

Elevation by Location

Limited to Elevations about 5,000 ft.

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Location-Country, State, Place Name-City		Elev (Feet)	Length (Feet)	Grade %	In Service	End Service	RR Name	Facility Type
AZ	Ash Fork	5,650					Atchison, Topeka & Santa Fe	City Overview
AZ	Ashfork	8,200		3.0%	1892		Santa Fe, Prescott & Phoenix	Branch, Route Name -
AZ	Hillside	8,200					Atchison, Topeka & Santa Fe	City Overview
AZ	Prescott	5,367			1907		Santa Fe, Prescott & Phoenix	City Overview
AZ	Williams	7,041			1961		Atchison, Topeka & Santa Fe	Branch, Route Name
CA	Bodie	7,138	247	2.3%	1883		Carson & Colorado Railroad	Track: Grade - 2.3%
CA	Bodie (Willow)	8,500					Bodie & Benton Railway	City Overview
CA	Chilcoot-Vinton	5,220			1909		Western Pacific Railroad	Track: Grade
CA	Chilcoot,	5,221	6,001		1906		Western Pacific Railroad	Tunnel 6,001 Feet long
CA	Emigrant Gap	5,187		2.4%			Central Pacific Railroad	Track: Grade - 2.4%
CA	Emigrant Gap	5,187					Southern Pacific Railroad	Snowshed
CA	Emigrant Gap	5,187					Southern Pacific Railroad	Engine: Roundhouse
CA	Grass Lake	5,122					Southern Pacific Railroad	Yard
CA	Hetch Hetchy	5,064		4.5%			Hetch Hetchy Railroad	Track: Grade - 4.5%
CA	Keeler	7,100	247	2.8%	1883		Carson & Colorado Railroad	Track: Grade - 2.8%
CA	Norden	6,887	211,200				Central Pacific Railroad	Snowshed 211,200 Feet
CA	Norden	6,891		1.9%	1861		Central Pacific Railroad	Track: Grade - 1.9%
CA	Norden	7,000	1,659		1867	1993	Central Pacific Railroad	Tunnel
CA	Oroville	5,220		1.0%			Western Pacific Railroad	Track: Grade - 1.0%
CA	Placer	7,085		2.8%			Southern Pacific Railroad	Track: Grade - 2.8%
CA	Placer	7,085		2.2%			Southern Pacific Railroad	Tunnel - 2.2% Grade
CA	Reno Junction	5,011					Nevada-California-Oregon	City Overview
CA	Truckee	5,825			1891		Southern Pacific Railroad	Station: Depot- Historic
CA	Truckee	5,825			1890		Southern Pacific Railroad	Terminal: Freight Depot-
CO	Acequia	5,533					Denver & Rio Grande Western	Station: Depot
CO	Alamosa	9,242			1920		Denver & Rio Grande Western	Station: Depot
CO	Alamosa	8,500			1883		Denver & Rio Grande Railroad	Branch, Route Name
CO	Anaconda	9,500						Industry: Mine (Copper,
CO	Antonito	7,868			1880		Denver & Rio Grande Railroad	City Overview
CO	Antonito	10,022		4.0%	1881		Denver & Rio Grande Railroad	Branch, Route Name-
CO	Antonito	7,000			1887	1941	Denver & Rio Grande Railroad	Branch, Route Name
CO	Arapahoe	5,610			1861		Apex & Gregory Wagon Road (Toll	Industry: Mine (Copper,
CO	Aspen	7,890			1887		Denver & Rio Grande Western	City Overview
CO	Atchee	8,400		7.5%			Uintah Railway (Unitah Ry)	Track: Grade - 7.5%
CO	Baltimore (East	9,239	32,253	2.0%	1928		Denver & Salt Lake Railway	Tunnel- Historic Site
CO	Blanca	12,200						Industry: Mine (Copper,
CO	Boreas	11,500			1886	1937	Denver, South Park & Pacific	Station: Depot- Historic
CO	Boreas Pass	11,493					Denver, South Park & Pacific	Engine: Enginehouse
CO	Boreas Pass	11,493			1882	1937	Denver, South Park & Pacific	Station: Depot- Historic
CO	Boreas Pass	11,493					Denver, South Park & Pacific	Snowshed
CO	Boreas Pass	11,493		4.0%	1882		Denver, South Park & Pacific	City Overview - 4.0%
CO	Boreas Pass	11,498			1882	1909	Denver, South Park & Pacific	Engine: Roundhouse-12
CO	Buena Vista	7,968			1880		Denver, South Park & Pacific	City Overview
CO	Buena Vista	13,000						Industry: Mine (Copper,
CO	Burnham	5,241					Denver & Rio Grande Western	Station: Depot
CO	Busk	10,953	9,394	1.6%	1890	1922	Colorado Midland Railroad	Tunnel - 1.6% Grade
CO	Buttes	5,385					Denver & Rio Grande Western	Station: Depot
CO	Canon City	5,344					Denver & Rio Grande Railroad	City Overview
CO	Carlton	10,953	9,394		1884		Colorado Midland Railroad	Tunnel 9,394 Feet long
CO	Castle Rock	6,218			1875		Denver & Rio Grande Railroad	Station: Depot- Historic
