221.17	-1.000
Median	217.25	0.000
Std Dev	213.33	1.000
24	212.00	1.340

191.XX Total Chromium		
Lab	PPM	Total Method
102	437.00	-17.775
270	232.50	-1.167
Std Dev	230.44	-1.000
64	223.71	-0.453
9	223.50	-0.437
124	222.50	-0.355
61	220.00	-0.152
61	219.00	-0.071
Median	218.13	0.000
87	217.25	0.071
31	214.00	0.335
24	212.00	0.497
Std Dev	205.81	1.000
237	205.00	1.066
43	203.50	1.188
79	201.00	1.391
43	200.00	1.472

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
64	BDL	0.000
124	4.51	-4.220
Std Dev	2.14	-1.000
61	2.00	-0.814
61	2.00	-0.814
102	1.95	-0.746
270	1.80	-0.543
Median	1.40	0.000
9	1.00	0.543
43	1.00	0.543
43	1.00	0.543
87	0.92	0.651
Std Dev	0.66	1.000
237	0.48	1.255

202.99 Acid Soluble Cobalt		
Lab	PPM	Other
24	0.70	0.000
Median	0.70	0.000

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
64	BDL	0.000
124	4.51	-4.634
61	2.00	-1.320
61	2.00	-1.320
102	1.95	-1.254
270	1.80	-1.056
Std Dev	1.76	-1.000
9	1.00	0.000
43	1.00	0.000
43	1.00	0.000
Median	1.00	0.000
87	0.92	0.106
24	0.70	0.396
237	0.48	0.693

221.30 Acid Soluble Copper		
Lab	PPM	ICP
124	6.50	-2.747
Std Dev	3.89	-1.000
61	3.00	-0.402
61	3.00	-0.402
270	3.00	-0.402

221.30 Acid Soluble Copper		
Lab	PPM	ICP
124	6.50	-2.747
Std Dev	3.89	-1.000
61	3.00	-0.402
61	3.00	-0.402
270	3.00	-0.402

9	2.50	-0.067
237	2.40	0.000
Median	2.40	0.000
102	1.50	0.603
43	1.00	0.938
43	1.00	0.938
79	1.00	0.938
87	1.00	0.938

221.99 Acid Soluble Copper		
Lab	PPM	Other
24	1.68	0.000
Median	1.68	0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
124	6.50	-2.990
Std Dev	3.53	-1.000
61	3.00	-0.645
61	3.00	-0.645
270	3.00	-0.645
9	2.50	-0.310
237	2.40	-0.243
Median	2.04	0.000
24	1.68	0.243
102	1.50	0.360
43	1.00	0.695
43	1.00	0.695
79	1.00	0.695
87	1.00	0.695

241.00 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Atomic Absorption
220	0.66	-1.340
Std Dev	0.65	-1.000
Median	0.61	0.000
Std Dev	0.57	1.000
242	0.56	1.340

241.30 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	ICP
102	2.07	-34.974
124	0.74	-1.639
23	0.72	-1.140

Std Dev	0.71	-1.000
14	0.70	-0.642
23	0.70	-0.642
14	0.69	-0.517
9	0.68	-0.268
24	0.68	-0.268
31	0.68	-0.143
Median	0.67	0.000
87	0.66	0.143
24	0.65	0.480
61	0.64	0.730
61	0.64	0.730
237	0.64	0.730
Std Dev	0.63	1.000
43	0.61	1.478
43	0.60	1.727
79	0.58	2.225
39	0.48	4.631

241.XX Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Total Method
102	2.07	-32.131
124	0.74	-1.632
23	0.72	-1.176
Std Dev	0.71	-1.000
14	0.70	-0.720
23	0.70	-0.720
14	0.69	-0.606
9	0.68	-0.378
24	0.68	-0.378
31	0.68	-0.264
87	0.66	-0.002
Median	0.66	0.000
220	0.66	0.002
24	0.65	0.306
61	0.64	0.534
61	0.64	0.534
237	0.64	0.534
Std Dev	0.62	1.000
43	0.61	1.219
43	0.60	1.447
79	0.58	1.903
242	0.56	2.473
39	0.48	4.104

251.00 Total Lead		
Lab	Atomic Absorbtion	
242	17.15	0.000
Median	17.15	0.000

251.30 Total Lead		
Lab	PPM	ICP
64	BDL	0.000
87	<5	0.000
102	<5	0.000
61	<1	0.000
124	<0.05	0.000
9	18.00	-7.258
79	4.00	-1.005
Std Dev	3.99	-1.000
237	2.50	-0.335
Median	1.75	0.000
61	1.00	0.335
43	0.50	0.558
43	0.50	0.558

