



Geochemical and Mineralogical Maps for Soils of the Conterminous United States

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Lithium (Li) in soil collected from a depth of 0 to 5 centimeters

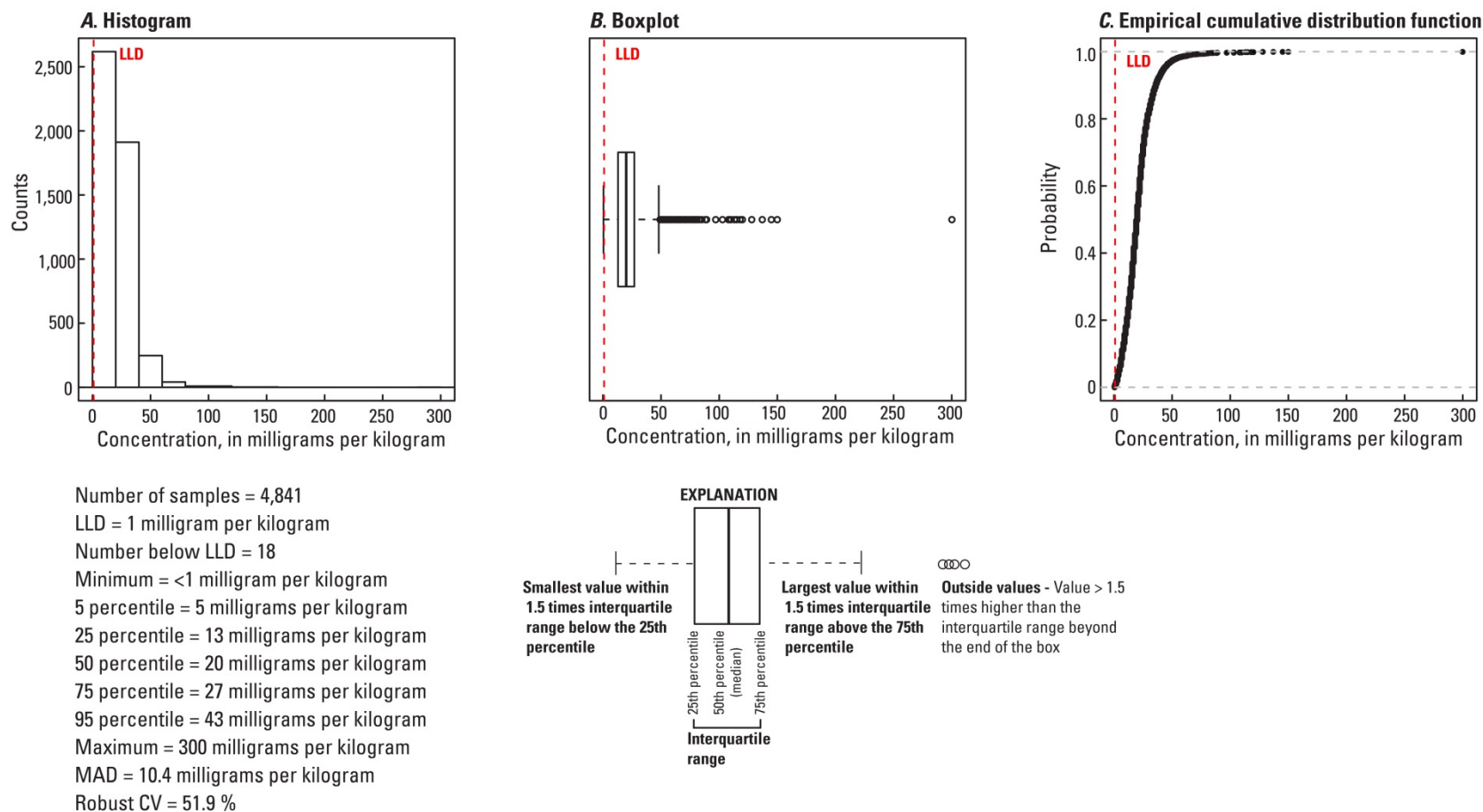


Figure 62. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lithium (Li) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram; cm, centimeters).

