

## **GNFAC Avalanche Advisory for Sat Dec 9, 2017**

Good Morning. This is Eric Knoff with the Gallatin National Forest Avalanche Advisory issued on Saturday, December 9<sup>th</sup> at 6:45 a.m. Today's advisory is sponsored by [Cooke City Motorsports](#) and [Gallatin County Search and Rescue](#). This advisory does not apply to operating ski areas.

### Mountain Weather

A stagnant weather pattern is creating strong temperature inversions. This morning, valley temperatures are 10-20 degrees colder than the mountains. A 5 a.m. mountain temps range from the mid-20's to low 30's F under clear skies. Winds are blowing 10-25 mph out of the W-NW with ridgetop gusts pushing 30 mph. Today, high pressure remains parked over the area producing sunny skies and relatively calm conditions. This calm and clear weather pattern will exist through the weekend.

### Snowpack and Avalanche Discussion



#### **Bridger Range**

Strong downslope winds continue to produce unusual loading patterns in the Bridge Range. Yesterday, the Bridger Bowl Ski Patrol closed sections of the Ridge due to heavy wind loading in mid-elevation terrain. Today, snow transport should be limited, but slabs that formed over the past few days will be scattered throughout the range. These slabs should be stiff and stubborn, but they could still fail under the weight of a skier or rider. Watch for and avoid thick wind drifts on the leeward side of ridgelines, gullies and cross loaded terrain features.

Today, heightened avalanche conditions exist on wind loaded slopes which have a **MODERATE** avalanche danger. Non-wind loaded slopes have a **LOW** avalanche danger.



#### **Gallatin Range   Madison Range   Lionhead Range   Cooke City**

Today, there isn't much new to report. Without a recent loading event, our generally stable snowpack remains in good shape. Yesterday, Alex ventured into Beehive Basin near Big Sky and found stable snow in his snowpits ([video](#)). He did observe a few wet loose slides on south facing slopes, but these were small and posed little threat. This is consistent with observations from Hyalite and the Cooke City area ([photo](#), [photo](#), [video](#)).

Aside from small wet loose slides and isolated wind slabs, there isn't much in the way of avalanche hazard. Although conditions are generally stable, now is no time to become complacent. It's important to remember that avalanches can still happen and even small slides can have severe consequences.

Today, a stable snowpack combined with stable weather will create generally safe avalanche conditions. For this reason the avalanche danger is rated **LOW**.

If you get out and have any avalanche or snowpack observations to share, drop a line via our [website](#), email ([mtavalanche@gmail.com](mailto:mtavalanche@gmail.com)), phone (406-587-6984), or Instagram ([#gnfacobs](#)).

## Upcoming Avalanche Education and Events

### Events and Education Calendar

#### BOZEMAN

Dec. 13, **Avalanche Awareness**, 6:30-8 p.m. at Gallatin Valley Snowmobile Association, 4-Corners

Jan. 12 and 13, **Companion Rescue Clinic**, [Info and Register](#)

Jan. 17, 18 and 20 or 21, **Introduction to Avalanches w/ Field Day**, [Info and Register Here](#)

Jan. 24, 25 and 27, **Advanced Avalanche Workshop w. Field Day**, [Info and Register Here](#)

Feb. 9 and 10, **Companion Rescue Clinic**, [Info and Register](#)

#### WEST YELLOWSTONE

Dec. 14 and 15, **Snowmobiler Introduction to Avalanches with Field Course**, [Info and Register Here](#)

#### COOKE CITY

8 and 9 December, **Current Conditions and Avalanche Rescue**, 6:30-7:30 p.m. Friday @ the Super 8, and anytime between 10-2 on Saturday @ Lulu Pass road.