

Next follows the final table, which requires but little additional explanation. The secular changes at the county-seats were obtained by proper combinations of the values given in the auxiliary table, and the values of the declination for 1900 at the county-seats were derived from the observations made by me in 1896¹ and reduced to the year 1900, as given in Table XIII. The quantities are given in degrees and minutes for the surveyor's convenience, and being tabulated for every five years, interpolations can readily be made. The problem confronting the land surveyor, when called upon to re-run old compass lines, has thus been simplified to the utmost. In no other state has the information been so thoroughly systematized.

¹The values for Rockville and Chestertown were obtained from observations made in 1897. As no observations have as yet been made at Denton, it was necessary to adopt a value resulting from a consideration of the observations made in the vicinity.