

Vital Signs Summary Table - Nez Perce National Historical Park (2009)

UCBN Vital Sign	Measures	Management Unit	Current Condition	Data Sources
Surface Water Dynamics				
	Mean mo base flow (Aug) discharge	Lapwai Creek	0.133 cfs (2007)	1
	Mean mo peak flow (Mar) discharge	Lapwai Creek	150.2 (2007)	1
Water Chemistry				
	Temp (7-day mean daily max)	Lapwai Creek	24.01 °C	2
	Specific Conduct (mean)	Lapwai Creek	271 µS/cm	2
	D.O. (7-day mean daily min)	Lapwai Creek	5.31 mg/L	2
	pH (7-day mean daily max)	Lapwai Creek	9.03 pH Units	2
	pH (7-day mean daily min)	Lapwai Creek	7.48 pH Units	2
	Turbidity (7-day mean daily max)	Lapwai Creek	24.02 NTU	2
Aquatic Macroinvertebrates				
	Species richness	Lapwai Creek	57.00	2,3
	% dominant family	Lapwai Creek	12.13	2
	% EPT	Lapwai Creek	12.52	2
	Hilsenhoff Biotic Index [HBI]	Lapwai Creek	5.97	2
	% predators	Lapwai Creek	8.41	2
	% shredders	Lapwai Creek	13.70	2
	% scrapers	Lapwai Creek	8.61	2
	% gatherers	Lapwai Creek	38.16	2
Camas Lily				
	Est stem density (est plants/m ²)	Weippe Prairie A	75.71	4
		Weippe Prairie B	16.38	4
		Weippe Prairie C	27.66	4
		Weippe Prairie D	44.22	4
		Weippe Prairie E	5.03	4
	Flowering stem density (flowering stems/m ²)	Weippe Prairie A	12.90	4
		Weippe Prairie B	3.12	4
		Weippe Prairie C	5.59	4
		Weippe Prairie D	5.66	4
		Weippe Prairie E	0.50	4
	Flowering ratio (flowering stems:est plants)	Weippe Prairie A	0.17	4
		Weippe Prairie B	0.19	4
		Weippe Prairie C	0.20	4
		Weippe Prairie D	0.13	4
		Weippe Prairie E	0.10	4

Vital Signs Summary Table - Nez Perce National Historical Park (2009) CONTINUED

UCBN Vital Sign	Measures	Management Unit	Current Condition	Data Sources
Invasive/Exotic Plants				
	Orange hawkweed invasion (% frequency)	Weippe Prairie A	0.02	4
		Weippe Prairie B	0.01	4
		Weippe Prairie C	0.04	4
		Weippe Prairie D	0.04	4
		Weippe Prairie E	0.04	4
	Sulphur cinquefoil invasion (% frequency)	Weippe Prairie A	0.02	4
		Weippe Prairie B	0.14	4
		Weippe Prairie C	0.14	4
		Weippe Prairie D	0.00	4
		Weippe Prairie E	0.15	4

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>)

3 UCBN Natural Resource Condition Assessment (Bell et al. 2009, <http://science.nature.nps.gov/im/units/ucbn/otherprojects/nrca/index.cfm>)

4 UCBN Camas Lily Annual Monitoring Report (Rodhouse and Jocius 2009; <http://science.nature.nps.gov/im/units/ucbn/reports/index.cfm>)