Jaclyn Wise

From: GMA8 . <gma8@gma8.org>
Sent: Monday, November 17, 2025 2:41 PM
Subject: Williamson County Sensitivity Analysis
Attachments: run_4.1b_dfc_wilco_pt5_sens.xlsx

In the attached spreadsheet, the decadal drawdowns by District/County/Aquifer are presented in the first two sheets, where:

1. Sheet 4.1b contains drawdowns from run 4.1b
2. Sheet 4.1bWilco50pct contains drawdowns from a sensitivity run where pumping in Williamson County was decreased by 50% for all decades, so we took Williamson County pumping in 4.1b and multiplied by 0.5.

The third sheet, "difference", shows the difference in the drawdowns between the base 4.1b case and the sensitivity case. Positive numbers indicate the decrease in drawdown for the sensitivity case. For example, decreasing the pumping by 50% in Williamson County reduced the 2080 drawdown in the Hosston in Williamson county from 849 feet to 629 feet, a change of 220 feet.

A positive percentage means the drawdown was reduced by said percentage as a result of the reduce in production in Williamson County. One caveat with the percentages, for any small drawdowns in 4.1b (e.g. less than 1 foot), the percentage will not be accurate because it drops below the precision of the simulation/calculation. For example, Clearwater/Paluxy in 2020.

Sincerely,

Paul M. Sigle
General Manager

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