

**Table 1.1a Tabulated design ground snow loads ( $p_g$ ) for the state of Colorado (Cities/Towns)**

<i>City/Town</i>	<i>County</i>	<i>Latitude (deg)</i>	<i>Longitude (deg)</i>	<i>Altitude (ft)</i>	<i>Design Ground Snow Load (<math>p_g</math>) (psf)*</i>
<i>Aguilar</i>	Las Animas	37.40	-104.65	6390	<b>55</b>
<i>Air Force Academy</i>	El Paso	39.01	-104.89	7000	<b>55</b>
<i>Alamosa</i>	Alamosa	37.47	-105.87	7540	25
<i>Allenspark</i>	Boulder	40.19	-105.53	8500	70
<i>Alma</i>	Park	39.28	-106.06	10360	65
<i>Antonito</i>	Conejos	37.08	-106.01	7890	40
<i>Arapaho ski area base</i>	Summit	39.64	-105.87	10850	125
<i>Arvada</i>	Jefferson	39.80	-105.09	5350	40
<i>Aspen</i>	Pitkin	39.19	-106.82	7890	75
<i>Aurora</i>	Adams	39.73	-104.83	5400	40
<i>Avon</i>	Eagle	39.63	-106.52	7430	60
<i>Bailey</i>	Park	39.41	-105.47	7740	<b>80</b>
<i>Basalt</i>	Eagle	39.37	-107.03	6610	55
<i>Battlement Mesa</i>	Mesa	39.44	-108.03	5490	35
<i>Bayfield</i>	La Plata	37.23	-107.60	6900	55
<i>Beaver Creek</i>	Eagle	39.60	-106.52	8080	75
<i>Bellvue</i>	Larimer	40.63	-105.17	5130	<b>40</b>
<i>Beulah</i>	Pueblo	38.08	-104.99	6380	<b>55</b>
<i>Black Forest</i>	El Paso	39.01	104.70	7370	65
<i>Black Hawk</i>	Gilpin	39.80	-105.49	8540	85
<i>Blue River</i>	Summit	39.38	-106.05	10500	90
<i>Boulder</i>	Boulder	40.01	-105.27	5330	40
<i>Branson</i>	Las Animas	37.02	-103.88	6270	<b>55</b>
<i>Breckenridge</i>	Summit	39.50	-106.04	9600	80
<i>Brighton</i>	Adams	39.99	-104.82	4980	35
<i>Broomfield</i>	Broomfield	39.92	-105.09	5390	40
<i>Buena Vista</i>	Chaffee	38.84	-106.13	7960	<b>35</b>
<i>Canon City</i>	Fremont	38.44	-105.24	5350	35
<i>Carbondale</i>	Garfield	39.40	-107.21	6170	50
<i>Cascade</i>	El Paso	38.90	-104.97	7380	<b>60</b>
<i>Castle Pines</i>	Douglas	39.47	-104.89	6370	50
<i>Castle Rock</i>	Douglas	39.37	-104.86	6220	45
<i>Cedaredge</i>	Delta	38.90	-107.93	6230	35
<i>Centennial</i>	Arapahoe	39.58	-104.88	5830	40
<i>Central City</i>	Gilpin	39.80	-105.51	8510	85
<i>Cimarron Hills</i>	El Paso	38.86	-104.70	6450	45
<i>Coal Creek Canyon</i>	Boulder	39.92	-105.40	8600	105
<i>Collbran</i>	Mesa	39.24	-107.96	5980	<b>45</b>

