



Geochemical and Mineralogical Maps for Soils of the Conterminous United States

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U.S. Department of the Interior
U.S. Geological Survey

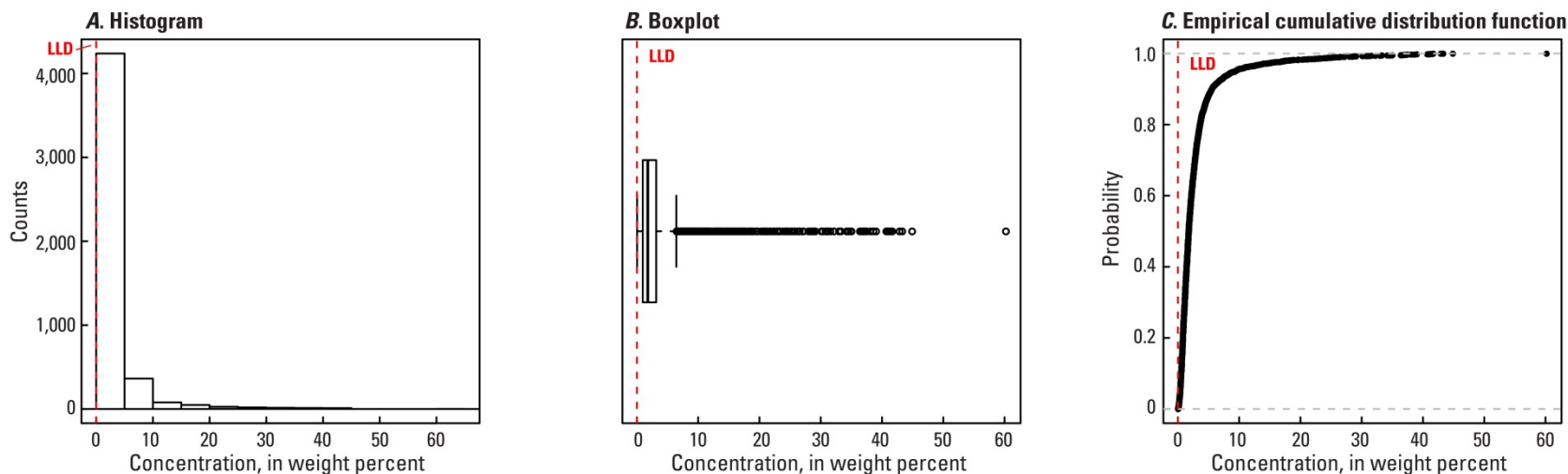
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These maps and statistical graphics were derived from data published in U.S. Geological Survey Data Series 801, downloadable from <http://pubs.usgs.gov/ds/801>.

Total carbon (C) in soil A horizon



Number of samples = 4,810
 LLD = 0.01 weight percent
 Number below LLD = 0
 Minimum = 0.04 weight percent
 5 percentile = 0.38 weight percent
 25 percentile = 0.96 weight percent
 50 percentile = 1.78 weight percent
 75 percentile = 3.15 weight percent
 95 percentile = 9.34 weight percent
 Maximum = 60.2 weight percent
 MAD = 1.43 weight percent
 Robust CV = 80.6 %

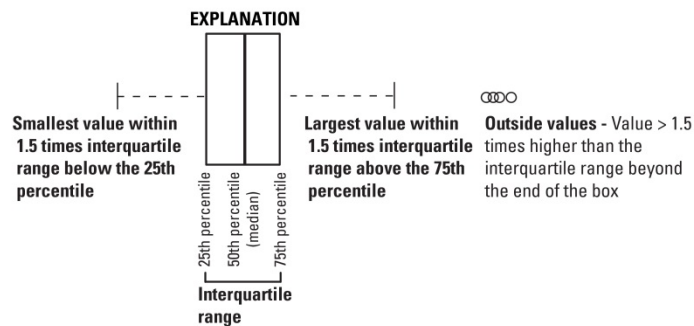


Figure 26. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of total carbon (C) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent).

