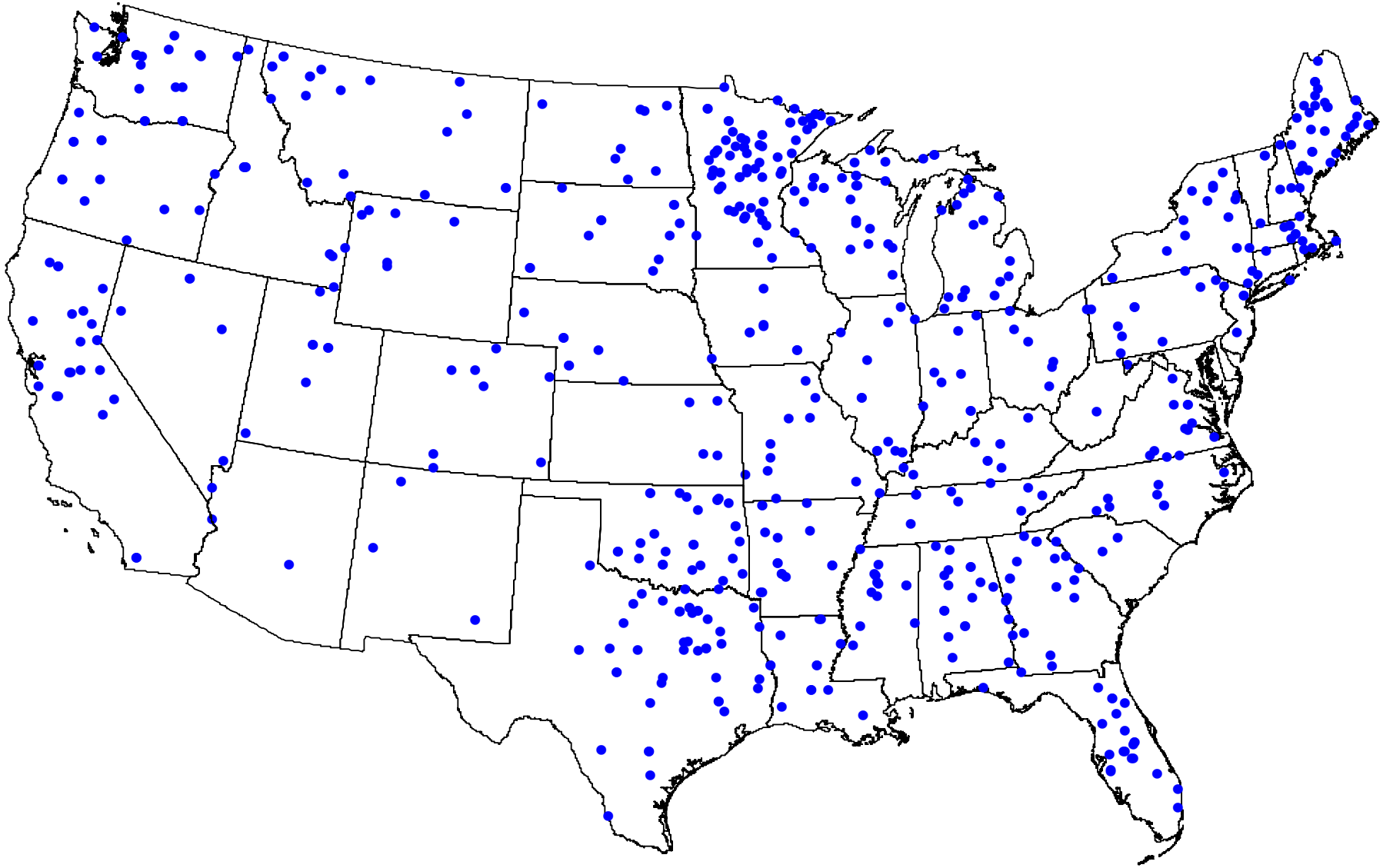