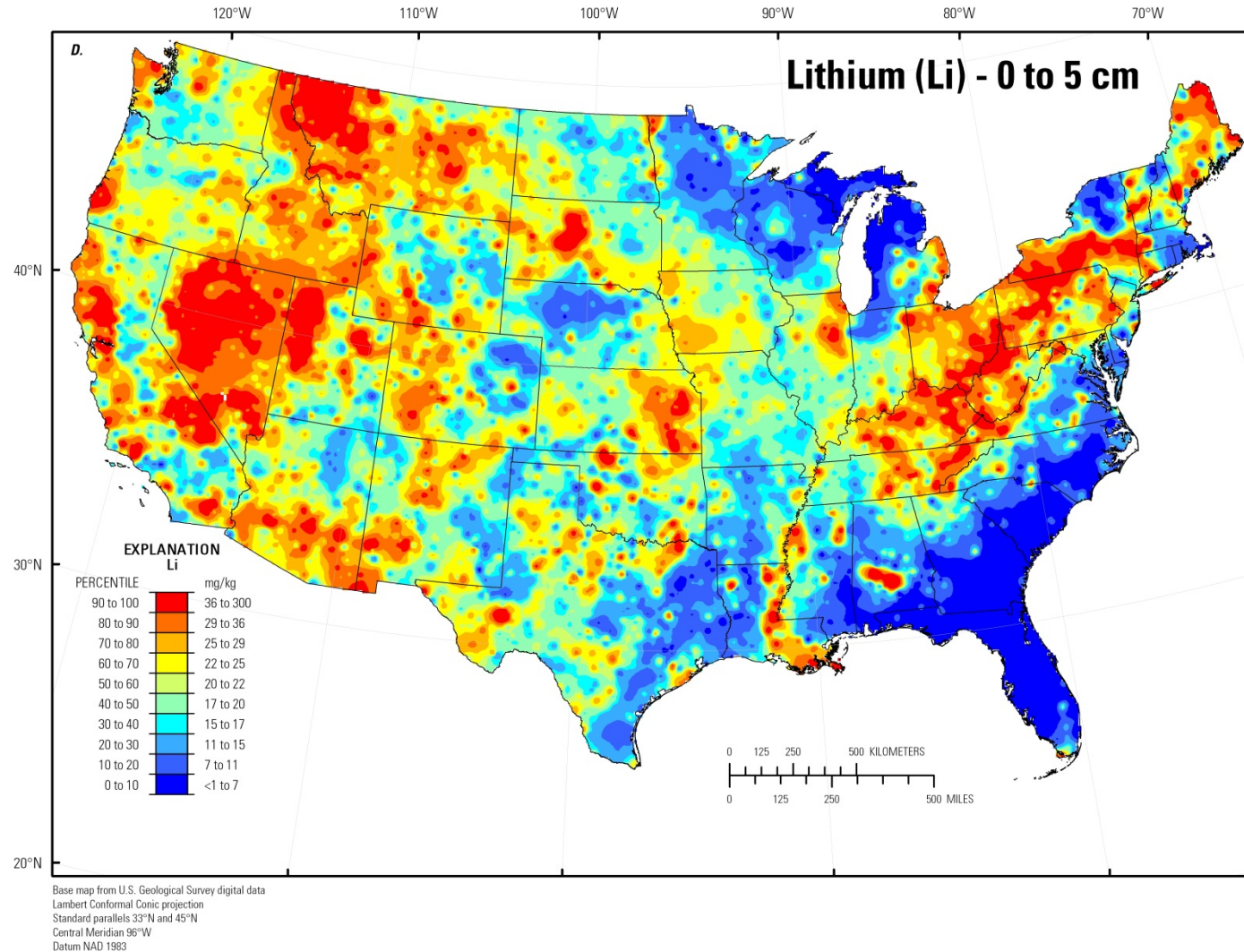


Figure 62. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lithium (Li) in surface soils collected from a depth of 0 to 5 centimeters, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram; cm, centimeters).—Continued

