

Current Conditions 2025

Weather

After the warm fall of 2024, January shifted to colder weather but has not reached the conditions of last year's cold snap. The shift to colder weather was more gradual and less severe than last January. For precipitation, 2025 started off dry, and as of January 27th, the total precipitation for the month was well below average.

Snowpack

As of January 1st, snowpack conditions in the Okanagan were estimated to be 102% of normal (Figure 5). Although snow continued to accumulate throughout January, snow measurement stations are now below normal conditions (Figure 6). Snowpack levels are, in many cases, approaching where they were this time last year.

Seasonal forecasts for the Okanagan from both ECCC and NOAA are projecting wet conditions into the spring so snowpack *may* significantly accumulate into the spring,

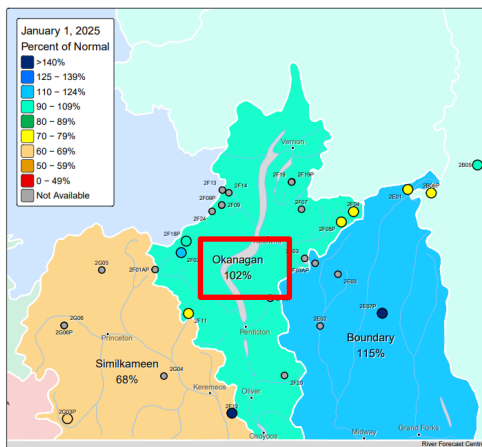


Figure 5 Provincial South Interior Snow Station Map Showing Percent of Normal⁵

⁴ January 1, 2025, Snow Bulletin https://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/river-forecast/2025_jan1.pdf

⁵ B.C. Water Data <https://bcmoe-prod.aquaticinformatics.net/>
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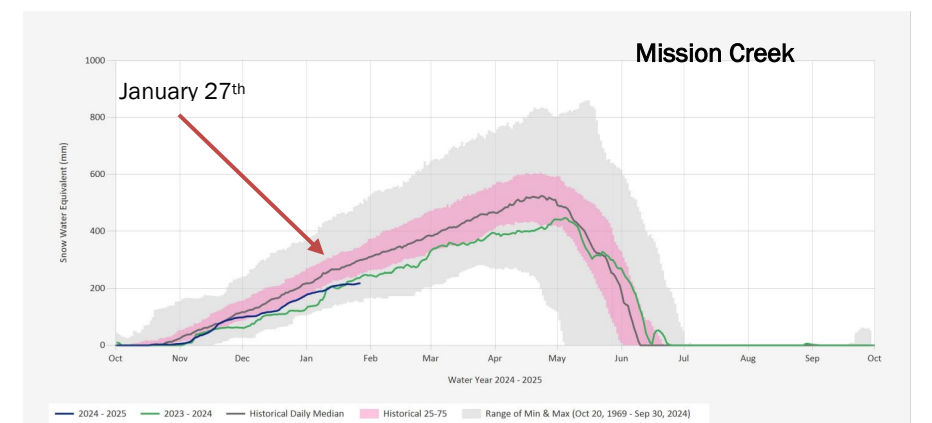
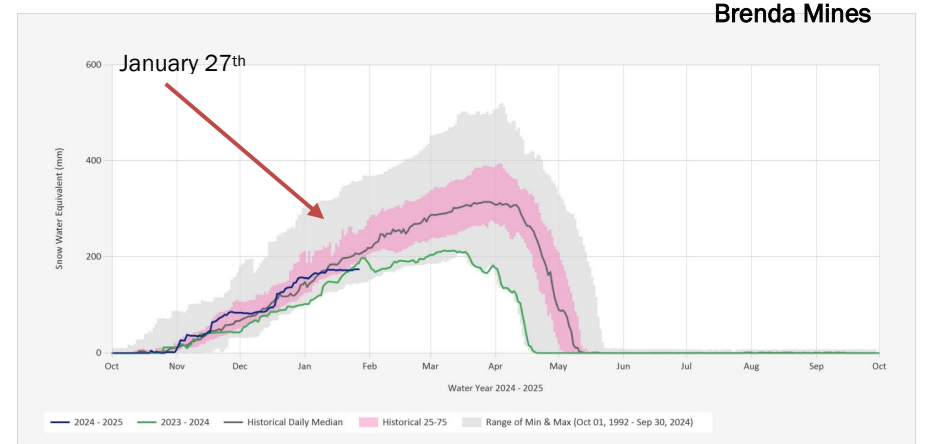
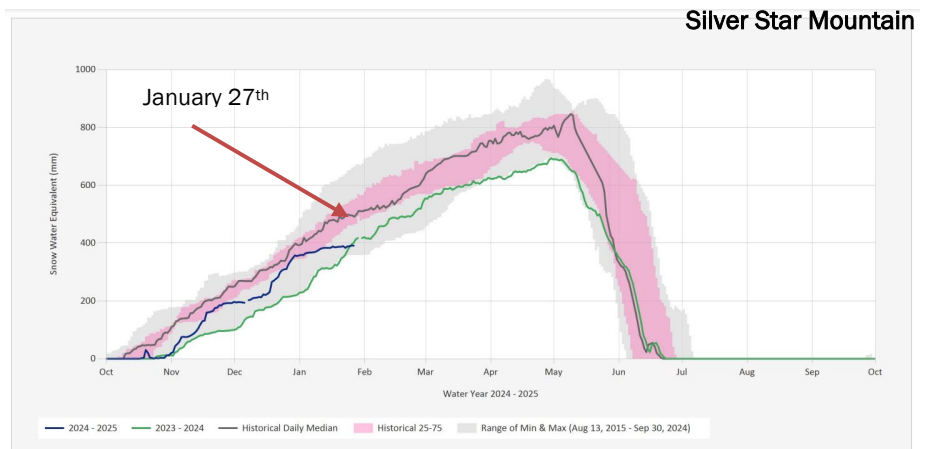


