

## Air Quality in Rural Sanpete County

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Rural areas present an unknown quantity in Utah air quality. With a growing population in counties surrounding the Wasatch Front, several of them will soon approach the level of population that mandates monitoring for criteria pollutants. We present 1 year of measurements of NO, NO<sub>x</sub>, O<sub>3</sub>, CO, PM<sub>2.5</sub>, and SO<sub>2</sub> from Ephraim in Sanpete county and examine back-trajectories for case studies over the course of the year of data.