Lithium (Li) in soil A horizon

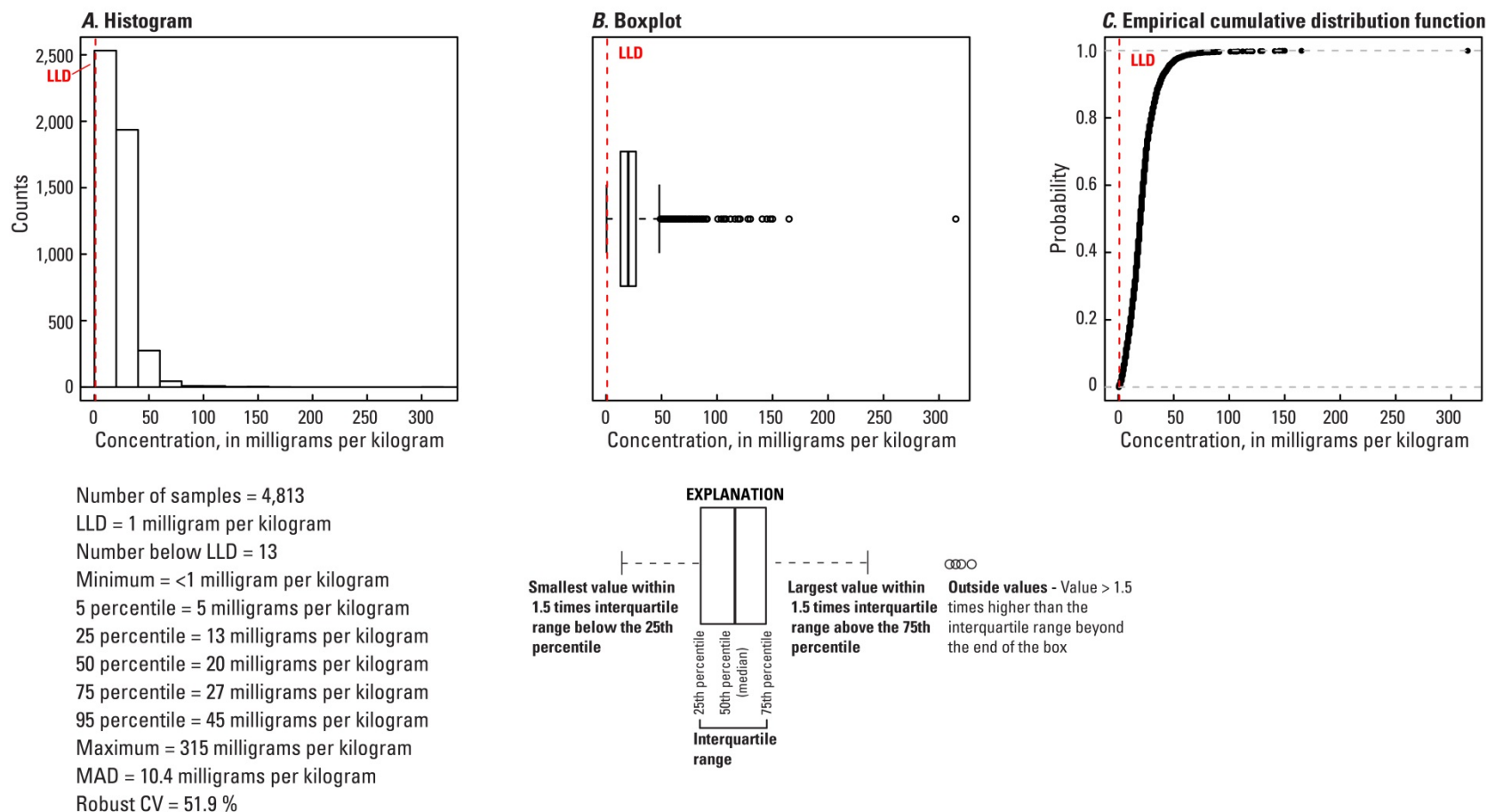


Figure 63. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lithium (Li) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).

