

RESERVOIR LEVELS



Flood Risk Factor 3

Reservoir Levels

Rafferty Reservoir, Grant Devine (formerly Alameda Reservoir) and Lake Darling are all drawn down to at least their normal drawdown levels as prescribed in the 1989 agreement between the United States and Canada that governs the operations of the reservoirs. The current storage depths available in Rafferty Reservoir, Grant Devine, and Lake Darling are approximately 16feet, 20feet, respectively.

Because the reservoirs are drawn down, the system is in a good position to attenuate a high runoff event. As such, there is reduced risk of high peak flows in Minot.

There are four factors to consider when assessing the risk of spring flooding. Those factors are soil condition, snowpack, reservoir levels, and the long-term precipitation forecast