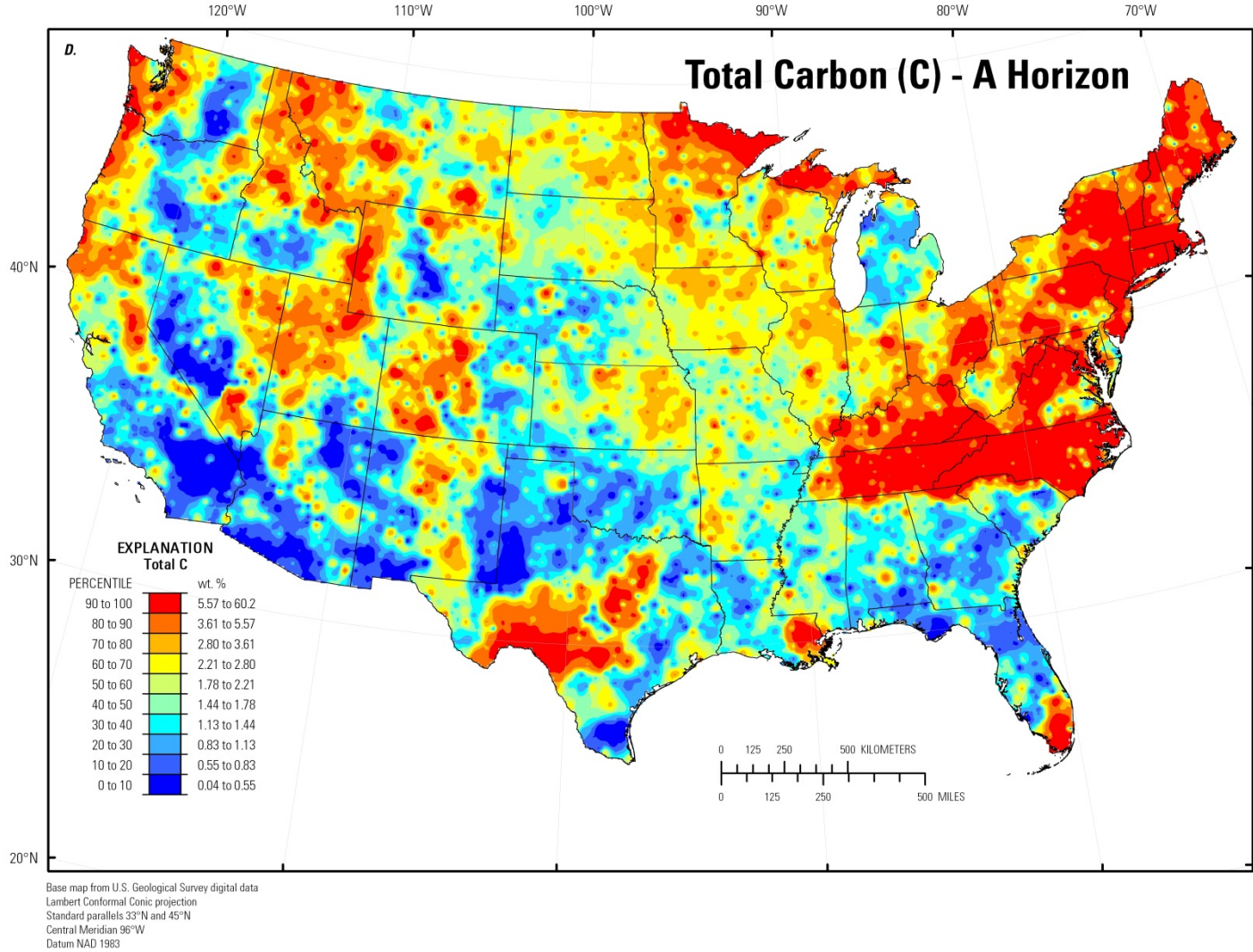
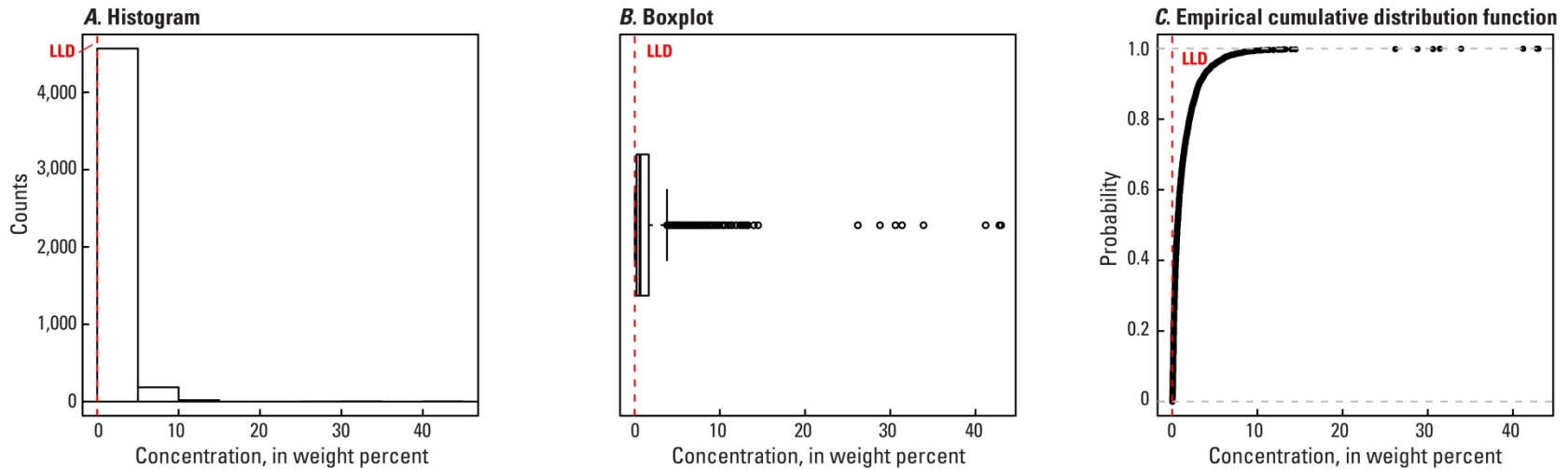


