

Slope All

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Monthly Air Temp___Climate		48.55	45.75	36.73	3.26	5.27	3.11	1.63	2.12	2.15	0.77	23.37	42.16	Climate
Precipitation Seasonality___Climate		0.25	0.55	3.3	1.82	0.61	1.64	3.61	1.58	2.14	17.15	6.3	1.93	
Relative Humidity___Climate		0.52	0.19	0.3	0.1	1.58	1.13	3	1.59	0.85	1.15	2.06	0.61	
Montly Precipitation___Climate		0.68	0.44	0.52	1.98	0.4	0.97	0.55	2.54	0.86	0.57	0.38	0.56	
Annual Precipitation___Climate		0.26	0.33	1.41	0.74	0.28	1.46	0.65	1.25	1.47	0.5	0.97	0.13	
Dam Storage___Human		18.56	31.81	39.25	54.33	66.24	69.5	73.04	76.29	81.22	56.3	43.34	24.74	Human
Impervious LC___Human		8.98	6.22	4.96	4.73	1.18	1.5	3.42	3.69	1.18	3.16	5.44	12.42	
Agricultural LC___Human		1.39	1.25	1.71	4.01	2.86	5.32	1.03	0.72	0.17	2.03	2.12	1.54	
Snow Percentage___Hydrology		12.16	8.05	4.32	6.77	3.46	5.26	2.27	0.79	1.31	6.52	5.13	7.72	Hydrology
Baseflow Index___Hydrology		0.32	0.45	0.22	1.71	1.31	2.16	2.86	1.88	1.21	1.56	3.6	1.09	
Water Table Depth___Hydrology		0.67	0.26	0.29	3.79	1.6	1.39	0.82	1.41	2.05	2.81	0.78	0.63	
Median Monthly Discharge___Hydrology		1.54	0.28	1.21	2.21	0.06	1.01	0.31	1.13	1.09	1.19	0.78	2.23	
Wetland LC___Hydrology		0.9	0.5	2.03	0.28	0.8	0.97	0.19	0.4	0.89	0.56	0.84	0.42	
Soil Water Capacity___Hydrology		0.68	0.48	0.43	1.8	1.63	0	0.45	0	0	0	0.92	0.55	
Drainage Area___Hydrology		0	0.15	0.32	0.3	0.06	0.91	0.63	0.5	0.2	0	0.42	0.37	
Watershed Slope___Watershed		0	0.12	0.59	7.32	7.79	0.78	0.77	0.84	0.41	1.88	0.31	0.21	Watershed
Watershed Elevation___Watershed		0.18	0.41	0.32	2.89	1.18	0.95	1.02	1.64	1.12	2.04	0.84	0.12	
Forest LC___Watershed		2.05	1.08	1	1.33	0.09	0.03	0.08	0	0.39	0.23	0.46	1.69	
Bedrock Depth___Watershed		0.32	0.39	0.15	0	2.73	0.3	2.54	0.52	0	0.27	0.18	0.29	
Aspect (Eastness)___Watershed		0.81	0.39	0.61	0.17	0	0.6	0	0.97	0.76	0.66	1.31	0.24	
Subsurface Permeability___Watershed		1.02	0.66	0.01	0.24	0.72	0.72	0.91	0.14	0.52	0.25	0.17	0.32	
Riparian Forest LC___Watershed		0	0.07	0.26	0.16	0.03	0.27	0.23	0	0	0.32	0.25	0.01	
Aspect (Northness)___Watershed		0.16	0.18	0.03	0.07	0.1	0	0	0	0	0.06	0.01	0	

% Importance

0

a 20

a 40

a 60

a 80

Spearman
Correlation

1.0

0.5

0.0

-0.5

-1.0