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<i>Colorado Springs (downtown)</i>	El Paso	38.83	-104.82	6010	45
<i>Colorado Springs (Chapel Hills)</i>	El Paso	38.95	-104.79	6500	50
<i>Commerce City</i>	Adams	39.81	-104.93	5160	35
<i>Conifer</i>	Jefferson	39.52	-105.31	8280	100
<i>Copper Mountain ski area base</i>	Summit	39.51	-106.14	9700	80
<i>Cortez</i>	Montezuma	37.35	-108.59	6190	30
<i>Craig</i>	Moffat	40.52	-107.55	6200	30
<i>Crawford</i>	Delta	38.70	-107.61	6560	45
<i>Creede</i>	Mineral	37.85	-106.93	8800	65
<i>Crested Butte</i>	Gunnison	38.87	-106.98	8910	<b>125</b>
<i>Crestone</i>	Saguache	38.00	-105.70	7930	35
<i>Cripple Creek</i>	Teller	38.75	-105.18	9490	70
<i>De Beque</i>	Mesa	39.33	-108.22	4950	<b>30</b>
<i>Del Norte</i>	Rio Grande	37.68	-106.35	7880	30
<i>Denver</i>	Denver	39.74	-104.98	5280	35
<i>Dillon</i>	Summit	39.63	-106.04	9110	65
<i>Dinosaur</i>	Moffat	40.24	-109.01	5920	35
<i>Dolores</i>	Montezuma	37.47	-108.50	6940	<b>55</b>
<i>Dotsero</i>	Eagle	39.65	-107.07	6150	40
<i>Dove Creek</i>	Dolores	37.77	-108.91	6840	45
<i>Durango</i>	La Plata	37.28	-107.88	6530	<b>55</b>
<i>Durango Mountain ski area base</i>	La Plata	37.63	-107.81	9000	<b>125</b>
<i>Eagle</i>	Eagle	39.66	-106.83	6600	45
<i>Edwards</i>	Eagle	39.64	-106.59	7220	55
<i>El Jebel</i>	Eagle	39.40	-107.09	6480	50
<i>Elbert</i>	Elbert	39.22	-104.54	6720	<b>55</b>
<i>Empire</i>	Clear Creek	39.76	-105.68	8620	60
<i>Estes Park</i>	Larimer	40.38	-105.52	7520	<b>65</b>
<i>Evergreen</i>	Jefferson	39.63	-105.32	7050	<b>70</b>
<i>Fairplay</i>	Park	39.22	-106.00	9950	55
<i>Fort Carson (HQ)</i>	El Paso	38.74	-104.79	5800	40
<i>Fort Collins</i>	Larimer	40.59	-105.08	5000	35
<i>Fort Garland</i>	Costilla	37.43	-105.43	7940	25
<i>Fort Morgan</i>	Morgan	40.25	-103.80	4330	30
<i>Fountain</i>	El Paso	38.68	-104.70	5550	35

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<i>Franktown</i>	Douglas	39.39	-104.75	6160	45
<i>Fraser</i>	Grand	39.94	-105.82	8580	75
<i>Frisco</i>	Summit	39.57	-106.10	9080	65
<i>Genesee</i>	Jefferson	39.70	-105.27	7650	80
<i>Georgetown</i>	Clear Creek	39.71	-105.70	8520	60
<i>Gleneagle</i>	El Paso	39.05	-104.83	6930	<b>55</b>
<i>Glenwood Springs</i>	Garfield	39.55	-107.32	5760	40
<i>Granby</i>	Grand	40.09	-105.94	7980	55
<i>Grand Junction</i>	Mesa	39.06	-108.55	4590	25
<i>Grand Lake</i>	Grand	40.25	-105.82	8390	70
<i>Greeley</i>	Weld	40.42	-104.71	4680	30
<i>Green Mountain Falls</i>	Teller	38.93	-105.02	7760	<b>70</b>
<i>Gunnison</i>	Gunnison	38.55	-106.93	7700	45
<i>Gypsum</i>	Eagle	39.65	-106.95	6310	40
<i>Hartsel</i>	Park	39.02	-105.80	8870	35
<i>Hayden</i>	Routt	40.50	-107.26	6350	<b>55</b>
<i>Highlands Ranch</i>	Douglas	39.54	-104.97	5900	45
<i>Hot Sulphur Springs</i>	Grand	40.07	-106.10	7730	45
<i>Howard</i>	Fremont	38.45	-105.84	6720	<b>40</b>
<i>Idaho Springs</i>	Clear Creek	39.74	-105.51	7530	60
<i>Ignacio</i>	La Plata	37.12	-107.63	6450	45
<i>Keystone ski area base</i>	Summit	39.60	-105.95	9170	70
<i>Kremmling</i>	Grand	40.06	-106.39	7310	40
<i>La Junta</i>	Otero	37.99	-103.54	4080	30
<i>La Veta</i>	Huerfano	37.51	-105.01	7040	50
<i>Lake City</i>	Hinsdale	38.03	-107.32	8660	55
<i>Lakewood</i>	Jefferson	39.70	-105.08	5520	40
<i>Lamar</i>	Prowers	38.09	-102.62	3620	30
<i>Larkspur</i>	Douglas	39.23	-104.89	6730	55
<i>Leadville</i>	Lake	39.25	-106.29	10160	75
<i>Littleton</i>	Arapahoe	39.61	-105.02	5350	40
<i>Livermore</i>	Larimer	40.79	-105.22	5900	45
<i>Longmont</i>	Boulder	40.17	-105.10	4980	35
<i>Loveland</i>	Larimer	40.40	-105.07	4980	35
<i>Loveland ski area base</i>	Clear Creek	39.68	-105.90	10850	125
<i>Lyons</i>	Boulder	40.22	-105.27	5370	40
<i>Mancos</i>	Montezuma	37.34	-108.29	7030	45
<i>Manitou Springs</i>	El Paso	38.86	-104.92	6360	50

