



Geochemical and Mineralogical Maps for Soils of the Conterminous United States

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U.S. Geological Survey**

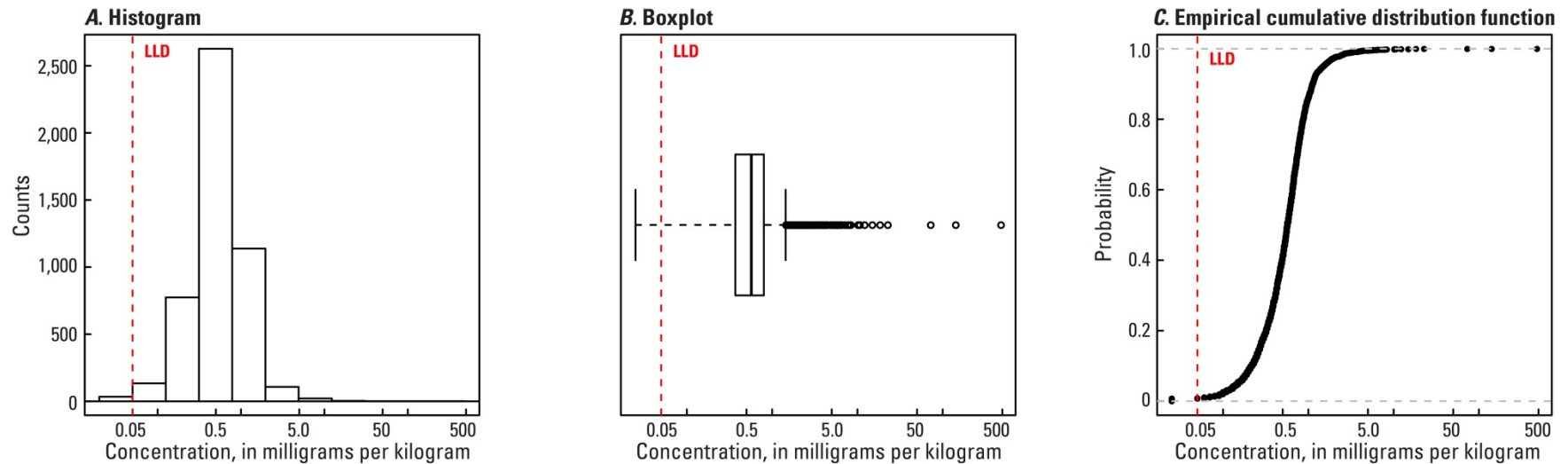
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These maps and statistical graphics were derived from data published in U.S. Geological Survey Data Series 801, downloadable from <http://pubs.usgs.gov/ds/801>.

Antimony (Sb) in soil collected from a depth of 0 to 5 centimeters



Number of samples = 4,841
 LLD = 0.05 milligrams per kilogram
 Number below LLD = 34
 Minimum = <0.05 milligrams per kilogram
 5 percentile = 0.15 milligrams per kilogram
 25 percentile = 0.37 milligrams per kilogram
 50 percentile = 0.57 milligrams per kilogram
 75 percentile = 0.80 milligrams per kilogram
 95 percentile = 1.49 milligrams per kilogram
 Maximum = 482 milligrams per kilogram
 MAD = 0.311 milligrams per kilogram
 Robust CV = 54.6 %

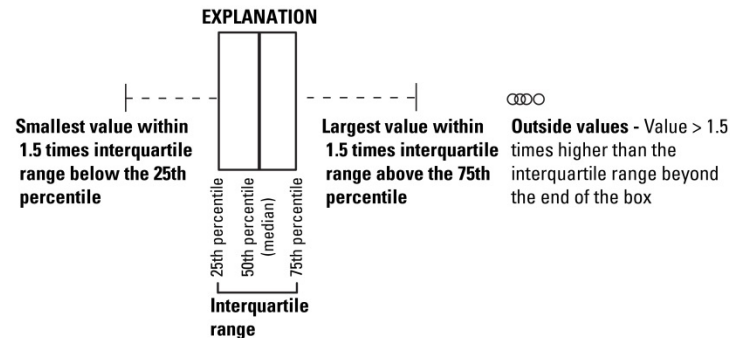


Figure 5. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of antimony (Sb) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram; cm, centimeters).

