

Max Dam

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Monthly Air Temp___Climate		79.22	72.62	72.51	61.31	55.69	54.78	42.09	37.16	36.37	36.36	77.16	79.43	Climate
Precipitation Seasonality___Climate		0.53	0.63	0.34	0.67	0.24	0.06	0.23	0.04	1.09	8.32	0.72	0.28	
Montly Precipitation___Climate		0.65	0.26	0.53	3.87	1.13	0.24	0.24	0.43	0.23	0.41	0.2	0.56	
Annual Precipitation___Climate		0.8	0.33	0.7	1.74	0.41	0.12	0.66	0.54	0.9	0.21	0.4	0.52	
Relative Humidity___Climate		0.22	0.11	0.79	1.03	0.31	0.21	0.68	0.9	1.16	0.11	0.18	0.42	
Dam Storage___Human		0.51	0.73	1.06	3.16	11.48	15.17	22.17	16.6	7.88	0.82	0.07	0.09	Human
Agricultural LC___Human		0.06	0.09	0.05	0.77	2.13	2.83	2.08	1.9	2.24	0.61	0.04	0.02	
Impervious LC___Human		1.15	1.46	3.18	4.01	1.27	0.69	1.12	1.31	1.81	0.68	0.46	0.82	
Snow Percentage___Hydrology		10.96	18.74	14.07	17.6	14.37	8.72	9.4	15.12	19.75	29.49	11.53	12.4	Hydrology
Baseflow Index___Hydrology		0.19	0.21	0.43	0.77	2.63	6.19	7.54	9.66	13.11	12.87	1.95	0.12	
Drainage Area___Hydrology		0.05	0.11	0.13	0.1	1.14	1.15	1.88	1.59	0.7	0.3	0.01	0.08	
Wetland LC___Hydrology		1.27	0.74	1.38	0.51	0.57	1.58	2.79	2.41	1.79	0.69	1.91	1.26	
Soil Water Capacity___Hydrology		0.15	0.23	0.14	0.15	0	0	0	0.08	0.06	0.15	0.26	0.21	
Water Table Depth___Hydrology		0.36	0.16	0.62	0.07	0.28	0.19	0.47	0.89	0.96	0.42	0.11	0.31	
Median Monthly Discharge___Hydrology		0.07	0.03	0.01	0	0.07	0.07	0	0.13	0.76	0.1	0.01	0.09	
Watershed Slope___Watershed		0.6	0.81	0.44	0.36	3.83	1.98	2.5	2.96	3.08	3.08	0.38	1.08	Watershed
Riparian Forest LC___Watershed		0.2	0.26	0.61	0.35	0.73	1.92	2.92	4.41	5.58	1.52	0.06	0.2	
Watershed Elevation___Watershed		0.95	0.44	0.38	0.35	0.78	1.19	0.78	1.05	0.47	1.6	0.79	0.59	
Bedrock Depth___Watershed		0.57	0.89	1.24	0.61	0.06	0.16	0.02	0.01	0.05	0.77	3.4	0.84	
Forest LC___Watershed		0.3	0.57	0.99	2.14	2.46	2.34	1.69	2.27	1.44	0.11	0.06	0.35	
Aspect (Eastness)___Watershed		0.08	0.2	0.17	0.23	0.23	0.13	0.12	0.29	0.58	1.03	0.06	0.04	
Subsurface Permeability___Watershed		0.13	0.1	0.16	0	0	0.26	0.46	0.26	0	0.22	0.18	0	
Aspect (Northness)___Watershed		1	0.3	0.08	0.2	0.19	0.02	0.13	0	0	0.12	0.06	0.29	

% Importance

0

a 20

a 40

a 60

a 80

Spearman
Correlation

1.0

0.5

0.0

-0.5

-1.0