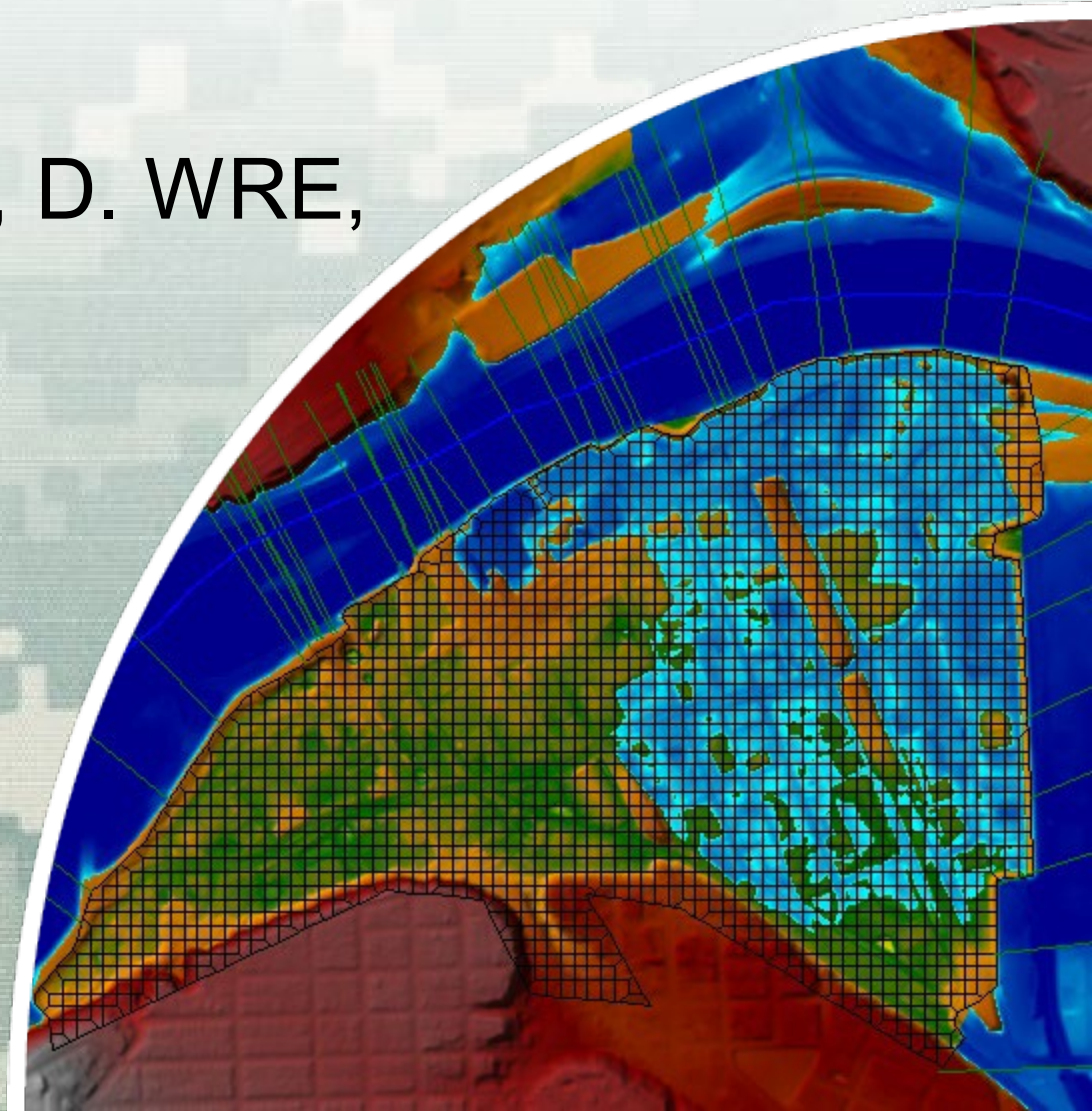# Gridded Precipitation and Infiltration

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Spatial Precipitation

- ## Gridded Data

  - HEC-DSS file format (from HEC-MetView)
  - GRIB - NWS
  - NetCDF - NWS

- ## Point Gage Data

  - HEC-DSS time series
    - Regular Interval
    - Irregular Interval
  - User Entered into a Table