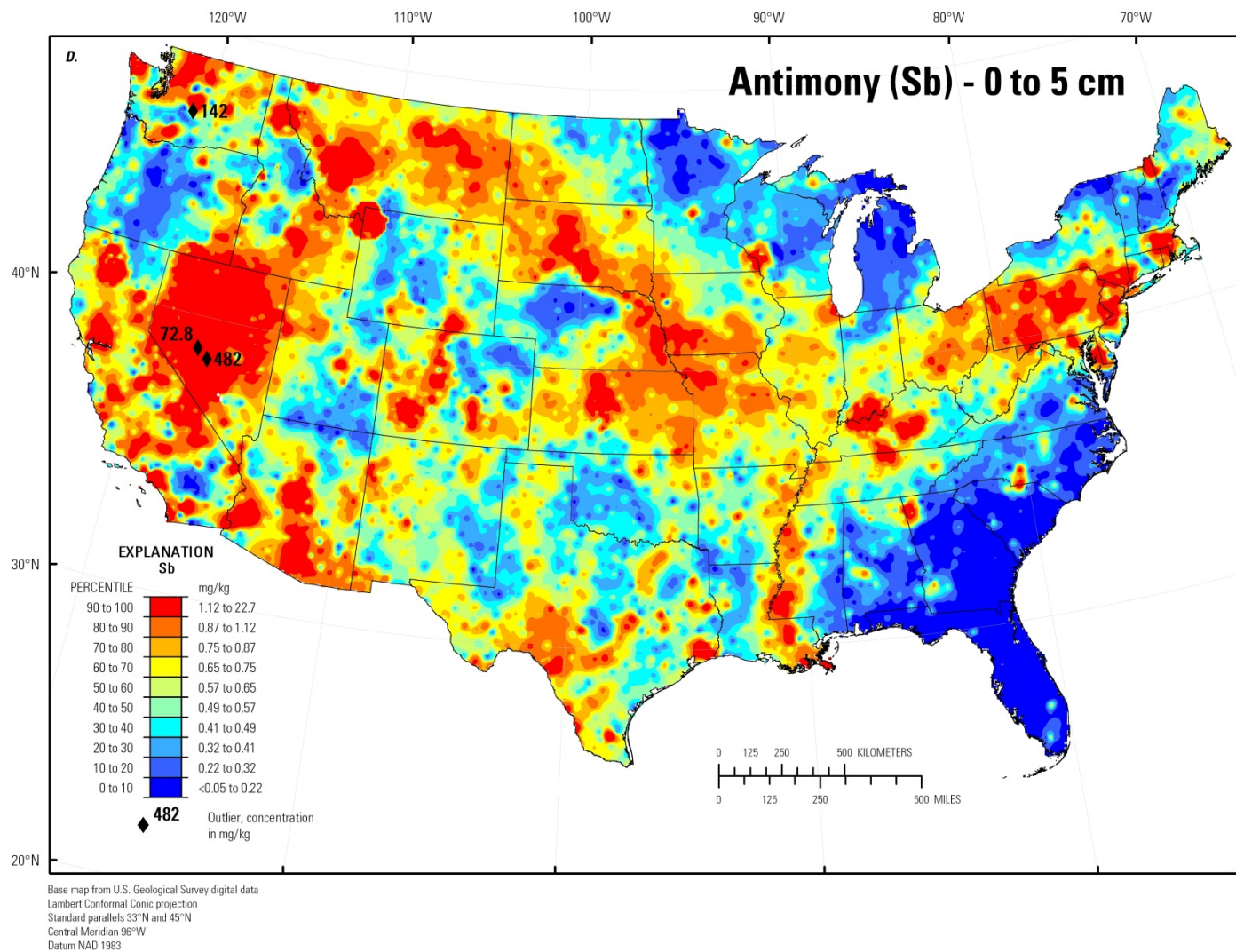


Figure 5. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of antimony (Sb) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram; cm, centimeters).—Continued