251.99 Total Lead		
Lab	Other	
24	0.34	0.000
Median	0.34	0.000

251.XX Total Lead		
Lab	PPM	Total Method
64	BDL	0.000
87	<5	0.000
102	<5	0.000
61	<1	0.000
124	<0.05	0.000
9	18.00	-3.208
242	17.15	-3.040
Std Dev	6.82	-1.000
79	4.00	-0.444
237	2.50	-0.148
Median	1.75	0.000
61	1.00	0.148
43	0.50	0.247
43	0.50	0.247
24	0.34	0.279

261.30 Acid Soluble Manganese			
Lab	ICP		
39	448.00		-5.303
9	186.50		-1.810
Std Dev	125.87		-1.000
102	115.00		-0.855
61	51.00		0.000
61	51.00		0.000
Median	51.00		0.000
87	49.85		0.015
31	46.00		0.067

261.99 Acid Soluble Manganese			
Lab	PPM	Other	
24	53.00		-21.440
237	45.50		-1.340
Std Dev	45.37		-1.000
43	45.00		0.000
43	45.00		0.000
Median	45.00		0.000
Std Dev	44.63		1.000
124	43.87		3.042

261.XX Acid Soluble Manganese			
Lab	PPM	Total Method	
39	448.00		-23.038
9	186.50		-7.885
102	115.00		-3.742
Std Dev	67.68		-1.000
24	53.00		-0.149
61	51.00		-0.033
61	51.00		-0.033
Median	50.43		0.000
87	49.85		0.033
31	46.00		0.256
237	45.50		0.285
43	45.00		0.314
43	45.00		0.314
124	43.87		0.380

281.30 Total Mercury			
Lab	PPM	ICP	
24	<0.12		0.000

124	<0.05	0.000
Median	0.00	0.000

281.99 Total Mercury			
Lab	PPM	Other	
79	<5		0.000
102	<.4		0.000
242	3.57		0.000
Median	3.57		0.000

281.XX Total Mercury			
Lab	PPM	Total Method	
79	<5		0.000
24	<0.12		0.000
124	<0.05		0.000
102	<.4		0.000
242	3.57		0.000
Median	3.57		0.000

289.30 Total Molybdenum			
Lab	PPM	ICP	
64	BDL		0.000
102	17.15		-3.929
9	14.50		-3.217
61	7.00		-1.202
61	7.00		-1.202
Std Dev	6.25		-1.000
237	2.55		-0.007
Median	2.53		0.000
270	2.50		0.007
43	2.05		0.128
43	2.00		0.141
87	1.85		0.181
124	1.84		0.184

289.99 Total Molybdenum			
Lab	PPM	Other	
24	3.36		0.000
Median	3.36		0.000

289.XX Total Molybdenum			
Lab	PPM	Total Method	
64	BDL		0.000
102	17.15		-3.932

9	14.50	-3.219
61	7.00	-1.199
61	7.00	-1.199
Std Dev	6.26	-1.000
24	3.36	-0.218
237	2.55	0.000
Median	2.55	0.000
270	2.50	0.013
43	2.05	0.135
43	2.00	0.148
87	1.85	0.189
124	1.84	0.191

291.00 Total Nickel		
Lab	Atomic Absorbtion	
242	13.71	0.000
Median	13.71	0.000

291.30 Total Nickel		
Lab	ICP	
102	54.35	-27.853
9	30.85	-10.785
Std Dev	17.38	-1.000
87	16.85	-0.617
64	16.84	-0.610
237	16.50	-0.363
270	16.00	0.000
Median	16.00	0.000
124	15.27	0.534
61	15.00	0.726
61	15.00	0.726
Std Dev	14.62	1.000
43	14.00	1.453
43	13.50	1.816

291.99 Total Nickel		
Lab	PPM	Other
24	18.10	0.000
Median	18.10	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
102	54.35	-27.778
9	30.85	-10.756

24	18.10	-1.521
Std Dev	17.38	-1.000
87	16.85	-0.616
64	16.84	-0.608
237	16.50	-0.362
270	16.00	0.000
Median	16.00	0.000
124	15.27	0.532
61	15.00	0.724
61	15.00	0.724
Std Dev	14.62	1.000
43	14.00	1.449
242	13.71	1.659
43	13.50	1.811