CO	Cimarron	7,960		4.0%	1882		Denver & Rio Grande Railroad	Rolling Stock/
CO	Climax	11,390			1898		Colorado & Southern Railway	City Overview
CO	Climax	11,318					Colorado & Southern Railway	Station: Depot
CO	Climax	11,300			1883	1938	Denver, South Park & Pacific	Track: Grade
CO	Climax	11,300			1883	1938	Denver, South Park & Pacific	Snowshed
CO	Colorado	6,035					Denver & Rio Grande Railroad	City Overview
CO	Como	11,498		4.0%	1879	1932	Denver, South Park & Pacific	Station: Depot- Historic

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CO	Como	9,813			1879	1937	Denver, South Park & Pacific	City Overview	
CO	Como	Boreas Pass	11,482	4.0%	1882	1938	Denver, South Park & Pacific	Track: Grade - 4.0%	
CO	Como	Como Roundhouse	9,796		1881		Denver, South Park & Pacific	Engine: Roundhouse-19	
CO	Como	Como: Division HQ, Depot &	9,796		1881	1938	Denver, South Park & Pacific	City Overview- Historic	
CO	Como	High Line (Como-Boreas Pass-	11,493	4.5%	1884	1938	Denver, South Park & Pacific	Branch, Route Name -	
CO	Como	South Park Hotel (previously	9,796		1881	1896	Denver, South Park & Pacific	Industry: Hotel,	
CO	Corona		11,700	121,440	4.0%	1904	1931	Denver, Northwestern & Pacific	Station: Depot - 4.0%
CO	Corona	Riflesight Notch Loop	11,676				Denver, Northwestern & Pacific	Track: Horseshoe Curve	
CO	Corona	Rollins Pass Snowsheds	11,700	4.0%	1904	1931	Denver, Northwestern & Pacific	Snowshed - 4.0% Grade	
CO	Corona	Rollins Pass Snowsheds	11,700	4.0%	1904	1931	Denver & Salt Lake Railway	Snowshed - 4.0% Grade	
CO	Creede	Amethyst (Big) Mine, Last	10,000		1887		Denver & Rio Grande Railroad	Industry: Mine (Copper,	
CO	Crested Butte		9,500		1880			Industry: Mine (Copper,	
CO	Crested Butte	Floresta Branch (Ruby-	10,000		1893		Denver & Rio Grande Railroad	Branch, Route Name	
CO	Crested Butte	Floresta Mine (Ruby mine)	10,000		1893		Denver & Rio Grande Railroad	Industry: Mine (Copper,	
CO	Crested Butte	Kebler Pass Floresta Mine	10,007		1893		Denver & Rio Grande Railroad	Track: Grade	
CO	Cripple Creek	Cripple Creek Historic District	9,494		1894		Florence & Cripple Creek Railroad	City Overview- Historic	
CO	Cripple Creek	Cripple Creek Historic District	9,494		1894		Florence & Cripple Creek Railroad	City Overview- Historic	
CO	Cripple Creek	Gold Mines: Washburn,	9,484		1894		Florence & Cripple Creek Railroad	City Overview (Mining)	
CO	Cuchara	Cuchara Junction	5,942				Denver & Rio Grande Railroad	Junction point-RR	
CO	Cumbres	Cumbres Pass	10,015	5.8%	1880		Denver & Rio Grande Railroad	Track: Grade- Historic	
CO	Cumbres	Cumbres Pass	10,015	5.8%			Cumbres & Toltec Scenic Railroad	Track: Grade- Historic	
CO	Cumbres	Cumbres Pass	10,015	5.8%			Denver & Rio Grande Railroad	Snowshed - 5.8% Grade	
CO	Cumbres	Cumbres Pass	10,015		1870		Denver & Rio Grande Railroad	Track: Grade	
CO	Dallas Divide		8,970	4.0%			Rio Grande Southern Railway	City Overview - 4.0%	
CO	Denver		5,280		1870		Kansas Pacific Railway	City Overview	
CO	Denver	Union Station	5,198		1881		Denver & Rio Grande Railroad	Station: Union Station-	
CO	Dickey (Dillon)		9,000		1884	1937	Denver, South Park & Pacific	Engine: Enginehouse	
CO	Dickey (Dillon)		9,004		1884	1937	Denver, South Park & Pacific	City Overview	
CO	Dickey (Dillon)		9,000		1884	1937	Denver, South Park & Pacific	Engine: Coaling Tower	
CO	Dickey (Dillon)		9,000		1884	1937	Denver, South Park & Pacific	Engine: Water Tank	
CO	Dillon	Boreas Pass Snowsheds	11,482	4.0%	1882	1938	Denver, South Park & Pacific	Snowshed - 4.0% Grade	
CO	Divide	Ute Pass	9,165	4.0%	1887	1921	Colorado Midland Railroad	Track: Grade - 4.0%	
CO	Dolores		6,957				Rio Grande Southern Railway	Station: Depot	
CO	Dolores		6,957				Rio Grande Southern Railway	Engine: Enginehouse	
CO	Douglas		6,328				Denver & Rio Grande Western	Station: Depot	
