



POST-FIRE / FLOOD AWARENESS

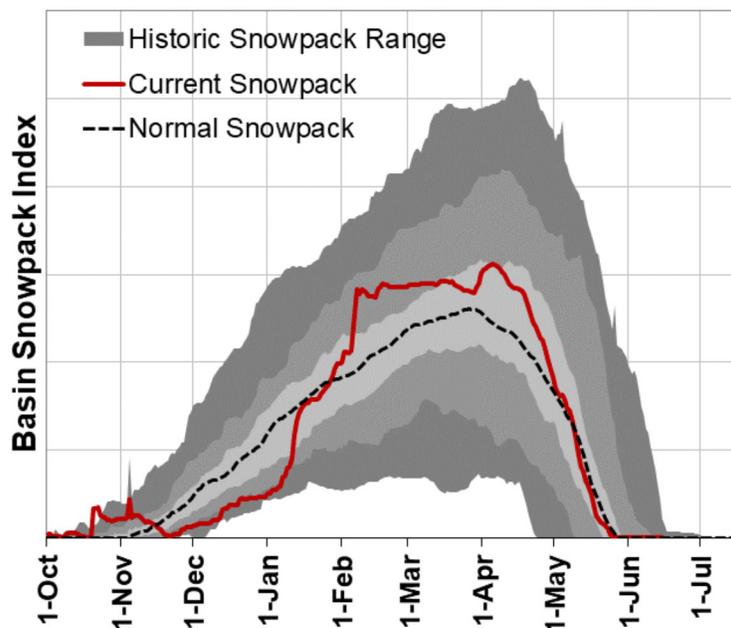
Grizzly Bear Fire—Troy, OR

Today's Summary for June 15, 2020

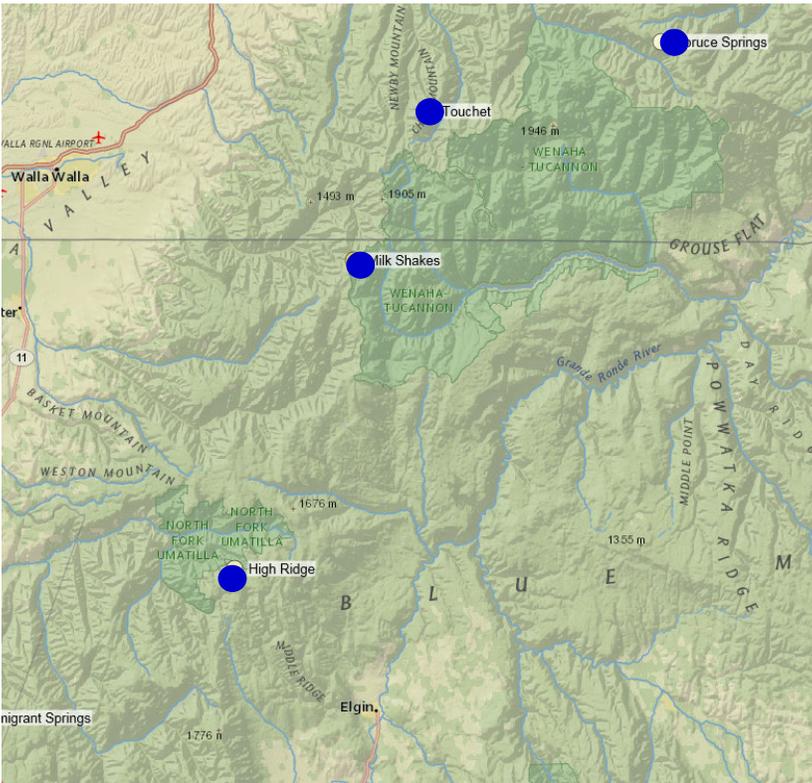
- The SNOTEL sites north and west of Troy, which border the Wenaha River Basin, have all melted out and have no snow. **This will be the final report for 2020 and the final report following 5 years of weekly monitoring of snow conditions for the Grizzly Bear Complex Fire.**
- Water year-to-date precipitation has ranged from 100% to 113% of average. The last 11 days have received well above normal amounts of precipitation ranging from 1.4 to 2.1 inches.
- The NWS mountain forecast calls for rain and showers through Tuesday night, then mostly clear and sunny through Sunday. High temperatures will be in the mid-50s warming to mid-70s by Sunday, with lows in the upper 30's warming to the 50s by Sunday. The NWS River Forecasting Center is not predicting significant flooding through next Wednesday.
- Snow density is simply (snow water equivalent/ snow depth) x 100%. Snow densities of 40% or greater are an indication that snowmelt is imminent. It will be important to watch NWS forecasts for heavy rain events during this time.

- Daily, consecutive decreases in snow water equivalent of 0.5 inches or greater, along with densities of about 40% or greater (typically during spring-time), can be an indicator that snowmelt may be imminent.

Mountain Snowpack



This graph shows today's mountain snowpack levels recorded at four NRCS snow telemetry (SNOTEL) sites bordering the Wenaha River Basin in northeastern Oregon.



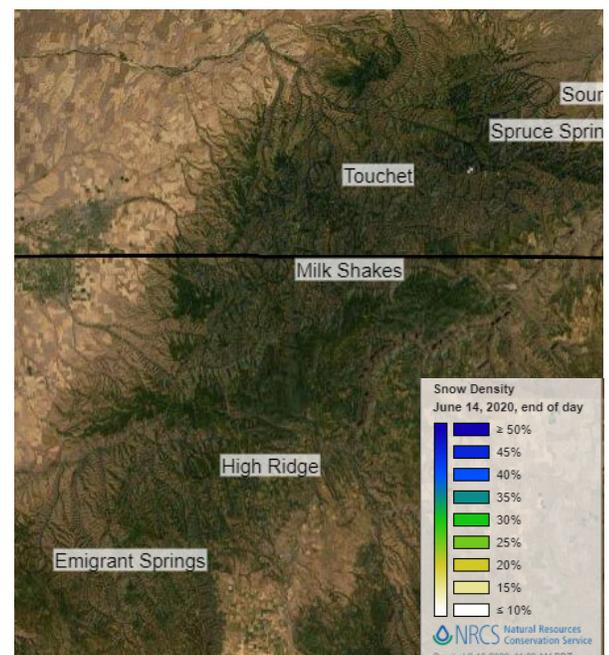
Where does the Grizzly Bear snow data come from?

The USDA Natural Resources Conservation Service has several snow measuring sites in the mountains north and west of Troy, shown here on this map. The four snow telemetry (SNOTEL) sites record data every hour. For the latest, real-time snowpack data, check the NRCS Snow Survey website.

Site	Elevation	Snow Water Equivalent inches	SWE % of Normal	Snow Depth inches	Snow Density %	Precipitation (Oct. 1 to date) inches	Precipitation % of Average	Midnight Air Temperature (Degrees F)
Spruce Springs	5,700	n/a	n/a	0	n/a	37.6	113%	42
Milk Shakes	5,580	0.0	n/a	0	n/a	70.7	n/a	40
Touchet	5,530	0.0	n/a	0	n/a	51.7	100%	42
High Ridge	4,920	0.0	n/a	0	n/a	52.0	113%	42

What's the current snow density?

This map shows the current snow densities at NRCS snow survey sites across the region. When snow density reaches 40% or more, there is a greater risk for flooding if a moderate or heavy rainstorm falls on top of that snow.



Get the latest data online at:
<https://go.usa.gov/xdNvt>
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