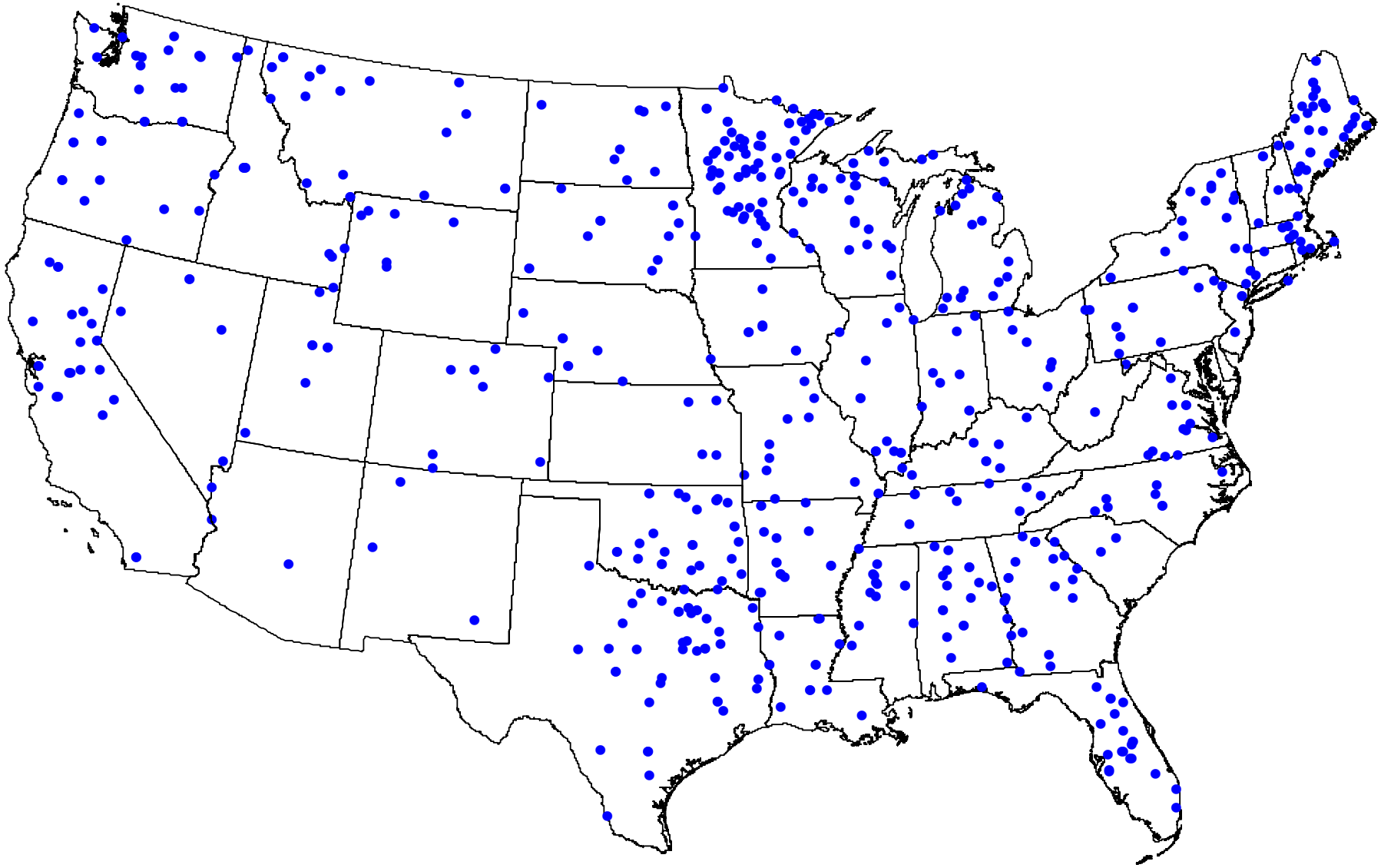500 Sampling Locations