Whumps/Collapses in Beehive

Beehive Basin
Northern Madison
4/26/2024
Code
Latitude
45.34070
Longitude
-111.39100
Notes

From obs: "When setting out to Beehive Basin today we only imagined wanting to bail if rain line was at the trailhead, but had not expected our seasons long standing PWL to turn us around. With a few inches of snow at the trailhead and temps just at freezing we set out. The new snow yesterday/last night capped a warm snowpack, keeping the snowpack from freezing at all (no crusts or other signs of superficial freezes up to 9,2000ft where we bailed despite the mid-20's temps recorded overnight). Almost immediately out of the trailhead we got thunderous collapses so big we at first thought it was noise from control work at Big Sky. Further along we got collapses extending hundreds of feet out, valley wide and echoing up the basin. We dug to the bottom out of curiosity and found a saturated and unfrozen snowpack. The bottom 30cm was still all facets, giving the appearance that the remaining 90-110cm of consolidated snowpack was floating on air. We're assuming the whumps/collapses are traveling along this layer of basal facets. I'm sure once it gets a solid freeze things will be alright again, but will the new snow continue to insulate the snowpack the next few nights despite the forecasted solid freezing temps? Or is this only a phenomenon that happens the 1st night of new snow falling on a warm snowpack? "

Number of slides
0
Number caught
0
Number buried
0
Snow Observation Source
Whumps/Collapses in Beehive on a saturated snowpack
Slab Thickness units
centimeters
Single / Multiple / Red Flag
Red Flag
Advisory Year
23-24