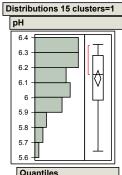
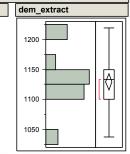
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Stream System	
West Prong Little Pidgeon	
Hazel	
Cataloochee	



Quantiles		
100.0%	maximum	6.3523
99.5%		6.3523
97.5%		6.35018
90.0%		6.3366
75.0%	quartile	6.2815
50.0%	median	6.152
25.0%	quartile	5.98
10.0%		5.86719
2.5%		5.6697
0.5%		5.6415
0.0%	minimum	5.6415

Frequencies		
Level	Count	Prob
Cataloochee	19	0.36538
Hazel	7	0.13462
West Prong Little Pidgeon	26	0.50000
Total	52	1.00000
N Missing 0 3 Levels		

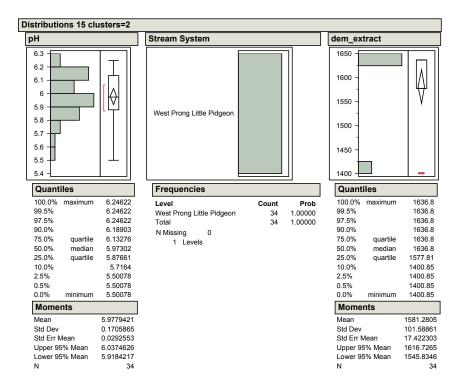
Quant	Quantiles		
100.0%	maximum	1218.9	
99.5%		1218.9	
97.5%		1218.9	
90.0%		1209.67	
75.0%	quartile	1150.02	
50.0%	median	1133.36	
25.0%	quartile	1100.23	
10.0%		1056.09	
2.5%		1037.17	
0.5%		1037.17	
0.0%	minimum	1037.17	

Moments	
Mean	6.126817
Std Dev	0.185355
Std Err Mean	0.0257041
Upper 95% Mean	6.1784201
Lower 95% Mean	6.0752138
N	52

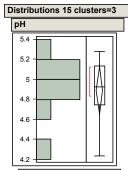
Moments	
Mean	1129.2057
Std Dev	48.556482
Std Err Mean	6.7335725
Upper 95% Mean	1142.7239
Lower 95% Mean	1115.6875
N	52

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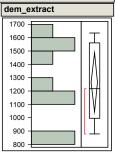
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Stream System		
West Prong Little Pidgeon		
Oconaluftee		
Cosby		
Cataloochee		



100.0% maximum 5.27616 99.5% 5.27616 5.27616 90.0% 5.27616 5.27616 75.0% quartile 5.13051 50.0% median 4.92183 25.0% quartile 4.74713 10.0% 4.23529 2.5% 4.23529 0.5% 4.23529 0.0% minimum 4.23529	Quantiles		
97.5% 5.27616 90.0% 5.27616 75.0% quartile 5.13051 50.0% median 4.92183 25.0% quartile 4.74713 10.0% 4.23529 2.5% 4.23529 0.5% 4.23529	100.0%	maximum	5.27616
90.0% 5.27616 75.0% quartile 5.13051 90.0% median 4.92183 25.0% quartile 4.74713 10.0% 4.23529 2.5% 4.23529 0.5% 4.23529	99.5%		5.27616
75.0% quartile 5.13051 50.0% median 4.92183 25.0% quartile 4.74713 10.0% 4.23529 2.5% 4.23529 0.5% 4.23529	97.5%		5.27616
50.0% median 4.92183 25.0% quartile 4.74713 10.0% 4.23529 2.5% 4.23529 0.5% 4.23529	90.0%		5.27616
25.0% quartile 4.74713 10.0% 4.23529 2.5% 4.23529 0.5% 4.23529	75.0%	quartile	5.13051
10.0% 4.23529 2.5% 4.23529 0.5% 4.23529	50.0%	median	4.92183
2.5% 4.23529 0.5% 4.23529	25.0%	quartile	4.74713
0.5% 4.23529	10.0%		4.23529
	2.5%		4.23529
0.0% minimum 4.23529	0.5%		4.23529
	0.0%	minimum	4.23529

i requericies		
Level	Count	Prob
Cataloochee	1	0.11111
Cosby	1	0.11111
Oconaluftee	2	0.22222
West Prong Little Pidgeon	5	0.55556
Total	9	1.00000
N Missing 0		
4 Levels		

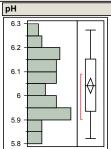
Quantiles		
100.0%	maximum	1636.8
99.5%		1636.8
97.5%		1636.8
90.0%		1636.8
75.0%	quartile	1561.43
50.0%	median	1218.9
25.0%	quartile	993.936
10.0%		876.887
2.5%		876.887
0.5%		876.887
0.0%	minimum	876.887