Figure 6 Weekly Snowpack Accumulation Across the Okanagan as of January 27th ⁶

Seasonal Forecast

Seasonal forecasts from Environment and Climate Change Canada (ECCC⁶) and the US National Oceanic and Atmospheric Administration (NOAA⁷) both predict wetter than normal conditions for the winter into the spring (Figure 7). The two organizations have different temperature forecasts with ECCC predicting above normal temperatures in the west, but NOAA is projecting below normal temperatures (Figure 8). Seasonal forecasting is highly challenging, so disagreement between models is not uncommon. Please note that figures 7 and 8 show different time periods, January to March for ECCC and February to April for NOAA which may explain some differences.

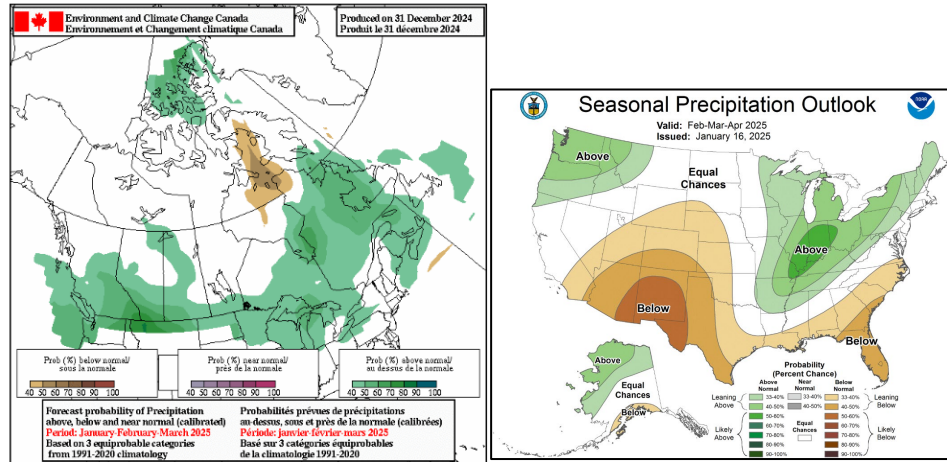


Figure 7 3-Month Seasonal Precipitation Forecast from ECCC⁷ (Jan-Mar) and NOAA⁸ (Feb-Apr). Green areas are projected to be wetter than normal and brown drier

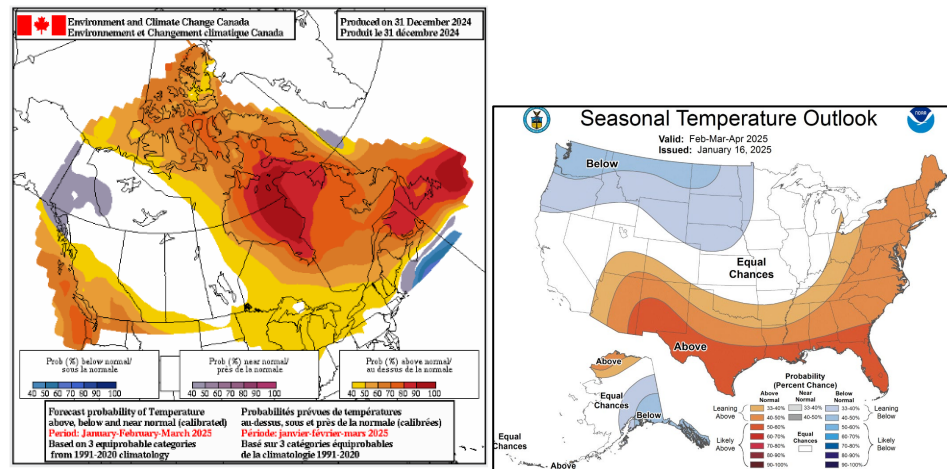


Figure 8 3-Month Seasonal Temperature Forecast from ECCC⁷ (Jan-Mar) and NOAA⁸ (Feb-Apr). Red areas are projected to be warmer than normal and blue areas colder

⁶ECCC 3-Month Seasonal Forecast https://weather.gc.ca/saisons/prob_e.html

⁷NOAA 3-Month Seasonal Forecast

https://www.cpc.ncep.noaa.gov/products/predictions/multi_season/13_seasonal_outlooks/color/churchill.php