Antimony (Sb) in soil A horizon

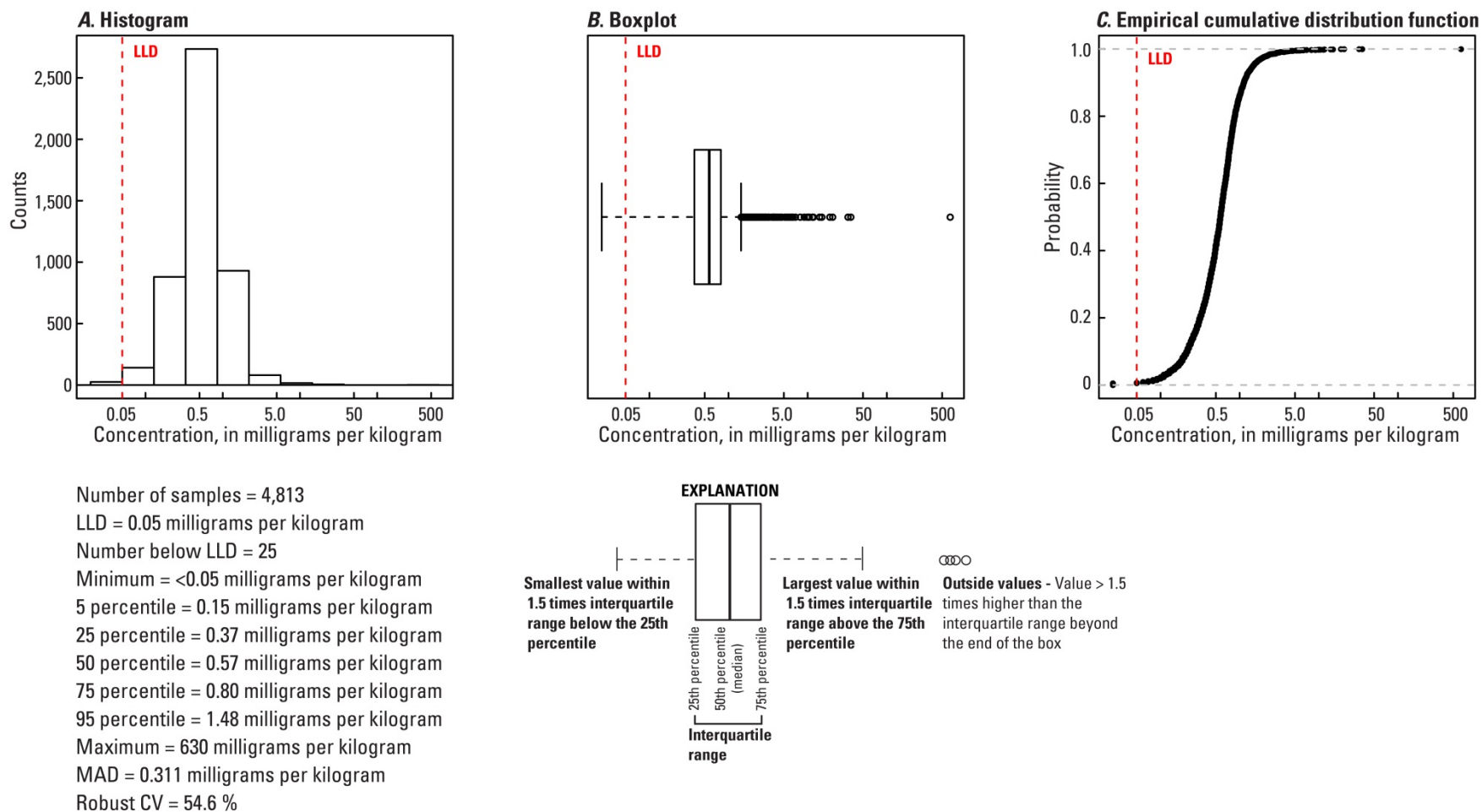


Figure 6. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of antimony (Sb) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).

