Hailey Vicinity Snow & Water Levels
Information Taken From:
www.wcc.nrcs.usda.gov/snotel/Idaho/idaho.html

Date	Snow Water Equivalent	Current Roof Snow Load
1/17/12	3.2 inches	16.64 lbs. per sq. ft.
1/18/12	3.4 inches	17.68 lbs. per sq. ft.
1/19/12	3.9 inches	20.28 lbs. per sq. ft.
1/20/12	4.9 inches	25.48 lbs. per sq. ft.
1/21/12	5.6 inches	29.12 lbs. per sq. ft.
1/22/12	6.2 inches	32.24 lbs. per sq. ft.
1/23/12	6.2 inches	32.24 lbs. per sq. ft.

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 Sq. Ft.**
3. **Today's buildings in Hailey are constructed to withstand a minimum 100 lbs. snow load. Older structures (pre 1977) could have roof system design loads ranging 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 recommended that their roofs should be shoveled when the loads reach 60 lbs. per sq. ft.**