

Slope HUC03

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Monthly Air Temp.___Climate	0	0	0.14	0.34	0.24	0	0	12.31	0.44	0	0	0	Climate
Precipitation Seasonality__Climate	0.94	0	1.04	3.21	0	0	0	0	0	1.2	3.46	0.89	
Relative Humidity__Climate	0	0	0.14	0.01	0	0	0	0	0	0.15	0	0.58	
Montly Precipitation__Climate	0	0	0.98	0	0	0	0	0	0	0	0.17	0	
Annual Precipitation__Climate	0.08	0.29	0.26	0	0	11.07	0	17.04	0	0	0.09	0	
Dam Storage__Human	10.85	24.7	14	22.01	13.08	13.65	6.99	0	17.19	7.47	15.21	2.55	Human
Impervious LC__Human	2.85	15.06	2.23	0.16	0.97	0.42	0	1.58	0.23	2.8	1.76	4.46	
Agricultural LC__Human	0.56	2.82	0.56	0.77	0.96	28.79	0	0	19.19	3.99	0.78	3.79	
Snow Percentage__Hydrology	0	0.11	0	0.23	0	0	0	1.08	0.14	0	0.17	0	Hydrology
Soil Water Capacity__Hydrology	0	0	0	0	0.39	0	0	0.27	0	0	0	0	
Wetland LC__Hydrology	0	0	0	0.01	0	11.46	0	27.74	39.64	1.91	0	0	
Median Monthly Discharge__Hydrology	62.98	27.37	62.01	41.07	42.94	10.62	11.93	0	2.57	36.78	49.09	53.78	
Drainage Area__Hydrology	21.25	18.74	16.96	30.21	15.39	9.99	1.95	1.12	5.17	40.65	24.23	32.29	
Baseflow Index__Hydrology	0.11	0	0	0	1.3	0	40.94	6.39	1.5	0.02	0	0.17	
Water Table Depth__Hydrology	0	2.71	0.41	0.01	0.04	0	0.97	13.55	5.26	0.17	0	0	
Watershed Elevation__Watershed	0	0.15	0.05	0	0.75	2.29	11.83	8.66	5.25	0.07	0.13	0.03	Watershed
Forest LC__Watershed	0.08	2.97	0.17	0	0	0	0	2.19	0	0	0.07	0	
Aspect (Eastness)__Watershed	0.17	0	0	0	0.1	1.48	0	7.65	2.07	0.08	0	0	
Watershed Slope__Watershed	0	0	0.06	0.01	0.06	0.95	0	0	0.17	0.19	0.05	0	
Bedrock Depth__Watershed	0.04	1.64	0.68	1.43	17	8.82	24.78	0.06	0.73	2.68	3.47	0.86	
Subsurface Permeability__Watershed	0.07	0.11	0.01	0.55	6.21	0.46	0.61	0.35	0.46	1.86	1.3	0.55	
Aspect (Northness)__Watershed	0	3.05	0.26	0	0.58	0	0	0	0	0	0	0	
Riparian Forest LC__Watershed	0	0.29	0.03	0	0	0	0	0	0	0	0.02	0.04	

% Importance

0

a 20

a 40

a 60

a 80

Spearman
Correlation

1.0

0.5

0.0

-0.5

-1.0