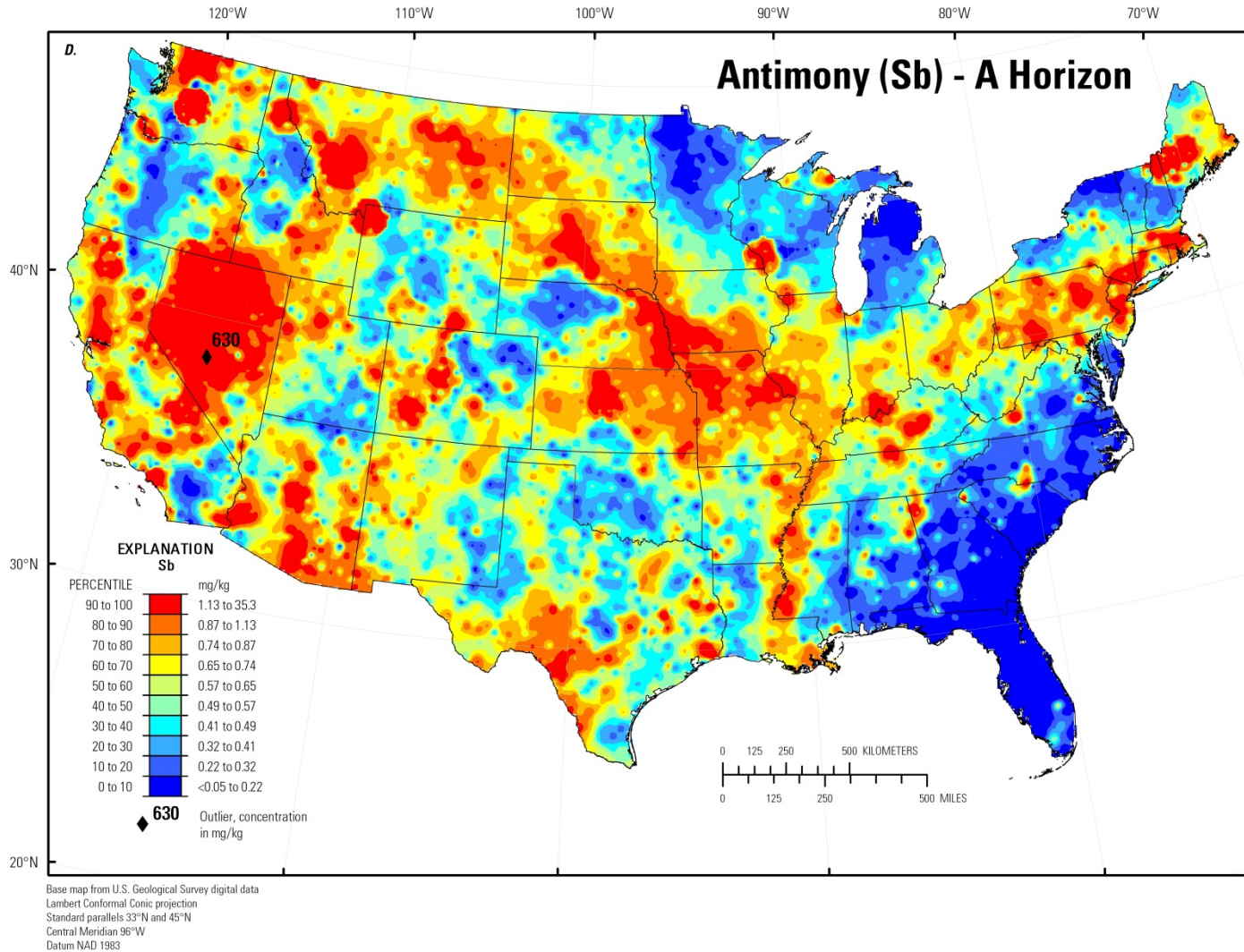
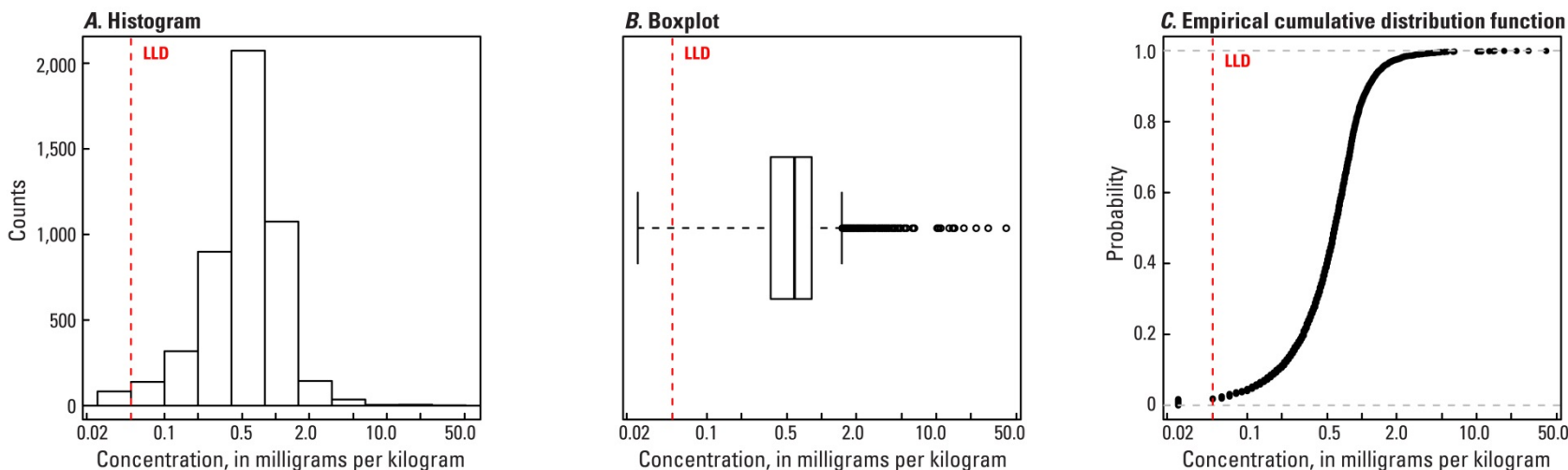