301.30		Total Selenium	
Lab	PPM	ICP	
64	BDL		0.000
102	<5		0.000
87	<4.6		0.000
24	<0.50		0.000
124	<0.05		0.000
Median	0.00		0.000

301.99		Total Selenium	
Lab	PPM	Other	
61	<0.1		0.000
242	2.66		0.000
Median	2.66		0.000

301.XX		Total Selenium	
Lab	PPM	Total Mthod	
64	BDL		0.000
102	<5		0.000
87	<4.6		0.000
24	<0.50		0.000
61	<0.1		0.000
124	<0.05		0.000
242	2.66		0.000
Median	2.66		0.000

311.00		Sodium	
Lab	%Na ₂ O	Atomic Absorbtion	
61	0.24		-1.340

Std Dev	0.24	-1.000
Median	0.23	0.000
Std Dev	0.22	1.000
61	0.22	1.340

311.99		Sodium	
Lab	%Na ₂ O	Other	
102	0.35		-3.054
87	0.33		-2.498
Std Dev	0.27		-1.000
23	0.26		-0.625
23	0.25		-0.500
24	0.24		-0.125
Median	0.23		0.000
24	0.23		0.125
43	0.20		0.746
43	0.20		0.746
Std Dev	0.19		1.000
124	0.13		2.626
79	0.11		3.002

311.XX		Sodium	
Lab	%Na ₂ O	Total Method	
102	0.35		-3.204
87	0.33		-2.621
Std Dev	0.27		-1.000
23	0.26		-0.656
23	0.25		-0.525
61	0.24		-0.262
24	0.24		-0.131
Median	0.23		0.000
24	0.23		0.131
61	0.22		0.262
43	0.20		0.782
43	0.20		0.782
Std Dev	0.19		1.000
124	0.13		2.755
79	0.11		3.148

321.00		Acid Soluble Zinc	
Lab		Atomic Absorption	
242	418.56		0.000
Median	418.56		0.000

321.30		Acid Soluble Zinc	
Lab	PPM	ICP	
102	987.50		-13.888
270	559.50		-3.077
24	499.00		-1.549
Std Dev	477.25		-1.000
9	467.50		-0.754
124	444.50		-0.173
64	437.67		0.000
Median	437.67		0.000
61	435.00		0.067
61	433.00		0.118
87	427.40		0.259
Std Dev	398.08		1.000
237	398.00		1.002
79	1.70		11.012

321.99		Acid Soluble Zinc	
Lab		Other	
43	421.00		-1.340
Std Dev	420.81		-1.000
Median	420.25		0.000
Std Dev	419.69		1.000
43	419.50		1.340

321.XX		Acid Soluble Zinc	
Lab	PPM	Total Method	
102	987.50		-17.712
270	559.50		-4.016
24	499.00		-2.080
9	467.50		-1.072
Std Dev	465.25		-1.000
124	444.50		-0.336
64	437.67		-0.117
61	435.00		-0.032
Median	434.00		0.000
61	433.00		0.032
87	427.40		0.211
43	421.00		0.416
43	419.50		0.464
242	418.56		0.494
Std Dev	402.75		1.000
237	398.00		1.152
79	1.70		13.834

325.10		Fluoride	
Lab	%	Electrode	
270	1.70		-4.393
Std Dev	1.51		-1.000
23	1.49		-0.703
23	1.49		-0.615
102	1.48		-0.439
220	1.47		-0.308
9	1.45		0.000
24	1.45		0.000
124	1.45		0.000
Median	1.45		0.000
24	1.41		0.791
Std Dev	1.39		1.000
31	1.39		1.054
14	1.21		4.306
14	1.20		4.393

325.99		Fluoride	
Lab	%	Other	
61	1.51		0.000
61	1.51		0.000
Median	1.51		0.000

325.XX		Fluoride	
Lab	%	Total Method	
270	1.70		-4.459
Std Dev	1.51		-1.000
61	1.51		-0.947
61	1.51		-0.947
23	1.49		-0.578
23	1.49		-0.485
102	1.48		-0.300
220	1.47		-0.162
Median	1.46		0.000
9	1.45		0.162
24	1.45		0.162
124	1.45		0.162
24	1.41		0.993
Std Dev	1.40		1.000
31	1.39		1.271
14	1.21		4.690
14	1.20		4.782