



High soil temperature data archive

Weise Data Overview

The soil temperature data provided by Weise is from approximately 30 years of temperature sampling as part of a research program directed by Stephen Sackett and Sally Haase.

The Excel summary spreadsheet is all the pre-condition type information that is associated with each of these burns. The actual temperature datasets are soil temperatures only, with some information at the top of the worksheet sheet. Because they are many files and each one was downloaded from a separate data logger, each profile has its own separate excel file.

The 'Site ID' follows the burn number and the soil profile, for example 2204 means RX burn 22, soil 4. Unless otherwise indicated the temperatures were always under mature Pine (Ponderosa, Sugar, or Jeffrey) if indicated that it was a "pole" or "dog hair" it just means that their DBH's were less than 18 inches. Some of the temperatures occurred at "mid duff" or 'low duff' depths. Those thermocouples were bent upwards out of the soil and into the duff. Some of the early burn thermocouple depths are estimates, however as the research project progressed the thermocouple depth measurements became more accurate.

These data have not been published in any document other than PSW-GTR-131 (provided).

Missing Data: Noted in files when present.

<https://www.fs.fed.us/rmrs/projects/high-soil-temperature-data-archive>