CO	Durango		6,520		1882		Denver & Rio Grande Railroad	City Overview	
CO	Durango	San Juan Mining District	12,000					Industry: Mine (Copper,	
CO	Eldora (Ward)	Hill Route: Rollinsville &	9,449				Denver, Northwestern & Pacific	Branch, Route Name-	
CO	Eureka	Eureka Mining History and	9,862		1896		Silverton Northern Railroad	Industry: Mine (Copper,	
CO	Florence		5,199		1870		Denver & Rio Grande Railroad	City Overview	
CO	Floresta	Crested Butte Branch	10,000		1893		Denver & Rio Grande Railroad	Branch, Route Name	
CO	Fountain		5,577				Denver & Rio Grande Western	Station: Depot	
CO	Georgetown		8,530		1870		Colorado Central Railroad	City Overview- Historic	
CO	Georgetown	Argentine Pass Silver mines	8,530		1859		Colorado Central Railroad	Industry: Mine (Copper,	
CO	Gilman (Minturn)		8,950		1879		Denver & Rio Grande Railroad	City Overview (Mining)	
CO	Glade		6,508				Denver & Rio Grande Western	Station: Depot	
CO	Glenwood		5,857				Denver & Rio Grande Railroad	City Overview	
CO	Goldfield	Goldfield Mining History	9,901				Colorado Springs & Cripple Creek	Industry: Mine (Copper,	
CO	Granite		12,000					City Overview (Mining)	
CO	Greenland		6,919				Denver & Rio Grande Western	Station: Depot	
CO	Gunnison		13,000					Industry: Mine (Copper,	
CO	Gunnison		7,683		1881		Denver & Rio Grande Railroad	City Overview	
CO	Hancock		11,027		1881		Denver, South Park & Pacific	City Overview	
CO	Hancock		11,027				Denver, South Park & Pacific	Track: Wye	
CO	Hancock		11,027				Denver, South Park & Pacific	Station: Depot	
CO	Hancock		11,027		1881		Denver, South Park & Pacific	Engine: Water Tank	
CO	Hartsel	Trout Creek Pass	9,346	5.0%			Denver, South Park & Pacific	Track: Grade - 5.0%	

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CO	Husted	6,596					Denver & Rio Grande Railroad	Station: Depot
CO	Ironton/Red	11,110					Silverton Railroad (Red Mountain	Track: Switchback
CO	La Veta	9,242		4.0%	1877	1953	Denver & Rio Grande Railroad	Track: Grade - 4.0%
CO	La Veta	9,400			1877	1899	Denver & Rio Grande Railroad	Station: Depot- Historic
CO	La Veta	9,300		4.0%	1870		Denver & Rio Grande Railroad	City Overview - 4.0%
CO	Lake City	8,686			1889	1933	Denver & Rio Grande Railroad	City Overview
CO	Lake City	12,000					Denver & Rio Grande Railroad	Industry: Mine (Copper,
CO	Larkspur	6,668					Denver & Rio Grande Railroad	Station: Depot
CO	Leadville	10,331			1900		Denver & Rio Grande Railroad	Industry: Mine (Copper,
CO	Leadville	10,200			1880		Denver & Rio Grande Railroad	City Overview
CO	Leadville	10,200					Denver & Rio Grande Railroad	Track: Switchback
CO	Leadville	10,430			1893		Denver, South Park & Pacific	Station: Depot
CO	Leadville	10,200					Denver & Rio Grande Railroad	Terminal: Freight Depot
CO	Leadville	11,530	2,060	4.0%	1886	1894	Colorado Midland Railroad	Track: Grade - 4.0%
CO	Leadville	11,528				1918	Colorado Midland Railroad	Track: Horseshoe Curve
CO	Leadville	11,530	2,060	4.0%	1886	1894	Colorado Midland Railroad	Snowshed - 4.0% Grade
CO	Leadville	11,530	1,084	4.0%	1886	1894	Colorado Midland Railroad	Bridge - 4.0% Grade
CO	Leadville	11,500	2,060	3.0%	1886	1894	Colorado Midland Railroad	Tunnel - 3.0% Grade
CO	Leadville	10,152			1880		Colorado & Southern Railway	City Overview- Historic
CO	Leadville	10,152			1860		Denver & Rio Grande Railroad	City Overview (Mining)
CO	Leadville	11,500			1898	1944	Denver & Rio Grande Railroad	Branch, Route Name
CO	Littleton	5,372			1875		Denver & Rio Grande Western	Station: Depot- Historic
CO	Littleton	9,130					Denver, South Park & Pacific	Track: Grade
CO	Lizard Head Pass	10,250					Rio Grande Southern Railway	City Overview
CO	Lizard Head Pass	10,222		3.0%	1891	1952	Rio Grande Southern Railway	Track: Grade - 3.0%
CO	Lizard Head Pass	10,250	1,549				Rio Grande Southern Railway	Snowshed