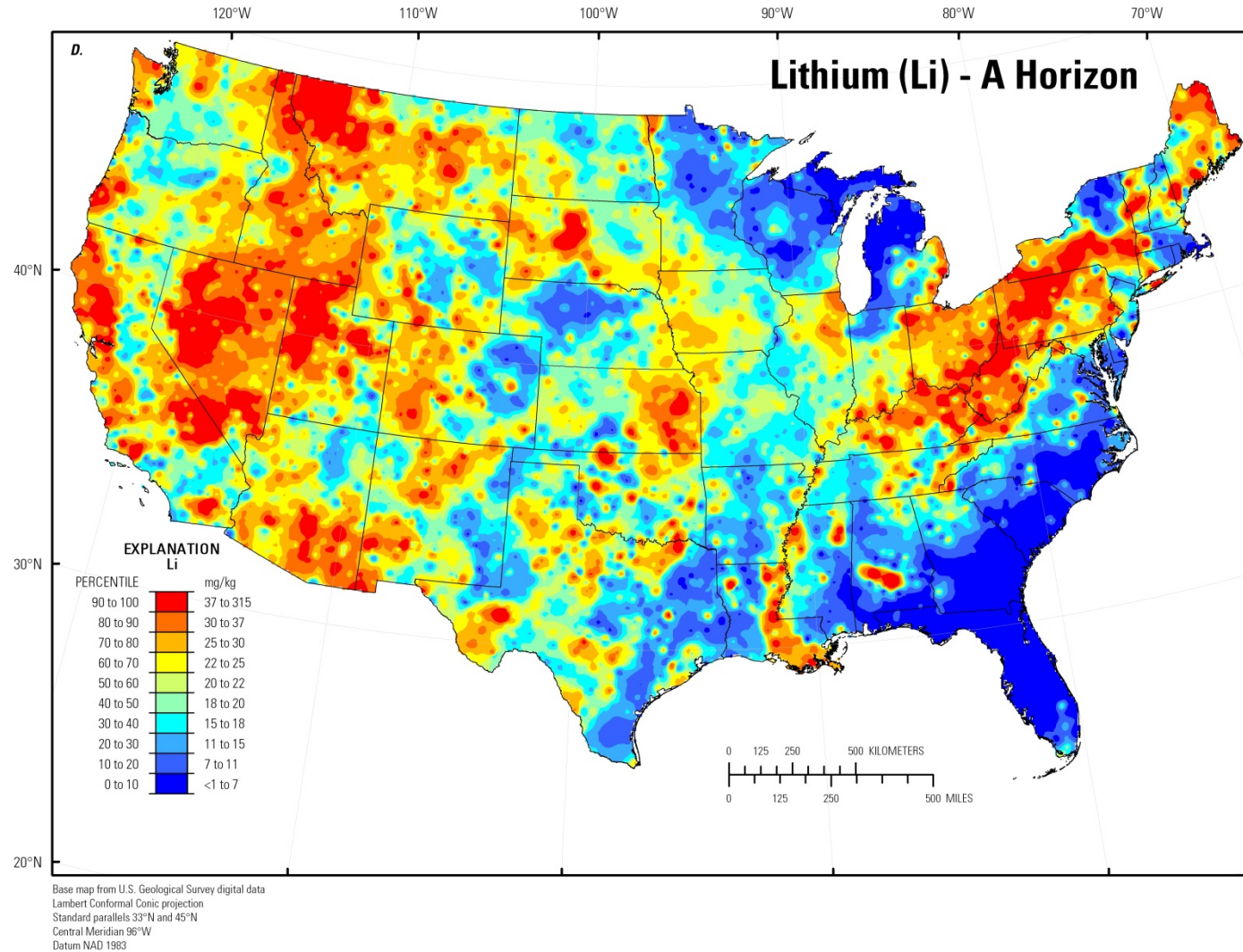
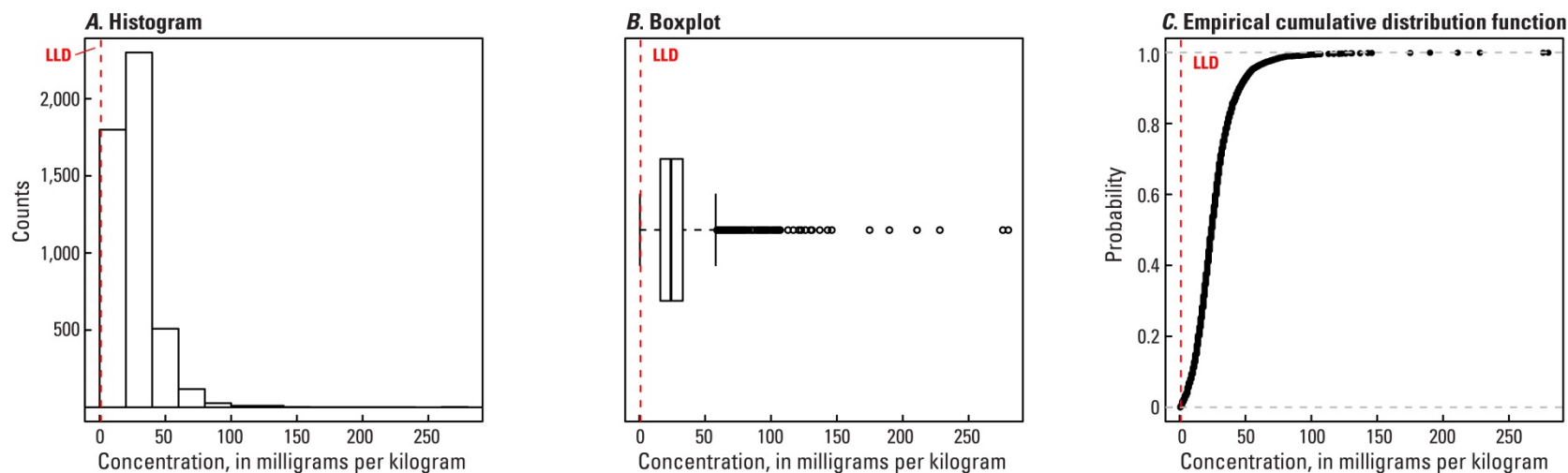