Figure 6. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of antimony (Sb) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).—Continued

Antimony (Sb) in soil C horizon



Number of samples = 4,780
 LLD = 0.05 milligrams per kilogram
 Number below LLD = 83
 Minimum = <0.05 milligrams per kilogram
 5 percentile = 0.11 milligrams per kilogram
 25 percentile = 0.36 milligrams per kilogram
 50 percentile = 0.58 milligrams per kilogram
 75 percentile = 0.82 milligrams per kilogram
 95 percentile = 1.49 milligrams per kilogram
 Maximum = 40.6 milligrams per kilogram
 MAD = 0.341 milligrams per kilogram
 Robust CV = 58.8 %

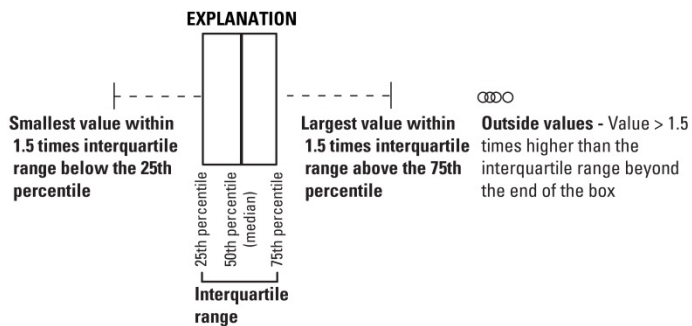


Figure 7. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of antimony (Sb) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).

