

Homework #4: Precipitation

1. Obtain a picture of a precipitation gage in its native environment. Evaluate its placement with respect to all possible error sources, and hypothesize on the effect of these errors on precipitation measurement.
2. Find several relatively long precipitation gage time series from the same area (HydroDesktop may be a good source), and analyze one of the station's consistency using a mass curve.
3. Compare a gage time series with a nearby NEXRAD radar precipitation timeseries. Are they very different?