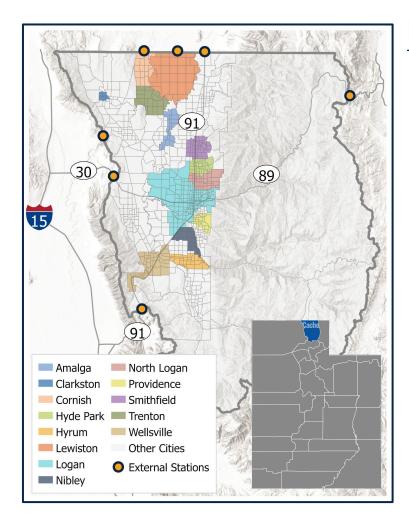


Cache Travel Demand Model



SOFTWARE

Model Software: Cube 6.4.5

ArcGIS version: 10.6Platform: Cube Catalog

MODEL CHARACTERISTICS

Model Status: Released

• Model Type: Trip-based

Geographic Projection: NAD 1983 UTM Zone 12

Scenario Years

o 2019 (base year), 2023 (plan opening year), and 2028 (STIP year)

o Plan Years: 2032, 2042, 2050

Model day: average weekday

Time Periods: AM, midday, PM, evening, and daily

Internal TAZs: 943 (1-943) & External Stations: 9 (980-988)

• **Trip Types:** internal resident, visitor, recreation, external, and commercial (light, medium, and heavy trucks)

Unique Components

College: Utah State University

Seasonality: Spring/Fall, Winter, Summer built into model.

Spring/Fall only calibrated season.

External forces: telecommute, eCommerce, CAVs

Recreation: functionality built in but no destinations modeled.

• Current version: v3.1 2024-02-19

• Run Time: ~30 minutes

• **Subarea ID:** 2 (used for the statewide model)

POINT OF CONTACT

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