

Max HUC17

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Monthly Air Temp___Climate	33.74	24.79	15.8	16.72	50.21	55.81	33.52	29.33	15.21	32.67	34.84	42.52	Climate
Montly Precipitation___Climate	1.82	3.8	2.25	4.44	1.3	0.56	1.4	2.25	2.01	3.93	4.49	1.73	
Relative Humidity___Climate	0.08	0.02	0.49	0.17	0	0	0	0	0	0.34	0.38	0.32	
Precipitation Seasonality___Climate	1.3	1.01	0.53	0.32	0.18	0	0	0	0.36	0.13	0.55	0.74	
Annual Precipitation___Climate	1.12	1.47	7	7.17	0.99	0.85	2.15	2.73	5.29	2.82	1.99	0.6	
Dam Storage___Human	0	0.03	0.06	0.05	0.13	1.1	7.79	6.04	0	1.32	0.05	0.04	Human
Impervious LC___Human	0.06	0.14	1	1.07	2.05	1.36	1.01	0.58	0	0.08	0	0.11	
Agricultural LC___Human	0.25	0.39	2.64	4.09	4.17	9.31	17.55	11.22	9.98	1.53	0.45	0.07	
Snow Percentage___Hydrology	45.81	47.35	22.33	21.2	21.3	23.03	26.56	31.58	42.38	34.46	38.44	31.5	Hydrology
Wetland LC___Hydrology	0	0	0.2	0.37	0.61	0.27	0.24	0.83	0.98	0.17	0.06	0	
Soil Water Capacity___Hydrology	2.69	2.18	0.07	0.07	0.07	0.06	0.06	0.11	0	0.73	3.57	2.25	
Water Table Depth___Hydrology	0	0	0.03	0.15	0.2	0.53	0.02	0.04	0.01	0	0.01	0.01	
Median Monthly Discharge___Hydrology	0.11	0.19	0	0.04	0	0.32	0.7	0	0	1.15	0.05	0.34	
Baseflow Index___Hydrology	0.37	0.15	0.18	0.17	0.12	0.07	2.65	4.79	2.59	0.49	0.28	0	
Drainage Area___Hydrology	0.62	0.18	0.34	0.22	0.15	1.79	1.13	0.45	1.03	0.97	0.04	0.23	
Watershed Elevation___Watershed	5.08	3.58	0.57	0.8	1.58	1.11	0.78	0.85	0.78	2.98	5.27	7.74	Watershed
Forest LC___Watershed	0.9	3.52	4.53	5.87	2.93	0.27	0	0	0.1	0.18	1.25	2.76	
Watershed Slope___Watershed	3.93	6.68	16.69	14.23	9.61	0.92	0	0	0.07	0	0.07	3.01	
Riparian Forest LC___Watershed	2.05	4.21	25.09	22.46	4.3	1.83	0.94	0.25	0.95	8.32	5.75	5.97	
Aspect (Eastness)___Watershed	0	0.03	0.09	0.1	0	0	0	0	0.11	0	0.36	0	
Bedrock Depth___Watershed	0.04	0.04	0	0	0	0	0	0	0	0.16	0.06	0.02	
Subsurface Permeability___Watershed	0.01	0.24	0.12	0.29	0.02	0.82	3.51	8.96	17.49	6.75	1.85	0.02	
Aspect (Northness)___Watershed	0	0.02	0	0	0.07	0	0	0	0.67	0.78	0.19	0	

% Importance

0

a 20

a 40

a 60

a 80

Spearman  
Correlation

1.0

0.5

0.0

-0.5

-1.0