CO	Louviers	5,675					Denver & Rio Grande Western	Station: Depot
CO	Manitou Springs	9,000		69.0%			Mt. Manitou Incline (Mt. Manitou	City Overview - 69.0%
CO	Manitou Springs	6,324			1870		Denver & Rio Grande Railroad	Station: Depot
CO	Marshall Pass/	10,856		4.0%	1881	1955	Denver & Rio Grande Railroad	Track: Grade - 4.0%
CO	Marshall Pass/	10,820		4.0%	1881	1955	Denver & Rio Grande Railroad	Engine: Roundhouse -
CO	Marshall Pass/	10,820		4.0%	1881	1955	Denver & Rio Grande Railroad	Snowshed - 4.0% Grade
CO	Marshall Pass/	10,820		4.0%	1881	1955	Denver & Rio Grande Railroad	Station: Depot - 4.0%
CO	Mears Junction	7,500			1881		Denver & Rio Grande Railroad	Branch, Route Name
CO	Military Junction	5,329				1946	Denver & Rio Grande Western	Station: Depot
CO	Minturn	7,825			1886		Denver & Rio Grande Railroad	City Overview
CO	Minturn	10,221		3.0%	1887	1997	Denver & Rio Grande Railroad	City Overview - 3.0%
CO	Minturn	10,223		3.0%	1887	1997	Denver & Rio Grande Railroad	Track: Grade - 3.0%
CO	Monarch	10,028		4.5%			Denver & Rio Grande Railroad	City Overview - 4.5%
CO	Monarch	10,090			1883	1984	Denver & Rio Grande Railroad	Branch, Route Name
CO	Monarch	10,090			1883		Denver & Rio Grande Railroad	Track: Switchback
CO	Monarch	10,090					Denver & Rio Grande Railroad	Industry: Dock: Ore or
CO	Monarch/Garfield	10,028		4.8%			Denver & Rio Grande Railroad	Track: Switchback -
CO	Montezuma	10,764			1864	1928		City Overview (Mining)
CO	Montrose	5,811			1870		Denver & Rio Grande Railroad	City Overview
CO	Monument	6,972			1872		Denver & Rio Grande Railroad	Station: Depot
CO	Mt. McClellan	13,110		6.6%			Argentine & Grays Peak Railway	Track: Switchback -
CO	Mt. McClellan	13,110		6.6%			Argentine Central Railway	Track: Switchback -
CO	Mt. McClellan	13,117		6.0%			Argentine & Grays Peak Railway	City Overview - 6.0%
CO	Nathrop	7,710					Denver, South Park & Pacific	City Overview
CO	Nathrop	7,710					Denver, South Park & Pacific	Station: Depot
CO	Ophir	10,250			1889		Rio Grande Southern Railway	Station: Depot
CO	Ophir	10,250		3.0%	1889		Rio Grande Southern Railway	Track: Horseshoe Curve
CO	Ophir	10,250		3.0%			Rio Grande Southern Railway	Track: Grade - 3.0%
CO	Ophir	9,096	338		1889		Rio Grande Southern Railway	Bridge
CO	Ophir	9,802			1891	1951	Rio Grande Southern Railway	Engine: Water Tank-
CO	Ouray	7,792			1887	1953	Denver & Rio Grande Railroad	City Overview

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CO	Palmer Lake	7,237					Atchison, Topeka & Santa Fe	City Overview
CO	Palmer Lake	7,237					Denver & Rio Grande Railroad	Station: Depot
CO	Pikes Peak	14,100		25.0%	1888		Manitou & Pike's Peak Railroad	City Overview - 25.0%
CO	Pinon	5,038					Denver & Rio Grande Western	Station: Depot
CO	Plateau	6,029					Denver & Rio Grande Western	Station: Depot
CO	Ponca Springs	7,464			1880		Denver & Rio Grande Railroad	City Overview (Mining)
CO	Poncha Junction	9,000		4.8%	1881	1984	Denver & Rio Grande Railroad	Track: Grade - 4.8%
CO	Poncha Springs	9,000					Denver & Rio Grande Railroad	Track: Grade
CO	Red Mountain	11,110			1887		Silverton Railroad (Red Mountain	City Overview
CO	Red Mountain	11,113			1888		Silverton Railroad (Red Mountain	Track: Grade
CO	Rico	9,500			1885	1940		Industry: Mine (Copper,
CO	Rollinsville	11,676					Denver, Northwestern & Pacific	Branch, Route Name-
CO	Rollinsville	11,600		4.0%			Denver, Northwestern & Pacific	Branch, Route Name -
CO	Rollinsville	11,700	121,440	4.0%	1904	1931	Denver, Northwestern & Pacific	Track: Switchback -
CO	Rollinsville	11,700	121,440	4.0%	1904	1931	Denver, Northwestern & Pacific	Track: Grade - 4.0%
CO	Rollinsville	11,676		4.0%	1904	1931	Denver, Northwestern & Pacific	Branch, Route Name-
CO	Roswell	6,087					Denver & Rio Grande Railroad	Station: Depot