Moments	
Mean	4.8925649
Std Dev	0.3092879
Std Err Mean	0.103096
Upper 95% Mean	5.1303046
Lower 95% Mean	4.6548251
N	9

Moments	
Mean	1264.1693
Std Dev	289.83952
Std Err Mean	96.613172
Upper 95% Mean	1486.9597
Lower 95% Mean	1041.379
N	9

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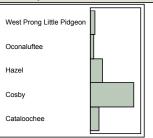
Distributions 15 clusters=4



Quantiles		
100.0%	maximum	6.27247
99.5%		6.27247
97.5%		6.27207
90.0%		6.21774
75.0%	quartile	6.15322
50.0%	median	6.04091
25.0%	quartile	5.93428
10.0%		5.86337
2.5%		5.82732
0.5%		5.82262
0.0%	minimum	5.82262

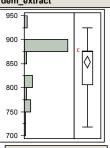
L	Moments	
Ī	Mean	6.0412261
	Std Dev	0.1266035
	Std Err Mean	0.0157032
	Upper 95% Mean	6.0725969
	Lower 95% Mean	6.0098553
	N	65

Stream System



Frequencies		
Level	Count	Prob
Cataloochee	8	0.12308
Cosby	39	0.60000
Hazel	11	0.16923
Oconaluftee	3	0.04615
West Prong Little Pidgeon	4	0.06154
Total	65	1.00000
N Missing 0		
5 Levels		

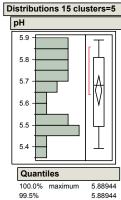
dem_extract

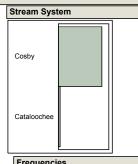


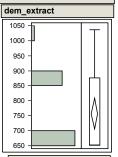
Quantiles		
100.0%	maximum	925.229
99.5%		925.229
97.5%		925.229
90.0%		887.638
75.0%	quartile	876.887
50.0%	median	875.386
25.0%	quartile	806.327
10.0%		773.112
2.5%		738.825
0.5%		718.658
0.0%	minimum	718 658

Moments	
Mean	853.69374
Std Dev	47.871914
Std Err Mean	5.9377801
Upper 95% Mean	865.55582
Lower 95% Mean	841.83166
N	65

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Quant	1162	
100.0%	maximum	5.88944
99.5%		5.88944
97.5%		5.88944
90.0%		5.86631
75.0%	quartile	5.80951
50.0%	median	5.68336
25.0%	quartile	5.4929
10.0%		5.44019
2.5%		5.39355
0.5%		5.39355
0.0%	minimum	5.39355
Mama	nte	

Count	Prob
1	0.04000
24	0.96000
25	1.00000
0	
	Count 1 24 25

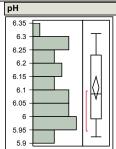
Quant	iles	
100.0%	maximum	1037.17
99.5%		1037.17
97.5%		1037.17
90.0%		875.386
75.0%	quartile	875.386
50.0%	median	651.928
25.0%	quartile	651.928
10.0%		651.928
2.5%		651.928
0.5%		651.928
0.0%	minimum	651.928
Moments		

Moments	
Mean	5.6588929
Std Dev	0.1600413
Std Err Mean	0.032008
Upper 95% Mean	5.724954
Lower 95% Mean	5.592831
N	2

Mean	756.72076
Std Dev	124.70113
Std Err Mean	24.940226
Upper 95% Mean	808.19485
Lower 95% Mean	705.24666
N	25

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Distributions 15 clusters=6



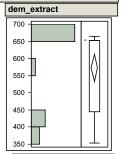
Quant	iles	
100.0%	maximum	6.31052
99.5%		6.31052
97.5%		6.31052
90.0%		6.29459
75.0%	quartile	6.23106
50.0%	median	6.08449
25.0%	quartile	5.99108
10.0%		5.95186
2.5%		5.92286
0.5%		5.92286
0.0%	minimum	5 92286

Moments	
Mean	6.1083843
Std Dev	0.1228116
Std Err Mean	0.0207589
Upper 95% Mean	6.1505715
Lower 95% Mean	6.066197
N	35

West Prong Little Pidgeon Oconaluftee Middle Little Hazel East Little

Cosby

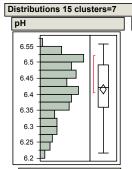
Frequencies		
Level	Count	Prob
Cosby	17	0.48571
East Little	2	0.05714
Hazel	5	0.14286
Middle Little	4	0.11429
Oconaluftee	2	0.05714
West Prong Little Pidgeon	5	0.14286
Total	35	1.00000
N Missing 0 6 Levels		

