

NAD83 – Colorado North Zone

Given Information:

Morrison	ϕ	39-40-09.23511	$N(y)$	342,133.389
	λ	105-13-11.06379	$E(x)$	938,449.542
			$\gamma(\theta)$	+ 00-10-51.90744
			k	1.00000799
Boulder	$N(y)$	374,427.736	ϕ	39-57-36.91690
	$E(x)$	931,903.012	λ	105-17-42.59642
			$\gamma(\theta)$	+ 00-07-56.46112
			k	0.99996963
Boulder ← Morrison → Belleview II		50-15-14.3		
Morrison ← Belleview II → Boulder		77-16-33.6		
Belleview II ← Boulder → Morrison		52-28-15.2		

Find Point “Belleview II”

“Belleview II”	$N(y)$	363,013.554
	$E(x)$	955,233.739
	ϕ	39-51-23.92072
	λ	105-01-22.16946
	$\gamma(\theta)$	+ 00-18-29.94778
	k	0.99998036

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