

Streamflow Trend Analysis

Daily Streamflow Data (40 years)

Mann-Kendall

Sen's Slope

Cumulative Sum (CUSUM)

Pettitt's Test

Low Flow Frequency Analysis

7 d Mean Annual Minimum

Probability Distribution

Return Period

Minimum Storage Draft-Rate

Monthly Streamflow

Cumulative 50% Mean Annual Flow

10-year

Minimum Storage Required

Threshold Analysis

Flow Duration Curve

Probability of Excess

Threshold Level (90th Percentile)

Hydrological Drought Analysis

Pooling Procedure

7 d Moving Average

Minor Drought Removal

Drought Events

Duration

Deficit