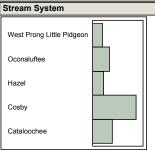


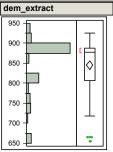
Quantiles		
100.0%	maximum	665.322
99.5%		665.322
97.5%		665.322
90.0%		655.071
75.0%	quartile	651.928
50.0%	median	651.928
25.0%	quartile	444.502
10.0%		352.684
2.5%		352.684
0.5%		352.684
0.0%	minimum	352.684

Moments	
Mean	572.40821
Std Dev	116.31614
Std Err Mean	19.661017
Upper 95% Mean	612.3642
Lower 95% Mean	532.45221
N	35

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Quant	iies	
100.0%	maximum	6.55706
99.5%		6.55706
97.5%		6.54359
90.0%		6.52017
75.0%	quartile	6.49165
50.0%	median	6.42131
25.0%	quartile	6.36008
10.0%		6.28074
2.5%		6.23263
0.5%		6.21661
0.0%	minimum	6.21661
Momo	nto	

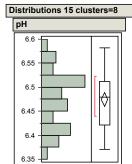
Frequencies		
Level	Count	Prob
Cataloochee	27	0.19424
Cosby	60	0.43165
Hazel	15	0.10791
Oconaluftee	23	0.16547
West Prong Little Pidgeon	14	0.10072
Total	139	1.00000
N Missing 0 5 Levels		

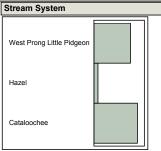
Quantiles		
100.0%	maximum	925.229
99.5%		925.229
97.5%		925.229
90.0%		916.805
75.0%	quartile	887.638
50.0%	median	876.887
25.0%	quartile	806.327
10.0%		749.786
2.5%		660.197
0.5%		654.744
0.0%	minimum	654.744
Moments		

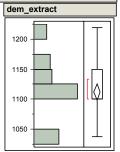
Moments	
Mean	6.4147537
Std Dev	0.0864111
Std Err Mean	0.0073293
Upper 95% Mean	6.4292459
Lower 95% Mean	6.4002615
N	139

woments	
Mean	845.02323
Std Dev	67.990604
Std Err Mean	5.7668878
Upper 95% Mean	856.42611
Lower 95% Mean	833.62034
N	130

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Quant	Quantiles			
100.0%	maximum	6.58167		
99.5%		6.58167		
97.5%		6.57812		
90.0%		6.55042		
75.0%	quartile	6.51178		
50.0%	median	6.47871		
25.0%	quartile	6.42111		
10.0%		6.39045		
2.5%		6.37165		
0.5%		6.3704		
0.0%	minimum	6.3704		

Frequencies		
Level	Count	Prob
Cataloochee	33	0.51563
Hazel	3	0.04688
West Prong Little Pidgeon	28	0.43750
Total	64	1.00000
N Missing 0		
3 Levels		

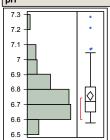
Quantiles		
100.0%	maximum	1218.9
99.5%		1218.9
97.5%		1218.9
90.0%		1209.67
75.0%	quartile	1150.02
50.0%	median	1100.37
25.0%	quartile	1100.23
10.0%		1037.17
2.5%		1037.17
0.5%		1037.17
0.0%	minimum	1037.17

Moments	
Mean	6.4740275
Std Dev	0.057083
Std Err Mean	0.0071354
Upper 95% Mean	6.4882864
Lower 95% Mean	6.4597686
N	64

Moments	
Mean	1111.9735
Std Dev	53.103485
Std Err Mean	6.6379356
Upper 95% Mean	1125.2383
Lower 95% Mean	1098.7086
N	64

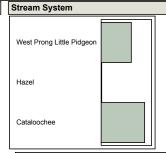
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Distributions 15 clusters=9 pH

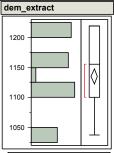


6.5		
Quant	iles	
100.0%	maximum	7.28408
99.5%		7.28408
97.5%		7.14502
90.0%		6.96833
75.0%	quartile	6.81684
50.0%	median	6.72127
25.0%	quartile	6.65058
10.0%		6.60601
2.5%		6.57902
0.5%		6.57759
0.0%	minimum	6.57759

0.070		0.51155
0.0%	minimum	6.57759
Mome	ents	
Mean		6.757623
Std Dev	,	0.1427518
Std Err	Mean	0.0144201
Upper 9	5% Mean	6.7862429
Lower 9	5% Mean	6.7290031
N		98