Unsteady Flow Boundary Conditions

Gridded Data

Point Gage Data

Point Gage Data

Cumulative Rainfall

Rainfall Time Series Plots
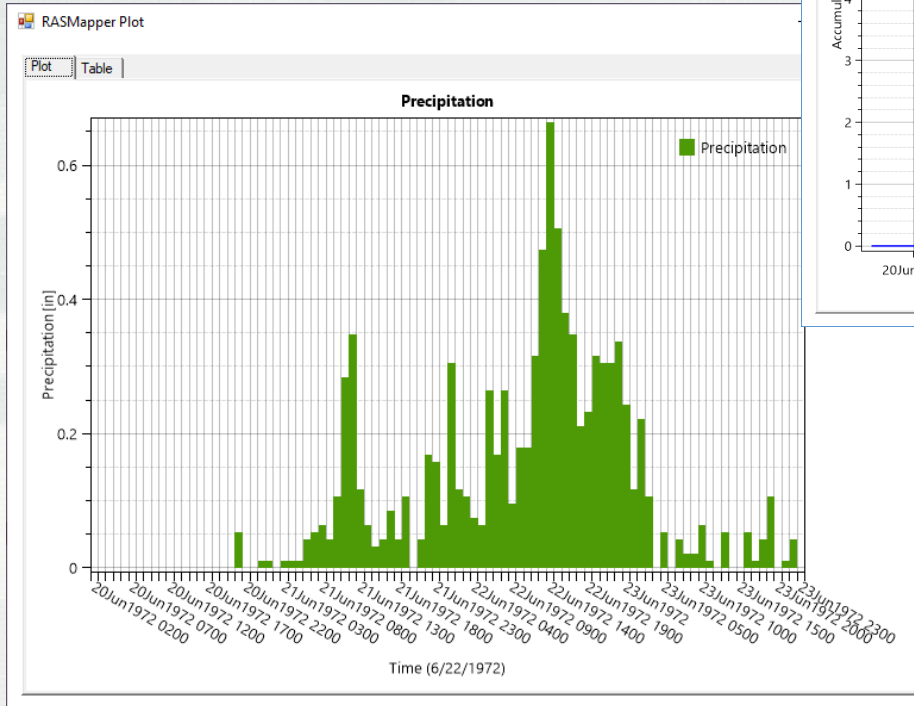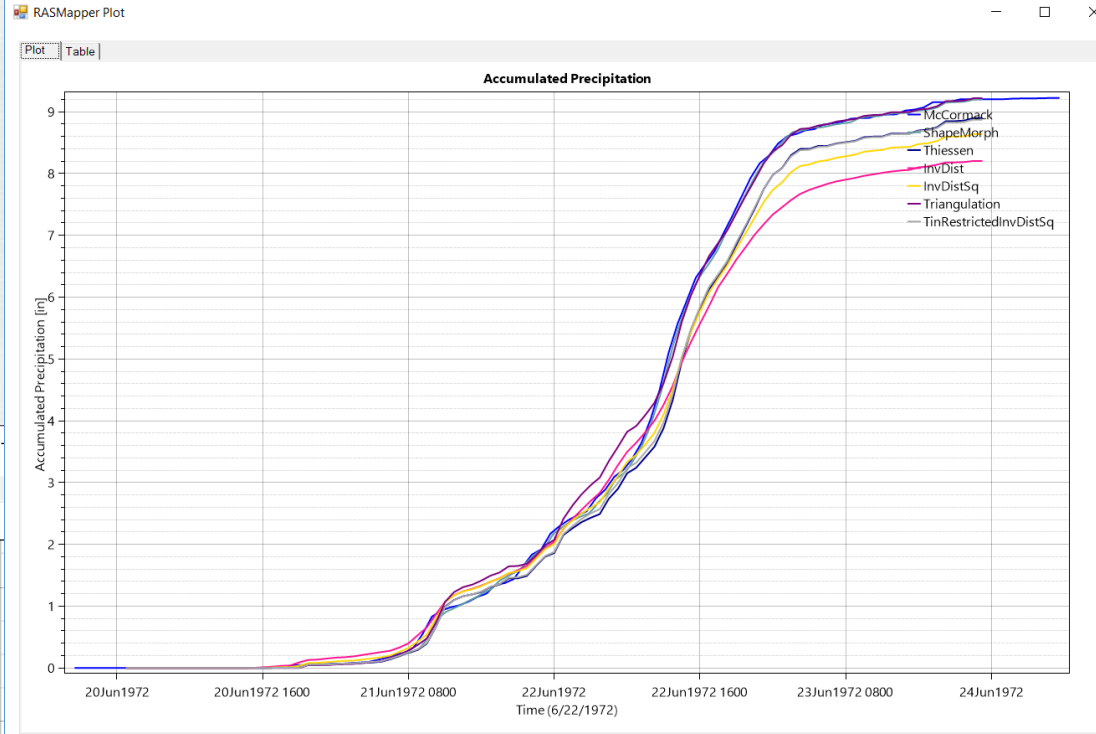
PMP Example