Figure 26. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of total carbon (C) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent).—Continued

Total carbon (C) in soil C horizon



Number of samples = 4,777
 LLD = 0.01 weight percent
 Number below LLD = 4
 Minimum = <0.01 weight percent
 5 percentile = 0.08 weight percent
 25 percentile = 0.22 weight percent
 50 percentile = 0.62 weight percent
 75 percentile = 1.65 weight percent
 95 percentile = 4.63 weight percent
 Maximum = 43.0 weight percent
 MAD = 0.712 weight percent
 Robust CV = 115 %

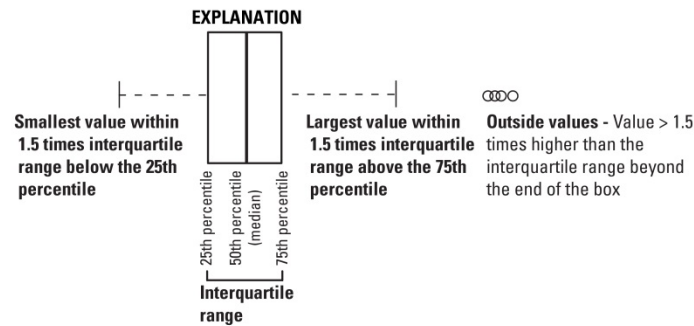


Figure 27. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of total carbon (C) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent).