CO	Salida	7,050			1881		Denver & Rio Grande Railroad	City Overview
CO	Salida	10,820			1881	1955	Denver & Rio Grande Railroad	Branch, Route Name
CO	Salida	9,000					Denver & Rio Grande Railroad	Branch, Route Name
CO	Salida	10,200		3.5%	1887		Denver & Rio Grande Railroad	Branch, Route Name -
CO	Salida	10,500		3.5%	1881	1997	Denver & Rio Grande Railroad	Track: Grade - 3.5%
CO	Salida (Mears	9,010			1881	1951	Denver & Rio Grande Railroad	Branch, Route Name
CO	Sedalia	5,835			1871		Denver & Rio Grande Railroad	Station: Depot
CO	Shirley	10,820		4.0%	1881	1955	Denver & Rio Grande Railroad	Track: Horseshoe Curve
CO	Shirley	10,820		4.0%	1881	1955	Denver & Rio Grande Railroad	Track: Switchback -
CO	Silver Plume	13,117		6.0%	1906	1918	Argentine Central Railway	Track: Grade- Historic
CO	Silverton	9,318			1882		Denver & Rio Grande Railroad	City Overview- Historic
CO	South Fork	8,188	120,384		1883		Denver & Rio Grande Railroad	Branch, Route Name-
CO	South Fork	8,188			1881		Denver & Rio Grande Railroad	Engine: Water Tank-
CO	St. Elmo	11,612	1,772	4.0%	1881	1910	Denver, South Park & Pacific	Tunnel- Historic Site
CO	St. Elmo (Pitkin)	11,612	1,772	4.0%	1881		Denver, South Park & Pacific	Snowshed- Historic Site
CO	Tabernash	8,550		4.0%	1905		Denver, Northwestern & Pacific	City Overview - 4.0%
CO	Tabernash	8,550			1913		Denver & Salt Lake Railway	Engine: Roundhouse
CO	Tabernash	8,550			1913		Denver & Salt Lake Railway	Engine: Coaling Tower
CO	Tabernash	8,550			1913		Denver & Salt Lake Railway	Yard
CO	Telluride	8,756			1890		Rio Grande Southern Railway	Station: Pssgr+Frt
CO	Telluride	8,756			1890		Rio Grande Southern Railway	City Overview- Historic
CO	Telluride	8,756			1890		Rio Grande Southern Railway	Engine: Water Tank
CO	Telluride	12,000			1896			Industry: Mine (Copper,
CO	Tincup	12,000						Industry: Mine (Copper,
CO	Trinidad	6,025			1878		Atchison, Topeka & Santa Fe	City Overview
CO	Trout Lake	9,802			1891		Rio Grande Southern Railway	City Overview
CO	Trout Lake	9,802			1891		Rio Grande Southern Railway	Engine: Water Tank-
CO	Uptop (La Veta)	9,382			1877	1899	Denver & Rio Grande Railroad	Station: Depot
CO	Vance Junction	8,116			1890		Rio Grande Southern Railway	City Overview
CO	Villa Grove	10,000						Industry: Mine (Copper,
CO	Wagon Wheel	8,449			1883		Denver & Rio Grande Railroad	City Overview
CO	Waldorf	11,666					Argentine Central Railway	Snowshed
CO	Walsenburg	6,187					Denver & Rio Grande Railroad	City Overview
CO	Walsenburg	9,393		4.0%	1877	1953	Denver & Rio Grande Railroad	Track: Grade - 4.0%
CO	Walsenburg	9,242		4.0%	1877	1953	Denver & Rio Grande Railroad	Branch, Route Name -
CO	Ward	9,449					Colorado & Northwestern Railway	Station: Depot
CO	Waterton	10,000		7.0%			Denver, South Park & Pacific	Track: Grade - 7.0%
CO	Webster	9,990		7.0%	1879		Denver, South Park & Pacific	Track: Grade - 7.0%
CO	Webster	9,990			1879	1939	Denver, South Park & Pacific	Station: Pssgr+Frt
CO	Webster	9,990			1879	1938	Denver, South Park & Pacific	Track: Wye- Historic

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CO	Wigwam	5,232					Denver & Rio Grande Western	Station: Depot	
IN	Lake Cicott	9,802			1891		Rio Grande Southern Railway	Station: Depot	
MT	Butte	Anaconda Copper Mine History	5,516					City Overview- Historic	
MT	Butte	Elk Park Pass	6,365		1888	1972	Great Northern Railroad	Track: Grade	
MT	Butte	Homestake Pass	6,356	2.2%	1888	1983	Northern Pacific Railroad	Track: Grade - 2.2%	
MT	Butte	Homestake Tunnel	6,356	682	1890	1956	Northern Pacific Railroad	Tunnel	
MT	Butte	Pipestone Tunnel	6,347	2,290	1909	1980	Chicago, Milwaukee, St. Paul &	Tunnel	
MT	Deer Lodge	Deer Lodge Pass	5,800		1881		Utah & Northern Railway	Track: Grade	
MT	Dillon	Bannock Pass & Tunnel	7,575	600	1910	1939	Gilmore & Pittsburgh Railroad Co,	Track: Grade	