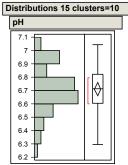
Frequencies		
Level	Count	Prob
Cataloochee	57	0.58163
Hazel	1	0.01020
West Prong Little Pidgeon	40	0.40816
Total	98	1.00000
N Missing 0 3 Levels		

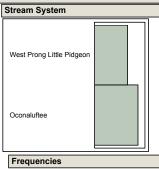


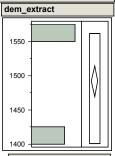
Quantiles			
100.0%	maximum	1218.9	
99.5%		1218.9	
97.5%		1218.9	
90.0%		1218.9	
75.0%	quartile	1218.9	
50.0%	median	1155.58	
25.0%	quartile	1100.23	
10.0%		1037.17	
2.5%		1037.17	
0.5%		1037.17	
0.0%	minimum	1037.17	

Moments	
Mean	1135.268
Std Dev	63.259224
Std Err Mean	6.3901466
Upper 95% Mean	1147.9506
Lower 95% Mean	1122.5853
N	98

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Quantiles		
100.0%	maximum	7.04561
99.5%		7.04561
97.5%		7.04235
90.0%		6.94713
75.0%	quartile	6.82333
50.0%	median	6.71501
25.0%	quartile	6.60475
10.0%		6.44418
2.5%		6.30814
0.5%		6.29717
0.0%	minimum	6.29717
Moments		

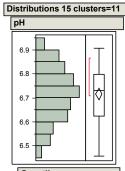
Mean Std Dev Std Err Mean Upper 95% Mean Lower 95% Mean N 6.7108083 0.1793571 0.0246366 6.7602453 6.6613714 53

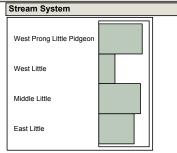
rrequencies		
Level	Count	Prob
Oconaluftee	30	0.56604
West Prong Little Pidgeon	23	0.43396
Total	53	1.00000
N Missing 0		
2 Levels		

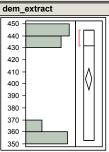
Quantiles			
100.0%	maximum	1561.43	
99.5%		1561.43	
97.5%		1561.43	
90.0%		1561.43	
75.0%	quartile	1561.43	
50.0%	median	1561.43	
25.0%	quartile	1400.85	
10.0%		1400.85	
2.5%		1400.85	
0.5%		1400.85	
0.0%	minimum	1400.85	

Moments	
Mean	1491.7434
Std Dev	80.345291
Std Err Mean	11.036274
Upper 95% Mean	1513.8893
Lower 95% Mean	1469.5975
N	53

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Quant	iles	
100.0%	maximum	6.90697
99.5%		6.90697
97.5%		6.90273
90.0%		6.85956
75.0%	quartile	6.79713
50.0%	median	6.73048
25.0%	quartile	6.62314
10.0%		6.57354
2.5%		6.47253
0.5%		6.45746
0.0%	minimum	6.45746

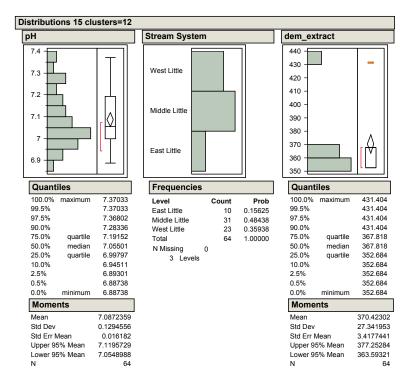
Count	Prob
22	0.25882
26	0.30588
10	0.11765
27	0.31765
85	1.00000
	22 26 10 27

Quantiles		
100.0%	maximum	444.502
99.5%		444.502
97.5%		444.502
90.0%		444.502
75.0%	quartile	444.502
50.0%	median	431.404
25.0%	quartile	352.684
10.0%		352.684
2.5%		352.684
0.5%		352.684
0.0%	minimum	352.684
Momonte		

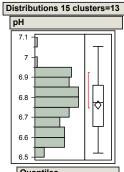
Mor	nents	
Mean	1	6.7161414
Std D)ev	0.1093338
Std E	rr Mean	0.0118589
Uppe	r 95% Mean	6.7397241
Lowe	r 95% Mean	6.6925586
N		85

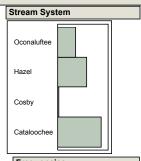
Wichitelits	
Mean	404.00497
Std Dev	41.168951
Std Err Mean	4.4653997
Upper 95% Mean	412.88491
Lower 95% Mean	395.12504
N	85

