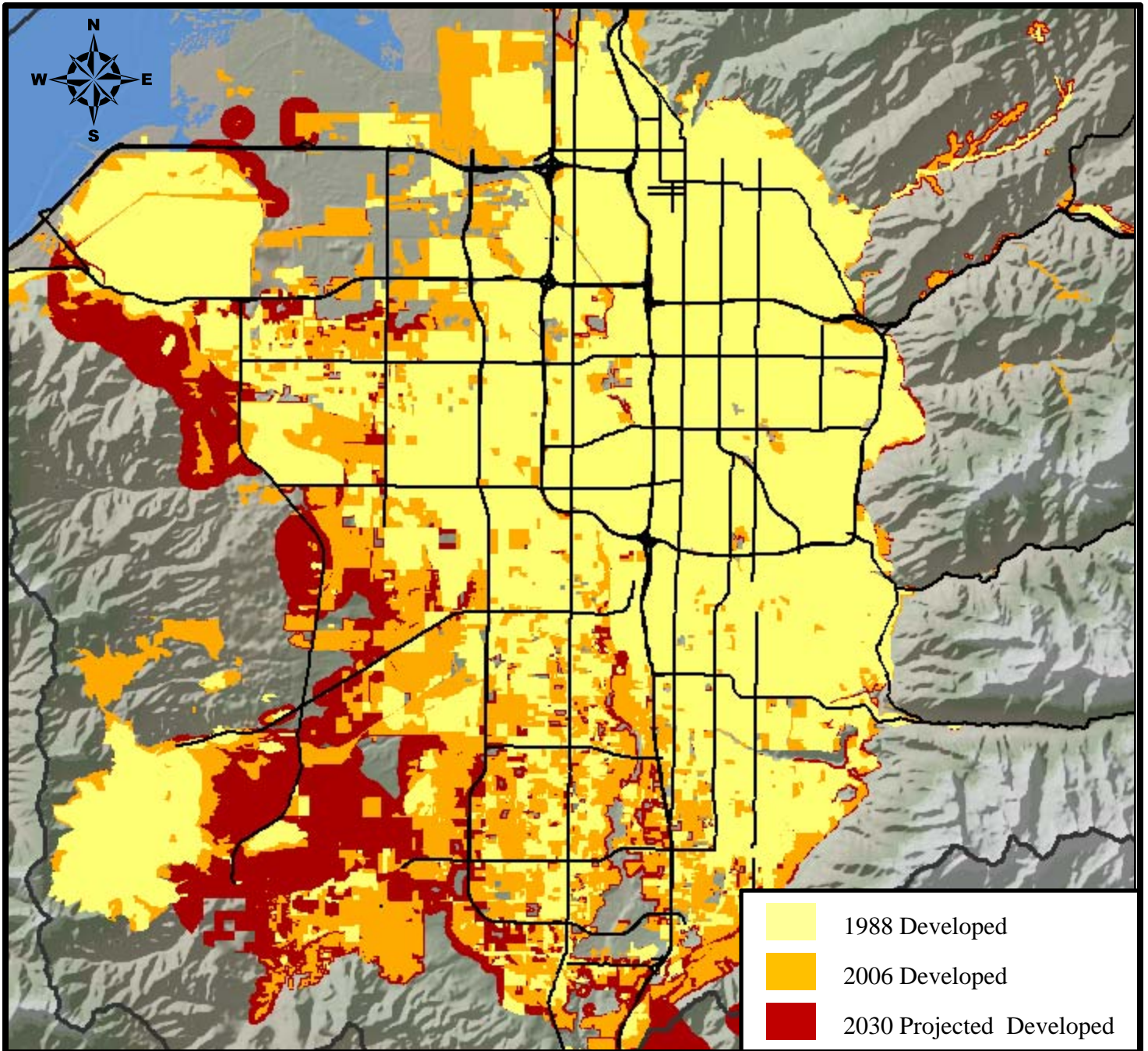


Historic Patterns vs. Future Projections

Using remotely sensed data provided by the Division of Water Resources, land cover data from different years were compared to show how development patterns in the past compare to future projections from the Statewide Travel Model. This provided historical data for people per acre densities and how those densities have changed.

Salt Lake County

Salt Lake County was analyzed using data from 1988 and 2006, a span of 18 years. Density was 5.3 and 5.4 people per developed acre in both of those years (respectively). The map below represents 2030 at 6.6 people per developed acre assuming a projected population of 1,468,615 in 2030. A continued 5.4 people per acre would increase this illustration by over 73 square miles.



Historic Change: Saint George and Surrounding Area 1991, 2007, 2030

Saint George and the surrounding areas were analyzed using data from 1991 and 2007, a span of 16 years. Density was 3.3 and 3.4 people per developed acre in both of those years (respectively). The following map depicts 2030 at 4.4 people per developed acre assuming a projected population of 415,510. If population per acre remained stable, an additional 56 square miles would need to be added to this projection.

Logan and Surrounding Area 1986, 2006, 2030

Logan and the surrounding areas were analyzed using data from 1986 and 2006, a span of 20 years. Density was 3.5 and 3.3 people per developed acre in those years (respectively). The map on the following page depicts 2030 at 3.12 people per developed acre assuming a projected population of 181,921. If density remains at a stable 3.3 people per acre it would reduce the illustrated land development projection by nearly 5 square miles.