MT	Essex	Marias Pass	5,213	1.8%	1893		Great Northern Railroad	Track: Grade - 1.8%	
MT	Helena	Mullan Pass	5,566	2.2%	1883		Northern Pacific Railroad	Track: Grade - 2.2%	
MT	Helena	Mullan Pass & Tunnel	5,548	5,280	2.2%	1883	Northern Pacific Railroad	Tunnel - 2.2% Grade	
MT	Helena	Mullan Pass Switchbacks	5,566			1883	Northern Pacific Railroad	Track: Switchback	
MT	Helena	Mullan Tunnel	5,566	3,896	1883		Northern Pacific Railroad	Tunnel 3,896 Feet long	
MT	Lima	Beaver Canyon	6,820		1880		Utah & Northern Railway	Track: Grade	
MT	Lima	Monida Pass (Continental	6,820		1880		Utah & Northern Railway	Track: Grade	
MT	Livingston	Bozeman Pass	5,600	1.8%	1883		Northern Pacific Railroad	Track: Grade - 1.8%	
MT	Livingston	Bozeman Pass switchback line	5,562	4.0%	1883	1884	Northern Pacific Railroad	Track: Switchback -	
MT	Livingston	Bozeman Tunnel	5,565	3,500	1.9%	1883	Northern Pacific Railroad	Tunnel - 1.9% Grade	
MT	Livingston	Bozeman Tunnel #2	5,562	3,000	1.9%	1945	Northern Pacific Railroad	Tunnel - 1.9% Grade	
MT	Logan	Homestake Pass Line	6,329		1888	1983	Northern Pacific Railroad	Branch, Route Name	
MT	Penfield	Pipestone Pass	6,347	2.0%	1909	1980	Chicago, Milwaukee, St. Paul &	Track: Grade - 2.0%	
MT	Ringling	Belt Mountains line	5,793	1.0%	1897		Montana Railroad (1894)	Track: Grade - 1.0%	
MT	Summit	Summit Station (Marias Pass)	5,215				Great Northern Railroad	Station: Depot	
MT	West	Reas Pass	6,934		1905	1981	Union Pacific Railroad	Track: Grade	
NH	Mt. Washington	Mt. Washington & Cog Railway	6,288	16,000	37.0%		Mt. Washington Cog Railway (Mt.	Track: Grade - 37.0%	
NM	Alamogordo	Cox Canyon Branch	8,600	7.3%			Alamogordo & Sacramento	Branch, Route Name -	
NM	Azotea (Chama)	Azotea Pass	7,773		1880	1968	Denver & Rio Grande Railroad	Track: Grade	
NM	Chama		7,863		1880		Denver & Rio Grande Railroad	City Overview- Historic	
NM	Chama		7,863		1880		Denver & Rio Grande Railroad	1st RR to this city-	
NM	Cimarron	Baldy Peak Gold mines	12,000		1866			Industry: Mine (Copper,	
NM	Cloudcroft		8,600		1900		El Paso & Northeastern Railway	City Overview	
NM	Cloudcroft		9,600				Alamogordo & Sacramento	Industry: Hotel, Railroad	
NM	Cloudcroft	Cox Canyon Bridge (Mexican	8,600	300	5.2%	1899	1947	Alamogordo & Sacramento	Bridge- Historic Site
NM	Cloudcroft	Cox Canyon Switchback	8,600	5.2%			Alamogordo & Sacramento	Track: Switchback -	
NM	Corona		6,726				Southern Pacific Railroad	Terminal: Freight Depot	
NM	Elizabethtown	Baldy Mountain Gold Mine	12,000		1866			Industry: Mine (Copper,	
NM	Glorieta		7,421	3.2%	1908		Atchison, Topeka & Santa Fe	Station: Depot - 3.2%	
NM	Glorieta	Glorieta Pass	7,453	3.2%	1879		Atchison, Topeka & Santa Fe	Track: Grade - 3.2%	
NM	Las Vegas		6,392		1899		Atchison, Topeka & Santa Fe	Station: Depot- Historic	
NM	Lumberton	Hillcrest Pass	7,714		1903	1924	Rio Grande & Southwestern	Track: Grade	
NM	Mountainair		6,470		1903		Atchison, Topeka & Santa Fe	Station: Depot	
NM	Mountainair	Abo Pass	6,508	1.2%	1863		Atchison, Topeka & Santa Fe	Track: Grade - 1.2%	
NM	Nogal	El Paso And Southwestern	7,200		1908		El Paso & Southwestern Railroad	Miscellaneous	
NM	Pinos Altos	Pinos Altos Distric mines	7,011		1860			Industry: Mine (Copper,	
NM	Raton	Raton Pass	7,622	6.0%	1878		Atchison, Topeka & Santa Fe	Track: Grade- Historic	
NM	Raton	Raton Pass (1878 line)	7,834	6.0%	1878		New Mexico & Southern Pacific	Track: Switchback -	
NM	Raton	Raton Pass Tunnel at Colorado	7,834				Atchison, Topeka & Santa Fe	Tunnel	
NM	Raton	Raton Tunnel	7,588	2,600	1879		Atchison, Topeka & Santa Fe	Tunnel 2,600 Feet long	
NM	Silver City	Chloride Flats Mining District	5,900		1879	1900	Atchison, Topeka & Santa Fe	Industry: Mine (Copper,	
NM	Socorro County	Abo Canyon/Abo Pass (Belen	5,771		1908		Atchison, Topeka & Santa Fe	Track: Grade	
NM	Thoreau	Campbell Pass	7,244		1882		Atchison, Topeka & Santa Fe	Track: Grade	
