

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
2/1/10	5.5 inches	28.6 lbs per sq. ft.
2/2/10	5.5 inches	28.6 lbs per sq. ft.
2/3/10	5.5 inches	28.6 lbs per sq. ft.
2/4/10	5.6 inches	29.1 lbs per sq. ft.
2/5/10	5.6 inches	29.1 lbs per sq. ft.
2/8/10	5.7 inches	29.6 lbs per sq. ft.
2/9/10	5.7 inches	29.6 lbs per sq. ft.
2/10/10	5.7 inches	29.6 lbs per sq. ft.
2/11/10	5.7 inches	29.6 lbs per sq. ft.
2/12/10	5.8 inches	30.2 lbs per sq. ft.
2/15/10	5.9 inches	30.7 lbs per sq. ft.
2/16/10	5.9 inches	30.7 lbs per sq. ft.
2/17/10	5.9 inches	30.7 lbs per sq. ft.
2/18/10	6.0 inches	31.2 lbs per sq. ft.
2/19/10	6.0 inches	31.2 lbs per sq. ft.
2/22/10	6.0 inches	31.2 lbs per sq. ft.
2/23/10	6.0 inches	31.2 lbs per sq. ft.
2/24/10	6.0 inches	31.2 lbs per sq. ft.
2/25/10	6.1 inches	31.7 lbs per sq. ft.
2/26/10	6.1 inches	31.7 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.