

Hailey Vicinity Snow and Water Levels

Information taken from:

www.nrcs.usda.gov

Date	Snow Water Equivalent	Current Roof Snow Load (lbs. per square foot)
9-Feb-19	7.4	38.48
10-Feb-19	8.3	43.16
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0

Comments:

- 1) Since there are no NRCS Stations located in Hailey, the values in the table above are mean values calculated from the Chocolate Gulch Ranger Station.
- 2) Formula used in the above calculation is $SWE \text{ (inches)} \times 5.2 \text{ (conversion factor)} = \text{Snow Load lbs. per square foot.}$
- 3) Today's buildings in Hailey are constructed to withstand a minimum of 100 lb. snow load. Older Structures (pre 1977) could have a roof system design where snow loads range from 40 lbs. to 80 lbs. depending on their age and quality of construction.
- 4) Older flat roofed structures are at greater risk and it is strongly advised that those roofs be shoveled when loads reach 60 lbs. per square foot.