NM	Tyrone	Little Burro Mountains and	6,500		1882	1921		City Overview	
NM	Vaughn		5,952		1905		Southern Pacific Railroad	City Overview	
NV	Crestline		5,962					Track: Grade	
NV	Crestline		6,011	1.6%			San Pedro, Los Angeles & Salt	Track: Grade - 1.6%	
NV	Elko		5,096		1911		Western Pacific Railroad	Station: Depot	

Elevation by Location

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Location-Country, State, Place Name-City		Elev (Feet)	Length (Feet)	Grade %	In Service	End Service	RR Name	Facility Type		
NV	Elko	Flower Lake Tunnel	5,907				Western Pacific Railroad	Tunnel		
NV	Hogan		5,907				Western Pacific Railroad	City Overview		
NV	Hogan	Hogan tunnel (Hogan's Tunnel)	5,901		1914		Western Pacific Railroad	Tunnel		
NV	Mt. Montgomery	Mt. Montgomery Pass	7,138	3.0%			Carson & Colorado Railroad	Track: Grade - 3.0%		
NV	Mt. Montgomery	Mt. Montgomery Tunnel	7,000	247			Carson & Colorado Railroad	Tunnel		
NV	Reno	Geiger Grade (Occidental	6,789	7.0%			Virginia & Truckee Railroad (1869)	Track: Grade- Historic		
NV	Valley Pass		6,075				Union Pacific Railroad	Track: Grade		
NV	Wendover	Arnold's Loop	5,600	3.0%	1914		Union Pacific Railroad	Track: Horseshoe Curve		
OR	Chemult	Pengra Pass	5,000				Southern Pacific Railroad	Track: Grade		
SD	Dumont		6,410				Chicago, Burlington & Quincy	City Overview		
SD	Dumont	High Line	6,155				Chicago, Burlington & Quincy	Track: Grade		
SD	Edgemont	High Line (Edgemont-	6,240	3.0%		1986	Chicago, Burlington & Quincy	Branch, Route Name -		
UT	Alta	Little Cottonwood	10,550	10.8%			Little Cottonwood Transportation	City Overview - 10.8%		
UT	Echo		5,777				Union Pacific Railroad	City Overview- Historic		
UT	Echo		5,777				Echo & Park City Railway	Junction point-RR-		
UT	Heber		5,550		1899		Rio Grande Western Railway	City Overview		
UT	Helper	Soldier Summit	7,440	2.4%	1920		Denver & Rio Grande Western	Track: Grade - 2.4%		
UT	Helper	Soldier Summit	7,477				Denver & Rio Grande Railroad	City Overview		
UT	Helper	Soldier Summit Yard (Helper	7,477				Denver & Rio Grande Western	Yard		
UT	Lynndyl		6,061				Union Pacific Railroad	Track: Grade		
UT	Park City	Park City Branch	6,970		1870		Denver & Rio Grande Railroad	City Overview		
UT	Pinecrest		7,000	8.0%			Emigration Canyon Railroad	Track: Switchback -		
UT	Silver City		6,930	4.0%	1897		Oregon Short Line Railroad (1897)	Industry: Mine (Copper,		
UT	Summit		7,440				Denver & Rio Grande Railroad	Track: Grade		
UT	Tintic	Tintic Mining District	5,791		1882		Salt Lake & Western Railway	City Overview		
UT	Tucker		7,967		1879		Utah & Pleasant Valley Railway	Track: Switchback		
UT	Wahsatch	Wahsatch Station (Wasatch	6,800	1.1%			Union Pacific Railroad	Track: Grade - 1.1%		
WY	Borie		6,560				Union Pacific Railroad	City Overview		
WY	Buford		7,920		1866		Union Pacific Railroad	City Overview		
WY	Cheyenne		6,060				Union Pacific Railroad	City Overview		
WY	Cheyenne	Archer Hill	6,058	0.7%			Union Pacific Railroad	Track: Grade - 0.7%		
WY	Dale Creek	Dale Creek Trestle	8,247	720	1868	1903	Union Pacific Railroad	Bridge- Historic Site		
WY	Dale Junction		7,886				Union Pacific Railroad	Junction point-RR		
WY	Fox Park		9,058				Laramie, Hahn's Peak & Pacific	City Overview		
WY	Granite		7,306				Union Pacific Railroad	City Overview		
WY	Harriman		7,388				Union Pacific Railroad	City Overview		
WY	Laramie		7,165				Union Pacific Railroad	City Overview		
WY	Lookout		7,184				Union Pacific Railroad	Track: Grade		
WY	Lynch		7,032				Union Pacific Railroad	City Overview		
WY	Moyer		7,032				Union Pacific Railroad	Track: Grade		
WY	Piedmont	Altamont Tunnel	7,230	6,706	1949		Union Pacific Railroad	Tunnel 6,706 Feet long		
WY	Sherman	Evans Pass (original Sherman	8,262		1865		Union Pacific Railroad	Track: Grade		
