

Slope HUC17

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Monthly Air Temp.____Climate		1.51	1.35	0	6.69	26.18	2.83	0.09	0.3	0.06	0	2.04	1.45	Climate
Precipitation Seasonality____Climate		0.12	0.04	0	0	0.33	0	0	0	0	0.32	0	0.4	
Relative Humidity____Climate		0.02	0	0	0	0	0	0.02	0	0	0.63	0.31	0.15	
Montly Precipitation____Climate		0	0	0	0.67	0	0	0.67	0	0	0.21	0.14	0.89	
Annual Precipitation____Climate		0	0	0.57	4.72	0.02	0.13	0	0.62	1.9	0	0.12	0	
Dam Storage____Human		16.35	16.29	18.85	16.17	32.57	63.75	74.78	76.6	79.52	6.99	16.21	7.45	Human
Impervious LC____Human		5.41	2.31	33.73	19.88	3.54	2.32	0.92	10.75	4.34	6.53	0.76	2.83	
Agricultural LC____Human		10.03	1.24	22.35	23.87	6.64	2.24	0	1.35	2.46	5.89	0.12	1.5	
Snow Percentage____Hydrology		27.25	10.29	0.58	7.44	17.99	14.09	3.53	1.97	1.62	2.81	23.81	9.34	Hydrology
Soil Water Capacity____Hydrology		3.62	33.48	0.72	0.09	2.38	1.6	9.39	0.49	0.54	8.5	15.14	11.77	
Wetland LC____Hydrology		0.04	0.1	2.75	0.55	0.15	0.16	0	0.33	1.8	5.64	0	0	
Median Monthly Discharge____Hydrology		0	0	0	0.21	0.04	1.49	0	1.04	2.83	0.19	0	0	
Drainage Area____Hydrology		0.03	0	0	0.01	0	0.16	0	0	0.11	0	0	0	
Baseflow Index____Hydrology		7.28	2.77	0.07	0.35	2.98	4.44	6	0	2.39	8.18	22	10.77	
Water Table Depth____Hydrology		4.21	6.51	13.33	2.19	0.68	2.55	2.34	4.08	0.65	46.3	1.48	5.52	
Watershed Elevation____Watershed		19.11	23.14	0.4	0.92	2.26	3.05	1.64	0.29	0.16	6.13	15.11	46.34	Watershed
Forest LC____Watershed		1.36	0.72	5.01	3.89	0.25	0	0.03	0	0	0.66	0.05	0.45	
Aspect (Eastness)____Watershed		0	0	0	0	0	0	0.21	0	0.21	0.12	0	0	
Watershed Slope____Watershed		2.82	1.19	0.58	11.28	2.97	0.3	0.39	1.1	0.88	0	0.59	1.04	
Bedrock Depth____Watershed		0.33	0.39	0	0	0.61	0.25	0	0.24	0	0.23	0.03	0	
Subsurface Permeability____Watershed		0.32	0.17	0.11	0.22	0.33	0.63	0	0.04	0.53	0.67	2.09	0	
Aspect (Northness)____Watershed		0	0	0	0	0	0	0	0	0	0	0	0	
Riparian Forest LC____Watershed		0.19	0	0.96	0.84	0.09	0	0	0.81	0	0	0	0.09	

% Importance

0

a 20

a 40

a 60

a 80

Spearman  
Correlation

1.0

0.5

0.0

-0.5

-1.0