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<i>Marble</i>	Gunnison	39.07	-107.19	7990	90
<i>Meeker</i>	Rio Blanco	40.04	-107.91	6240	40
<i>Mesa</i>	Mesa	39.17	-108.14	5640	<b>35</b>
<i>Mesa Verde</i>	Montezuma	37.15	-108.52	6770	<b>50</b>
<i>Minturn</i>	Eagle	39.59	-106.43	7860	70
<i>Monarch ski area base</i>	Chaffee	38.51	-106.33	10800	135
<i>Monte Vista</i>	Rio Grande	37.58	-106.15	7660	25
<i>Montezuma</i>	Summit	39.58	-105.87	10310	105
<i>Montrose</i>	Montrose	38.48	-107.88	5810	25
<i>Monument</i>	El Paso	39.09	-104.87	6980	<b>60</b>
<i>Mount Crested Butte ski area base</i>	Gunnison	38.90	-106.97	9900	155
<i>Mountain Village</i>	San Miguel	37.93	-107.86	9600	120
<i>Nederland</i>	Boulder	39.96	-105.51	8230	70
<i>Newcastle</i>	Garfield	39.57	-107.54	5600	35
<i>Norwood</i>	San Miguel	38.13	-108.29	7010	35
<i>Nucla</i>	Montrose	38.27	-108.55	5790	25
<i>Oak Creek</i>	Routt	40.28	-106.96	7430	70
<i>Ophir</i>	San Miguel	37.86	-107.83	9700	125
<i>Ouray</i>	Ouray	38.02	-107.67	7790	<b>65</b>
<i>Pagosa Springs</i>	Archuleta	37.27	-107.01	7130	75
<i>Palmer Lake</i>	El Paso	39.11	-104.91	7300	65
<i>Paonia</i>	Delta	38.87	-107.59	5680	35
<i>Parker</i>	Douglas	39.52	-104.76	5870	45
<i>Pitkin</i>	Gunnison	38.61	-106.52	9220	<b>105</b>
<i>Poncha Springs</i>	Chaffee	38.51	-106.08	7470	45
<i>Ponderosa Park</i>	Elbert	39.40	-104.64	6680	55
<i>Pueblo</i>	Pueblo	38.25	-104.61	4690	30
<i>Pueblo West</i>	Pueblo	38.33	-104.74	4960	35
<i>Rangely</i>	Rio Blanco	40.09	-108.80	5230	<b>35</b>
<i>Red Cliff</i>	Eagle	39.51	-106.37	8750	85
<i>Rico</i>	Dolores	37.69	-108.03	8830	100
<i>Ridgway</i>	Ouray	38.15	-107.76	7050	40
<i>Rifle</i>	Garfield	39.53	-107.78	5350	<b>40</b>
<i>Roxborough Park</i>	Douglas	39.46	-105.08	6000	45
<i>Rye</i>	Pueblo	37.92	-104.93	6800	60
<i>Salida</i>	Chaffee	38.53	-106.00	7080	<b>45</b>
<i>San Luis</i>	Costilla	37.20	-105.42	7980	30
<i>Sawpit</i>	San Miguel	37.99	-108.00	7590	55

