Hailey Vicinity Snow and Water Levels

Information taken from:

www.nrcs.usda.gov

Date	Snow Water Equivalent	Current Estimated Roof Snow Load (lbs. per square foot)
1-Mar-23	12.5	65
2-Mar-23	12.5	65
6-Mar-23	12.9	67.08
6-Mar-23	13	67.6
10-Mar-23	14.3	74.36
10-Mar-23	14.4	74.88
10-Mar-23	14.8	76.96
13-Mar-23	14.9	77.48
14-Mar-23	15.4	80.08
15-Mar-23	16.7	86.84
17-Mar-23	16.6	86.32
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	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 (inches) X 5.2 (conversion factor) = 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.