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dem_	extract	
800 -		\Box
750 -		
700 -		
650 -		lΥ∥
600 -		
_		

Quant	iles	
100.0%	maximum	7.05364
99.5%		7.05364
97.5%		6.94798
90.0%		6.91902
75.0%	quartile	6.85978
50.0%	median	6.77214
25.0%	quartile	6.65301
10.0%		6.58925
2.5%		6.52656
0.5%		6.52105
0.0%	minimum	6.52105
Mome	nts	

Frequencies		
Level	Count	Prob
Cataloochee	60	0.47244
Cosby	2	0.01575
Hazel	40	0.31496
Oconaluftee	25	0.19685
Total	127	1.00000
N Missing	0	
4 Levels		
N Missing		1.0000

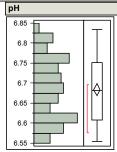
Quantiles		
100.0%	maximum	806.327
99.5%		806.327
97.5%		785.434
90.0%		785.434
75.0%	quartile	773.112
50.0%	median	749.786
25.0%	quartile	665.322
10.0%		654.744
2.5%		579.965
0.5%		579.965
0.0%	minimum	579.965
Moments		

woments	
Mean	6.7605019
Std Dev	0.1207252
Std Err Mean	0.0107126
Upper 95% Mean	6.7817019
Lower 95% Mean	6.739302
N	127

Mean	719.8573
Std Dev	61.571515
Std Err Mean	5.4635885
Upper 95% Mean	730.66958
Lower 95% Mean	709.04502
N	127

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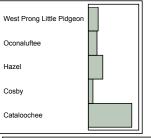
Distributions 15 clusters=14



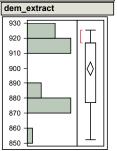
Quant		
100.0%	maximum	6.83408
99.5%		6.83408
97.5%		6.82503
90.0%		6.78766
75.0%	quartile	6.75111
50.0%	median	6.68165
25.0%	quartile	6.60753
10.0%		6.58197
2.5%		6.55639
0.5%		6.55385
0.0%	minimum	6.55385

Moments	
Mean	6.6839404
Std Dev	0.0784344
Std Err Mean	0.0076544
Upper 95% Mean	6.6991194
Lower 95% Mean	6.6687614
N	105

Stream System



Frequencies		
Level	Count	Prob
Cataloochee	56	0.53333
Cosby	6	0.05714
Hazel	19	0.18095
Oconaluftee	11	0.10476
West Prong Little Pidgeon	13	0.12381
Total	105	1.00000
N Missing 0		
5 Levels		

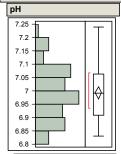


Quantiles		
100.0%	maximum	925.229
99.5%		925.229
97.5%		925.229
90.0%		925.229
75.0%	quartile	916.805
50.0%	median	916.805
25.0%	quartile	876.887
10.0%		875.386
2.5%		852.404
0.5%		852.404
0.0%	minimum	852 404

Moments	
Mean	899.60346
Std Dev	22.920026
Std Err Mean	2.2367655
Upper 95% Mean	904.03905
Lower 95% Mean	895.16787
N	105

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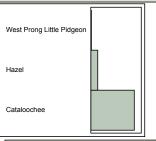
Distributions 15 clusters=15



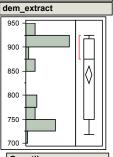
Quantiles		
100.0%	maximum	7.23942
99.5%		7.23942
97.5%		7.20215
90.0%		7.11538
75.0%	quartile	7.06265
50.0%	median	6.99182
25.0%	quartile	6.90864
10.0%		6.86191
2.5%		6.83883
0.5%		6.82947
0.0%	minimum	6.82947

Moments	
Mean	6.9926678
Std Dev	0.0962947
Std Err Mean	0.0111192
Upper 95% Mean	7.0148232
Lower 95% Mean	6.9705124
N	75

Stream System



Frequencies		
Level	Count	Prob
Cataloochee	64	0.85333
Hazel	10	0.13333
West Prong Little Pidgeon	1	0.01333
Total	75	1.00000
N Missing 0		
3 Levels		



Quantiles		
100.0%	maximum	925.229
99.5%		925.229
97.5%		925.229
90.0%		916.805
75.0%	quartile	916.805
50.0%	median	874.982
25.0%	quartile	749.786
10.0%		749.786
2.5%		746.582
0.5%		718.658
0.0%	minimum	718.658

Moments	
Mean	842.2681
Std Dev	77.683797
Std Err Mean	8.9701523
Upper 95% Mean	860.14152
Lower 95% Mean	824.39468
N	75