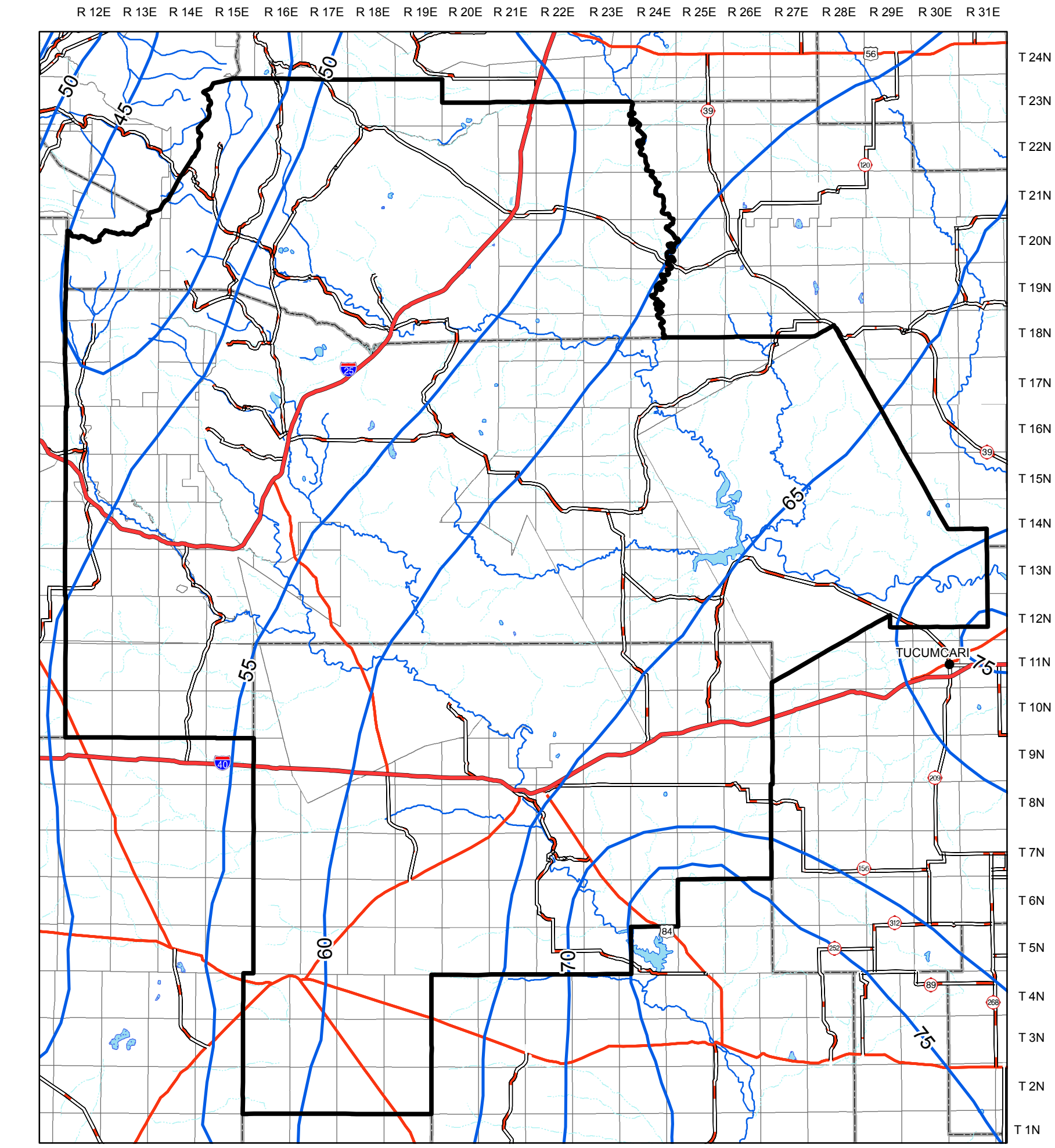
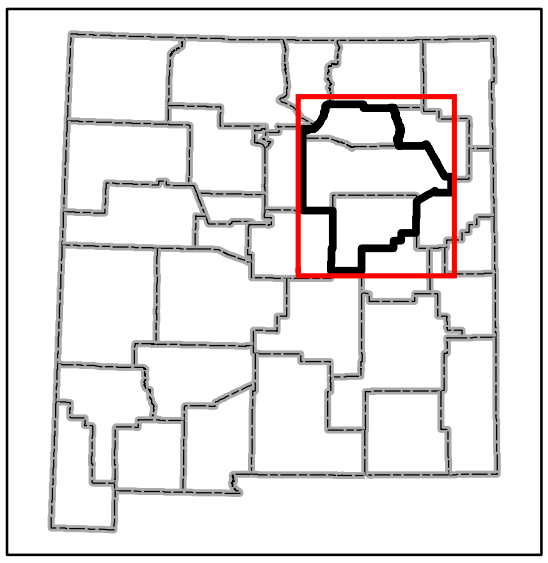
Figure B-6

Mora - San Miguel - Guadalupe Water Plan

Average Annual Free Water Surface Evaporation Rate





Legend

- City or Town
- Planning Region
- State Boundary
- County Boundary
- Intermittent Stream
- Perennial River
- Intermittent water body
- Perennial water body
- Interstate
- State Road or Highway
- U.S. Highway
- Township/Range
- Evaporation Isopleths (Inches)

0 12.5 25 50 Kilometers

0 12.5 25 50 Miles

N
W E
S

Produced by New Mexico Water Resources Research Institute, June 2004

Base map prepared by the U.S. Geological Survey

Compiled from digital data provided by the New Mexico Resource Geographic Information System Program (RGIS). Original base maps digitized from 1:500,000 mylar sheets and 100,000 paper maps for New Mexico. These data meet National Mapping Accuracy Standards for 1:500,000 and 1:100,000 scale maps. Boundary of the Mora-San Miguel-Guadalupe Water Planning Region is based on the New Mexico county boundaries. The cadastral accuracy of the county boundaries was verified by the use of 1:100,000 Public Land Survey System (PLSS) from RGIS. This data set contains the evaporation isopleths of the state of New Mexico. The data set was created to digitally represent the average free surface water evaporation of the state of New Mexico between the years of 1931 and 1960. The original source of the data set came from National Oceanic and Atmospheric Administration (NOAA). NOAA Technical Report NWS33, Map 3: Annual FWS Evaporation. Publication date: 19910103. Earth Data Analysis Center manually digitized from the NOAA 1:500,000 scale map of the state of New Mexico.

Horizontal accuracy: At the scale of 1:800,000, at least 90 percent of the points tested are within 1/30th inch (0.0333 inch), or 677 ground meters, of their true location.

Projection: Universal Transverse Mercator, Zone 13, Units meters, NAD83.