Figure 63. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lithium (Li) in the soil A horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).—Continued

Lithium (Li) in soil C horizon



Number of samples = 4,780

LLD = 1 milligram per kilogram

Number below LLD = 7

Minimum = <1 milligram per kilogram

5 percentile = 6 milligrams per kilogram

25 percentile = 16 milligrams per kilogram

50 percentile = 24 milligrams per kilogram

75 percentile = 33 milligrams per kilogram

95 percentile = 55 milligrams per kilogram

Maximum = 280 milligrams per kilogram

MAD = 11.9 milligrams per kilogram

Robust CV = 49.4 %

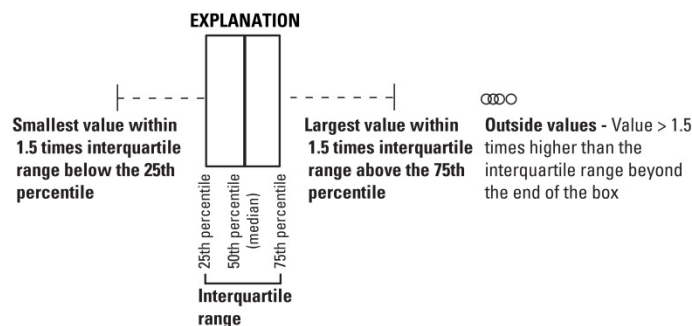


Figure 64. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lithium (Li) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).

