

**RANKING OF RELATIVE RESERVOIR STORAGE FOR COLORADO COMMUNITIES
December 2017**

Ranking is used to compare the level of security provided by water storage in the benchmarked communities. In order to take community size into account, a relative value was calculated using a simple ratio for the amount of reservoir storage available to the expected peak day water demand. Table 1, below, ranks the benchmarked communities by this ratio, from most secure to least.

Table 1: Ranking of Colorado Communities Current Raw Water Storage

Community	Raw Water Storage, AF	Expected Peak Day, Gallons	Expected Peak Day, AF	Ratio of Storage to Expected Peak Day
Denver	692,846	360,000,000	1,104.8	627.1
Eagle River/Upper Eagle Regional	7,225	7,700,000	23.6	305.7
Steamboat	2,280	3,200,000	9.8	232.2
Boulder	27,400	39,000,000	119.7	228.9
Gypsum	947	1,430,000	4.4	215.8
Basalt	500	1,270,000	3.9	128.3
Carbondale	500	2,000,000	6.1	81.5
Breckenridge	770	3,260,000	10.0	77.0
Glenwood	500	4,140,000	12.7	39.4
Snowmass	252	3,150,000	9.7	26.1
Aspen	9	10,210,000	31.3	0.3

To demonstrate the impact of providing additional storage for Aspen, the ranking was also performed including additional storage of 8,500 AF in Aspen's system.

Table 2: Ranking of Colorado Communities with Additional Aspen Raw Water Storage

Community	Raw Water Storage, AF	Expected Peak Day, Gallons	Expected Peak Day, AF	Ratio of Storage to Expected Peak Day
Denver	692,846	360,000,000	1,104.8	627.1
Eagle River/Upper Eagle Regional	7,225	7,700,000	23.6	305.7
Aspen	8,509	10,210,000	31.3	271.6
Steamboat	2,280	3,200,000	9.8	232.2
Boulder	27,400	39,000,000	119.7	228.9
Gypsum	947	1,430,000	4.4	215.8
Basalt	500	1,270,000	3.9	128.3
Carbondale	500	2,000,000	6.1	81.5
Breckenridge	770	3,260,000	10.0	77.0
Glenwood	500	4,140,000	12.7	39.4
Snowmass	252	3,150,000	9.7	26.1