CE 3354 Engineering Hydrology
Exercise Set 3

Exercises

1. Estimate the monthly evapotranspiration depths for Dallas (Tarrant County), Houston (Harris County), and San Angelo (Concho County) area using the Blaney-Criddle method.[1]

2. Estimate the monthly evapotranspiration depths for the San Angelo (Concho County) area using the Thornwaithe method.[2]

3. Locate grid cells 506,410, and 812 at the TWDB lake evaporation database. Determine the long term monthly evaporation rates for the three cells. Compare these rates to the estimates you made above. These cells correspond approximately to

   - 506 == San Angelo

   - 410 == Dallas

   - 812 == Houston

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[1] A Google search should get you sufficient guidance to perform this exercise.
[2] A Google search should get you sufficient guidance to perform this exercise.