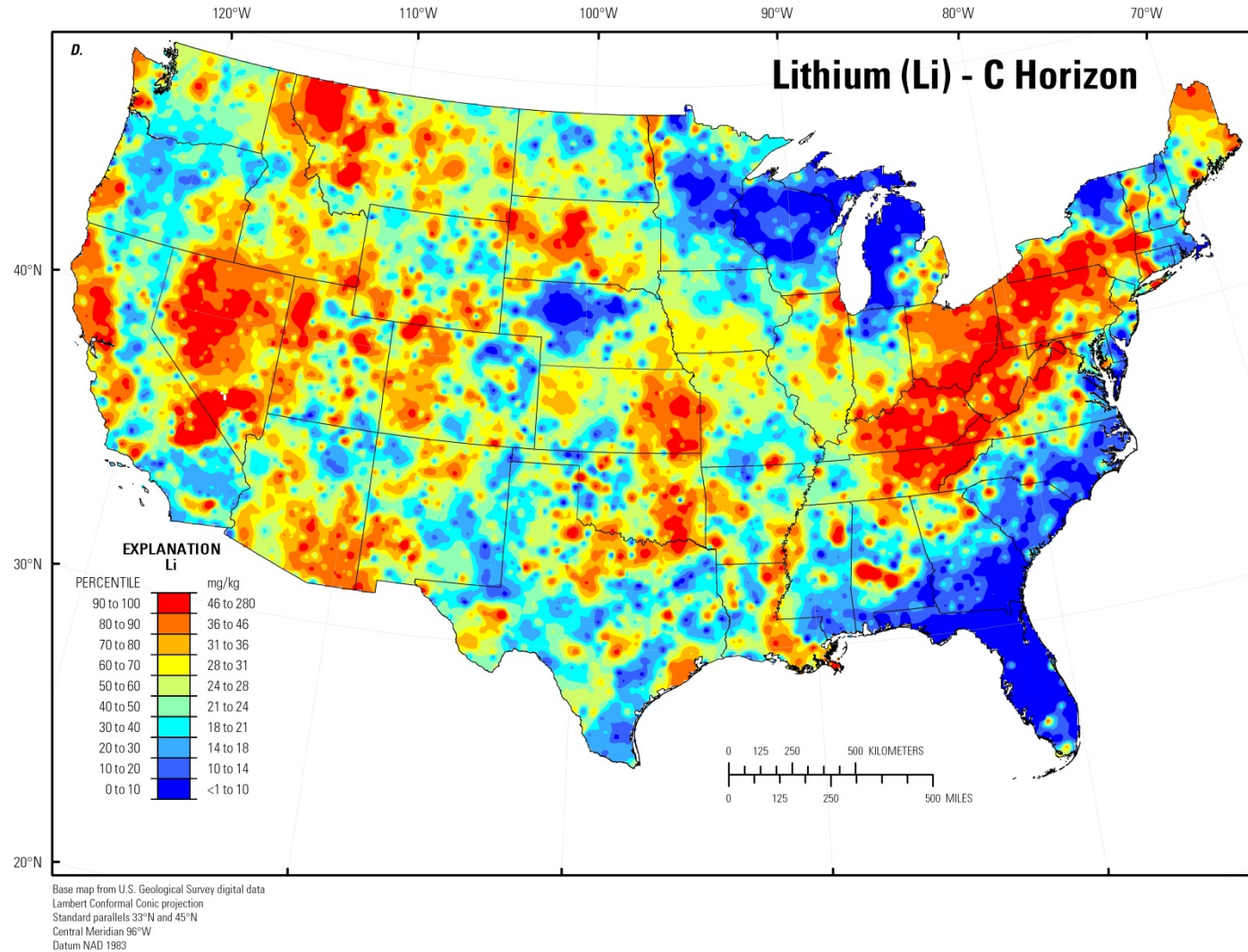


Figure 64. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of lithium (Li) in the soil C horizon, conterminous United States (LLD, lower limit of determination; MAD, median absolute deviation; CV, coefficient of variation; mg/kg, milligrams per kilogram).—Continued