Foot Bridge (BR9)


Average daily temperature from 2008-2015 (IDEQ) compared to data in 2018-2019 (spinning reserve study) at the Foot Bridge (BR9). Summer peak temperatures in 2018 are slightly warmer than the average, but within the range of historical data. The peak in 2018 is the spinning reserve release, warming the average daily temperature.


Maximum temperature recorded for each day across years from 2008-2015 (IDEQ).


Average daily temperatures above Grace Dam. BR1 is immediately below Soda Dam, BR2 is just above Grace Reservoir.


Comparing average daily temperatures of Soda to the Foot Bridge.

Max Daily Temperature



Comparing daily peak temperatures from Soda and the Foot Bridge. Peak temperatures from Soda drop below peak temperatures at the Foot Bridge as a result of the thermal mass of Alexander Reservoir.


An example of a release into the bypass reach and the effect on temperature. Results indicate peak temperature stays consistent, but minimum temperatures increase.

