

Recent avalanche activity? When and where? Fill out log.

The Bottom Line (Use simple language. Limit jargon. Focus primarily on travel advice. Recent avalanche activity and instructions to identify or avoid the hazard. This may be the place to state high or low level of confidence. Keep it short!)

Wind slabs formed over the past several days have become unlikely, but not impossible for a human to trigger. This is especially true where you'll find protected pockets of softer snow that escaped the impact of recent wind.

Isolated pockets of wind drifted snow from snow showers today may be found in the terrain and should be on your radar, though these are not expected to increase the danger rating.

Avalanche danger is LOW, generally stable conditions exist, but, like any day in the winter, this is not the day to ski solo or leave your avalanche beacon in the car.

Mountain Weather (brief **pertinent** weather from past 24 hours, today, tomorrow as they relate to hazards; critical changes to weather during the daylight or evening hours that create danger to public either from avalanche or environmental changes).

Yesterday, wind shifted to the west with speeds 30-40 mph increasing slowly throughout the day reaching 70-80 mph overnight. Some blowing snow was observed at the ridgetops but to a much lesser degree than observed Friday. The day was clear with temperatures in the single digits °F rising to the lower teens.

Today, morning snow showers (Moderate Snow at 5am) are forecast to end with a chance of snow showers again this afternoon. A trace to less than an inch is possible. West wind at 60-80 mph will decrease to 40-55 mph accompanied by a summit high temperature of 10°F. Overnight tonight another trace to less than one inch of snow is possible.

Tomorrow brings a slight chance of snow showers in the morning before clearing with temperatures in the low single digits °F. West wind 40-55 mph will increase through the day.

Primary Avalanche Problem (more pertinent details about avalanche type, sensitivity, spatial distribution, degree of certainty or other slide-for-life, icefall, crevasses. Include photos, videos, and observations or other tools to educate people about the problem and trend when possible)

Wind slabs remain a concern on larger, steeper slopes. Triggering one of these slabs is unlikely but not impossible. Look for hollow sounding pillows of snow that may appear smooth, but may also show some texture from the wind. Be on the lookout for the possibility of new slabs forming from new snow today. Snow totals are expected to be less than inch, and with the wind forecast we expect any new pockets to be isolated or unreactive.

Aspect/Elev. (when two concerns exist that are the same avalanche problem type, use the rose to locate the problem which is most likely to cause harm AND use text in Bottom Line section to locate and describe where both exist)

Sliders: (these should always match the definition of the danger rating, if it seems conservative, reconsider your danger rating for the day)

Wind Slabs. NE-S, Unlikely, Small

Secondary Avalanche Problem (or other slide-for-life, icefall, crevasses)

Aspect/Elev.

Sliders:

Forecast Discussion (raw data that relates to our hazard assessment, observations of relevant weather and further explanation of pertinent details. Also, restrained editorial comments that highlight relevant topics or trends in snow science, weather or public behavior.)

West and northwest wind up to 70 mph has worked to harden wind slabs formed Thursday and Friday of last week. In some locations, typically where these slabs are the thickest, these firm slabs are sitting on top of a weak layer above the Feb 6-7 rain crust. While this is a red flag, this configuration is generally more “red” when the hardness difference between the weak layer and slab is greater than it has been observed to be in the past few days. A good non-standardized snow test today to help identify the difference in hardness today is the Ski Pole Penetrometer test. In your travels, stick your ski pole down into the snowpack feeling for changes in density on the way down, and back up. In our current firm snow, handle first is best, but in softer snow basket first is more sensitive to subtle changes. If you find firm snow over soft snow today you’ve found the slabs of concern.

Additional Information (This doesn't need to go on PDF. Events, etc. can go here)

The Sherburne and Gulf of Slides ski trails are snow covered to Pinkham Notch, though this is changing by the day. Expect ice patches, opening stream crossings and the occasional bare patch.

Details on daily snowfall totals, precipitation type, total depth of snow and other information can be found on our page devoted to snow study plot data. Click [here](#) to check it out.

Recent snowpack and avalanche observations can be found [here](#) and on [Instagram](#). Your observations help improve our forecast product. Please take a moment and [submit](#) a photo or two and a brief description of snow and avalanche information that you gather in the field.