



**Mineral Springs
Foundation**

Manitou Springs' Mineral Content



Mineral		7 Minute	Shoshone	Wheeler	Navajo	Cheyenne	Stratton	Twin	Iron Geyser
Alkalinity (bicarbonate)	HCO ₃	1,310 mg/L	2,561 mg/L	2,439 mg/L	2,317 mg/L	2,439 mg/L	1,951 mg/L	1,585 mg/L	1,463 mg/L
Calcium	Ca	303 mg/L	470 mg/L	440 mg/L	420 mg/L	440 mg/L	370 mg/L	310 mg/L	170 mg/L
Chloride	Cl	96.4 mg/L	270 mg/L	240 mg/L	230 mg/L	240 mg/L	180 mg/L	86 mg/L	190 mg/L
Copper	Cu	-	0.12 mg/L	0.17 mg/L	0.07 mg/L	0.08 mg/L	0.05 mg/L	-	-
Fluoride	F	0.64 mg/L	3.90 mg/L	3.30 mg/L	3.10 mg/L	3.50 mg/L	3.20 mg/L	2.10 mg/L	5.10 mg/L
Iron	Fe	0.54 mg/L	-	0.11 mg/L	-	-	-	-	14 mg/L
Lithium	Li	.277 mg/L	.866 mg/L	.726 mg/L	.705 mg/L	.743 mg/L	.568 mg/L	.233 mg/L	.787 mg/L
Magnesium	Mg	82.6 mg/L	73 mg/L	66 mg/L	82 mg/L	90 mg/L	68 mg/L	90 mg/L	26 mg/L
Manganese	Mn	-	3.00 mg/L	1.60 mg/L	0.78 mg/L	1.50 mg/L	0.42 mg/L	0.0023 mg/L	0.75 mg/L
Potassium	K	19.5 mg/L	72 mg/L	55 mg/L	70 mg/L	79 mg/L	50 mg/L	21 mg/L	74 mg/L
Silica	SIO	22 mg/L	45 mg/L	41 mg/L	41 mg/L	40 mg/L	34 mg/L	17 mg/L	75 mg/L
Sodium	Na	159 mg/L	510 mg/L	460 mg/L	430 mg/L	460 mg/L	360 mg/L	160 mg/L	500 mg/L
Sulfate	S04	96.7 mg/L	220 mg/L	200 mg/L	190 mg/L	190 mg/L	160 mg/L	76 mg/L	210 mg/L
Zinc	Zn	.34 mg/L	.105 mg/L	.097 mg/L	.094 mg/L	.102 mg/L	.072 mg/L	.086 mg/L	.051 mg/L
Total Dissolved Solids	TDS	1,560 mg/L	2,980 mg/L	2,790 mg/L	2,690 mg/L	2,760 mg/L	2,280 mg/L	1,580 mg/L	2,100 mg/L

mg/L – milligrams per liter

 Indicates highest amount of content

 Indicates lowest amount of content

HCO₃, Ca, Cl, F, Fe, Li, Mg, Mn, K, SIO, Na, S04 Analysis: Hall Environmental Analysis Laboratory, Inc., Albuquerque, NM 2009 / 2010.

Cu Analysis: ACZ Laboratories, Inc., Steamboat Springs, CO 2008.

Zn Analysis: Colorado Springs Utilities Laboratory Services Section 2007

For more information: www.manitoumineralsprings.org