WY	Sherman	Sherman Hill (1865 track	8,247	5.1%	1865	1903	Union Pacific Railroad	Track: Grade - 5.1%		
WY	Sherman	Sherman Hill (1953 alignment)	7,918	221,760	0.8%	1953	Union Pacific Railroad	Track: Grade - 0.8%		
WY	Sherman	Sherman Hill (Borie Cutoff)	8,014	221,760	1.6%	1903	Union Pacific Railroad	Track: Grade - 1.6%		
WY	Sherman Hill		8,640		1865		Union Pacific Railroad	City Overview		
WY	Speer		6,414		1862		Union Pacific Railroad	City Overview		
WY	Speer		6,414				Union Pacific Railroad	Engine: Water Tank		
WY	Speer	Harriman Cutoff (Greeley	6,414		1862		Union Pacific Railroad	Branch, Route Name		
Canada	AB	Jasper	Kicking Horse Pass (current	5,340	2.2%	1909		Canadian Pacific Railway	Track: Grade- Historic	
Canada	AB	Jasper	Kicking Horse Pass Big Hill	5,340	42,240	4.5%	1884	1909	Canadian Pacific Railway	Track: Grade - 4.5%
Canada	BC	Nakusp (Summit	Pine Pass	7,838				Pacific Great Eastern Railway	Track: Grade	
China		Guanjiao	New Guanjiao Tunnel	11,086	106,709		2014		Qingzang Railway (Qinghai-	Tunnel 106,709 Feet
China		Qinghai	Fenghuoshan tunnel	16,093	4,390				Qingzang Railway (Qinghai-	Tunnel 4,390 Feet long
China		Tanggula	Tanggula (Dangla) Railway	16,627		2006			Qingzang Railway (Qinghai-	Station: Depot
China		Tanggula	Xining-Golmud-Lhasa Line	16,627		2006			Qingzang Railway (Qinghai-	Track: Grade
China		Zadoi County,	Fenghuoshan railway tunnel	16,093	4,390				Qingzang Railway (Qinghai-	Tunnel 4,390 Feet long

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Location-Country, State, Place Name-City			Elev (Feet)	Length (Feet)	Grade %	In Service	End Service	RR Name	Facility Type
Ecuado	Guayaquil,	Devil's Nose	11,841		5.5%			Guayaquil & Quito Railway	Track: Grade - 5.5%
Ecuado	Quito	Devil's Nose	9,350					Guayaquil & Quito Railway	Station: Depot
Ecuado	Urbina		12,000					Guayaquil & Quito Railway	Station: Depot
India	Coonor (in		6,070					Nilgiri Mountain Railway	Engine/Car Repair
India	Simla		7,100						Station: Depot
Mexico	Acocotia		8,320						Track: Grade
Mexico	Creel	Copper Canyon	8,000		2.5%			Ferrocarril del Chihuahua Al	Track: Grade - 2.5%
Mexico	Papaloapam	Papaloapam River Bridge	7,340	1,100		1904		Ferrocarril de Veracruz al Istmo	Bridge
Mexico	Paso del Macho		8,045		4.7%			Ferrocarril Mexicano (Compania	Track: Grade - 4.7%
Mexico	Salazar	Salazar Summit	10,018					Ferrocarriles Nacionales de	Track: Grade
Peru	Cerro de Pasco		14,210					Cerro de Pasco	City Overview
Peru	Galera		15,869	3,860				Ferrocarril Central del Perú	City Overview 3,860
Peru	Galera		15,869	3,860		1893		Ferrocarril Central Andino	Station: Depot 3,860
Peru	La Cima		15,850					Ferrocarril Central Andino	City Overview
Peru	La Raya		14,150					PeruRail	City Overview
Peru	Lima	Lima-Huancayo Line	15,869						City Overview
Peru	Ticlio		15,806			1872		Ferrocarril Central Andino	Track: Grade
Peru	Ticlio	Galera Tunnel	15,860	3,855				Ferrocarril Central Andino	Tunnel 3,855 Feet long
Peru	Verrugas	Verrugas Viaduct	5,850	575	4.0%	1873			Bridge - 4.0% Grade
Switzer	Bergun (Preda)	Albula Tunnel	5,970	19,242		1904		Albula Railway (Glacier Express)	Tunnel 19,242 Feet long
Switzer	Gornergrat-		10,135		15.7%	1898		Gornergrat Bahn (the	City Overview - 15.7%
Switzer	Graubünden/Uri	Oberalp Pass	6,706					Furka-Oberalp Bahn (FO) (Brig-	Track: Grade
Switzer	Jungfrauoch		11,332		25.0%			Jungfrau Railway (Jungfraubahn)	Station: Depot - 25.0%
Switzer	Kleine		6,762			1892			Station: Depot
Switzer	Oberalp	Oberalp Pass Railway Station	6,706						Station: Depot
Switzer	Oberwald, Valais	Furka Base Tunnel	7,090	50,548		1982		Furka-Oberalp Bahn (FO) (Brig-	Tunnel 50,548 Feet long
Switzer	Poschiavo	Bernina Pass	7,392					Bernina Railway (Berninabahn)	Track: Grade
Switzer	Valais	Furka Summit Tunnel	7,090	6,096		1926		Furka-Oberalp Bahn (FO) (Brig-	Tunnel 6,096 Feet long