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City/Town	County	Latitude (deg)	Longitude (deg)	Altitude (ft)	Design Ground Snow Load ( $p_g$ ) (psf)*
Security-Widefield	El Paso	38.74	-104.72	5800	40
Sedalia	Douglas	39.44	-104.96	5840	<b>50</b>
Silt	Garfield	39.55	-107.66	5460	35
Silver Cliff	Custer	38.14	-105.45	7990	55
Silver Plume	Clear Creek	39.70	-105.73	9100	70
Silverthorne	Summit	39.63	-106.07	8760	<b>65</b>
Silverton	San Juan	37.81	-107.66	9310	105
Snowmass Village	Pitkin	39.21	-106.94	8210	90
South Fork	Rio Grande	37.67	-106.64	8210	70
Steamboat Springs	Routt	40.48	-106.83	6730	<b>85</b>
Sterling	Logan	40.63	-103.21	3940	30
Telluride	San Miguel	37.94	-107.81	8790	75
The Pinery	Douglas	39.44	104.74	6250	50
Thornton	Adams	39.87	-104.97	5350	40
Trinidad	Las Animas	37.17	-104.50	6030	45
Vail	Eagle	39.64	-106.37	8190	<b>90</b>
Vail, Mid- Mountain	Eagle	39.61	-106.37	10300	<b>175</b>
Victor	Teller	38.71	-105.14	9710	80
Walden	Jackson	40.73	-106.28	8100	45
Walsenburg	Huerfano	37.62	-104.78	6170	45
Ward	Boulder	40.07	-105.51	9150	75
Westcliffe	Custer	38.13	-105.47	7870	50
Westminster	Adams	39.84	-105.04	5380	40
Winter Park	Grand	39.89	-105.76	9050	<b>100</b>
Wolf Creek ski area base	Mineral	37.47	-106.79	10650	295
Woodland Park	Teller	38.99	-105.06	8480	85
Woodmore	El Paso	39.11	-104.85	7240	<b>65</b>
Yampa	Routt	40.15	-106.91	7880	60

\*Tabulated loads must be adjusted by Equation 1.1 where site altitude is greater than the tabulated altitude

**Table 1.1b Tabulated design ground snow loads ( $p_g$ ) for the state of Colorado (groups of communities)**

<i>Groups of Communities</i>	<i>Design Ground Snow Load (<math>p_g</math>) (psf)*</i>
<b>Communities east of Interstate Highway 25 and not otherwise tabulated</b>	
- below 4750 feet	30
- 4750 feet or above, but below 5250 feet	35
- 5250 feet or above, but below 5750 feet	40
- 5750 feet or above, but below 6250 feet	45
- 6250 feet or above, but below 6500 feet	50
<b>Denver suburban communities</b>	
- in Adams County, more than 1 mile west of S. Platte River	40
- in Adams County, more than 2 miles east of S. Platte River	40
- in Adams County, elsewhere	35
- in Arapahoe County, except east of Tower Road	40
- in Broomfield County	40
- in Douglas County, within 3 miles of Arapahoe County	45
- in Jefferson County more than 1 mile east of foothills	40
<b>Boulder County Communities not otherwise tabulated</b>	
- more than 1 mile east of foothills and north of Baseline Rd	35
- more than 1 mile east of foothills and south of Baseline Rd	40
<b>Conejos County Communities not otherwise tabulated</b>	
- below 7700 feet	25
<b>Costilla County Communities not otherwise tabulated</b>	
- below 7800 feet	25
<b>Delta County Communities not otherwise tabulated</b>	
- below 5500 feet	25
<b>Fremont County Communities not otherwise tabulated</b>	
- below 5400 feet	35
<b>Larimer County Communities not otherwise tabulated</b>	
- more than 1 mile east of foothills and south of Co. Rd 66	35
<b>Mesa County Communities not otherwise tabulated</b>	
- below 5000 feet	25
<b>Montrose County Communities not otherwise tabulated</b>	
- below 5500 feet	25
<b>Pueblo County Communities not otherwise tabulated</b>	
- below 4750 feet	30
<b>Saguache County Communities not otherwise tabulated</b>	
- below 7800 feet	25
<b>Weld County Communities not otherwise tabulated</b>	
- West of Interstate Highway 25	35
- East of Interstate Highway 25	refer to the general rules above

\*Tabulated loads must be adjusted by Equation 1.1 where site altitude is greater than the tabulated altitude