Spatial Infiltration

- Three Methods
  - Deficit – Constant method
  - SCS Curve Number
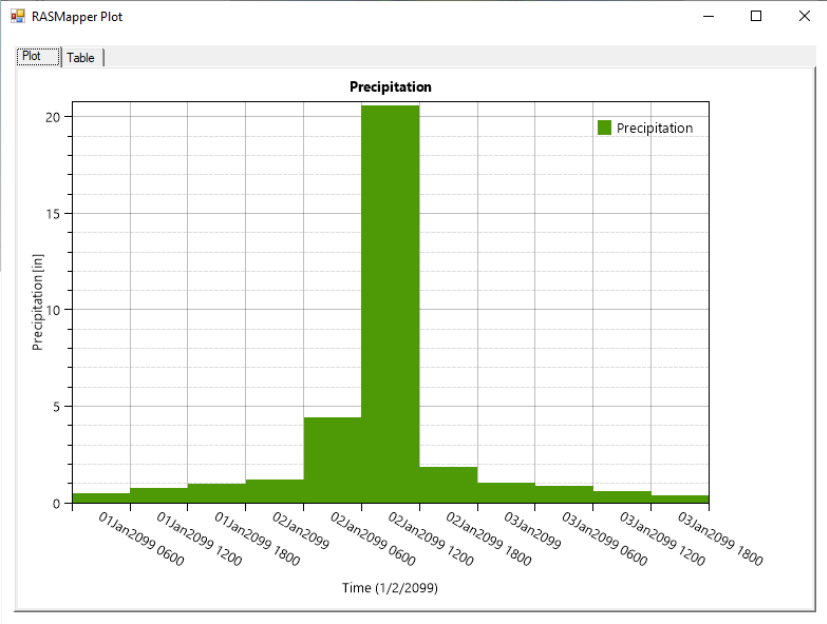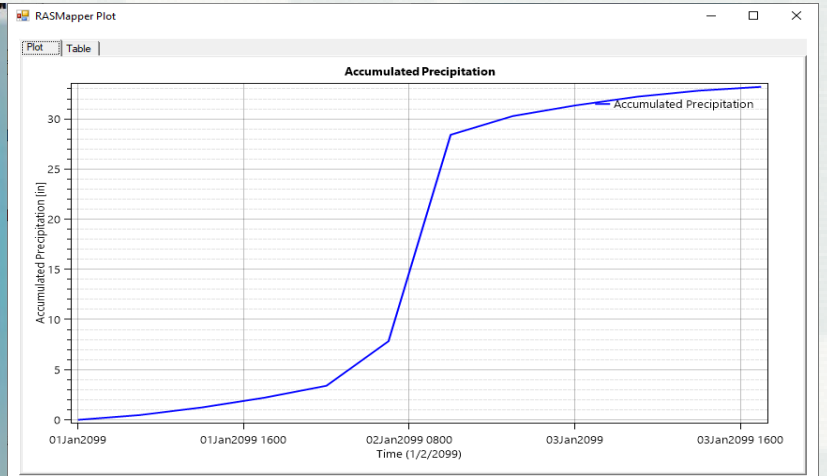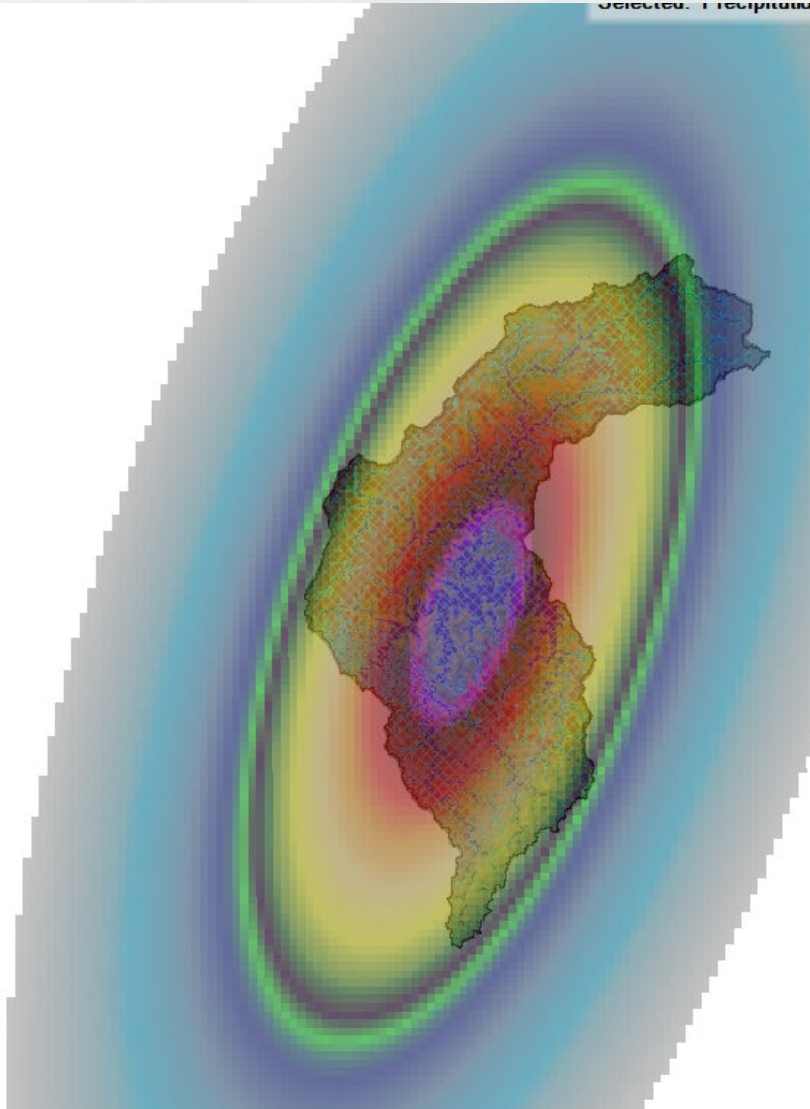 - Green and Ampt
- Spatial Data
  - Soils
  - Land cover
- Other Optional Data
  - Evapotranspiration
  - Mean Monthly Pan evaporation data

Gridded Precipitation example
HEC-RAS