
Vital Signs Summary Table - Whitman Mission National Historic Site (2009)

UCBN Vital Sign	Measures	Management Unit	Current Condition	Data Sources
Surface Water Dynamics				
	Mean mo base flow (Aug) discha	Mill Creek	0.133 cfs (2007)	1
	Mean mo peak flow (Mar) discha	Mill Creek	150.2 (2007)	1
Water Chemistry				
	Temp (7-day mean daily max)	Mill Creek	24.01 °C	2
	Specific Conduct (mean)	Mill Creek	271 µS/cm	2
	D.O. (7-day mean daily min)	Mill Creek	5.31 mg/L	2
	pH (7-day mean daily max)	Mill Creek	9.03 pH Units	2
	pH (7-day mean daily min)	Mill Creek	7.48 pH Units	2
	Turbidity (7-day mean daily max)	Mill Creek	24.02 NTU	2
Aquatic Macroinvertebrates				
	Species richness	Mill Creek	46.00	2
	% dominant family	Mill Creek	13.33	2
	% EPT	Mill Creek	20.20	2
	Hilsenhoff Biotic Index [HBI]	Mill Creek	5.76	2
	% predators	Mill Creek	10.00	2
	% shredders	Mill Creek	12.55	2
	% scrapers	Mill Creek	3.53	2
	% gatherers	Mill Creek	44.51	2

1 USGS National Water Information System (<http://waterdata.usgs.gov/nwis/uv?14046778>)

2 UCBN Water Quality Monitoring Annual Report 2008 (Starkey et al. 2009, <http://science.nature.nps.gov/im/units/ucbn/reports/index.cfm>)