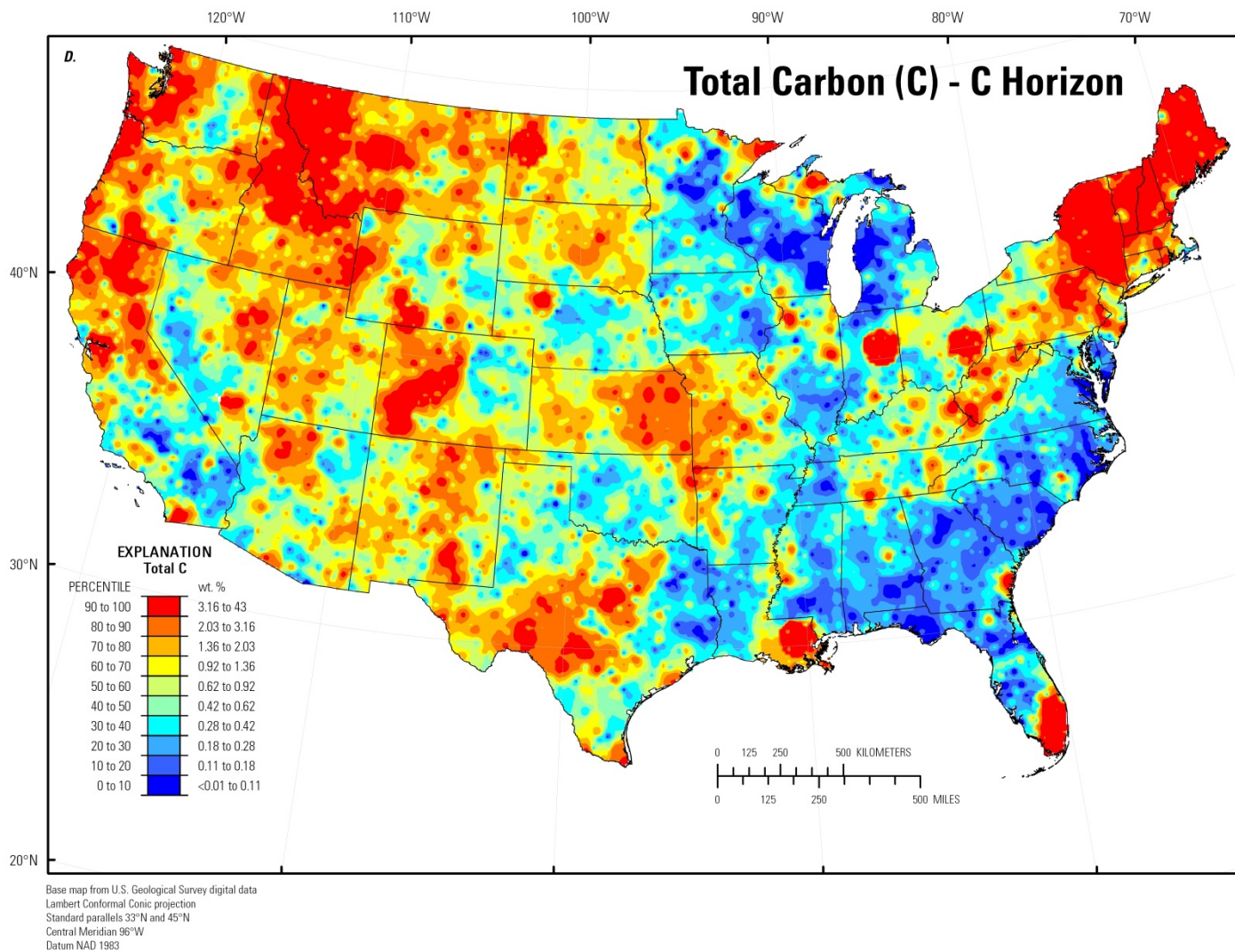


Figure 27. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of total carbon (C) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; wt. %, weight percent).—Continued