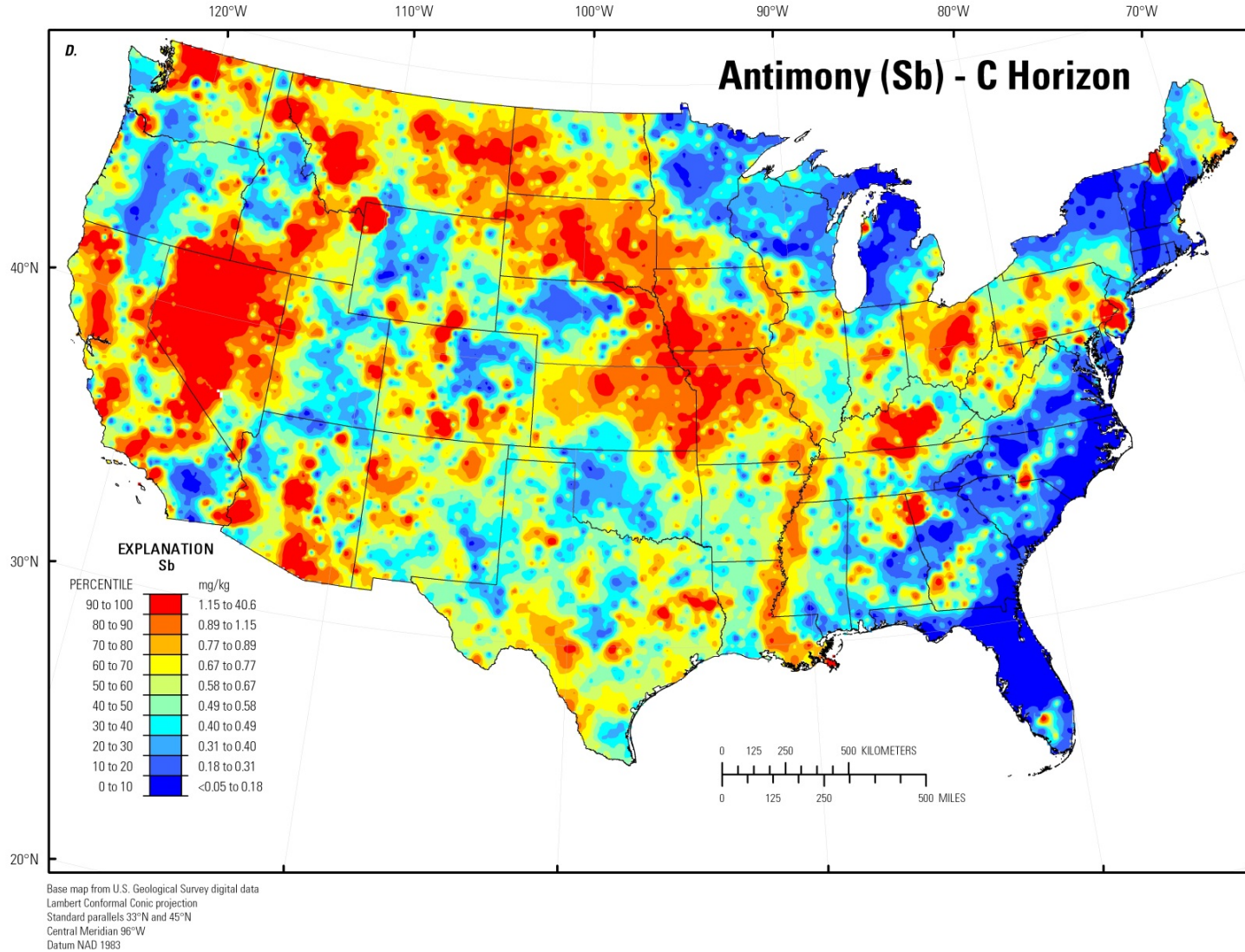


Figure 7. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of antimony (Sb) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).—Continued