

Factors	Flow	Quality	Timing
METEOROLOGY			
Precipitation			
Rain			
Amount	1	1	1
Duration	1	1	1
Frequency	1	1	1
Intensity	1	1	1
Snowfall / Snowmelt	1	1	1
Air Temperature			
Annually, Monthly, Daily, Hourly			
Maximum	1	1	1
Minimum	3	3	3
Evaporation			
	Info sources?		
Wind (spring break-up)	1	2	1
SURFACE WATER			
Quantity			
Streams			
Flood events	1	1	1
Impoundments			
Natural	1	2	1
Constructed	1	2	3
DRAINAGE BASIN CHARACTERISTICS			
Watershed Morphometry			
Channel Geometry (cross section)	1	2	2
Topography (slope, aspect, drainage density)	2	2	1
Wetlands / Riparian Areas			
	1	2	1

Soils			
Hydrologic Soil Group / Infiltration	1	2	1
Geology			
	1	2	1
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Forest Age Class			
	1	2	1
Riparian Buffers			
	2	1	1
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Human Influence			
Mining	--limited/no info--		
Road Ditches	1	1	1
Agriculture Livestock Grazing			
Livestock Grazing	2	1	3
Nutrient Management	3	1	3
Cropland (tillage, pasture, cropping sequence, & surface drainage, etc.)	2	1	1
Groundwater Extraction	--limited/no info--	---	---
Urban / Residential	3	1	2

Ratings: Relative Importance Scale

RATING	RELATIVE INFLUENCE ON FLOW, QUALITY, OR TIMING
1	High
2	Moderate
3	Slight / none