Supplementary Information:

East River, Colorado glacial chronology and paleoclimate reconstructions for the latest Pleistocene

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This file contains supplementary Figure S1 and Figure S2.

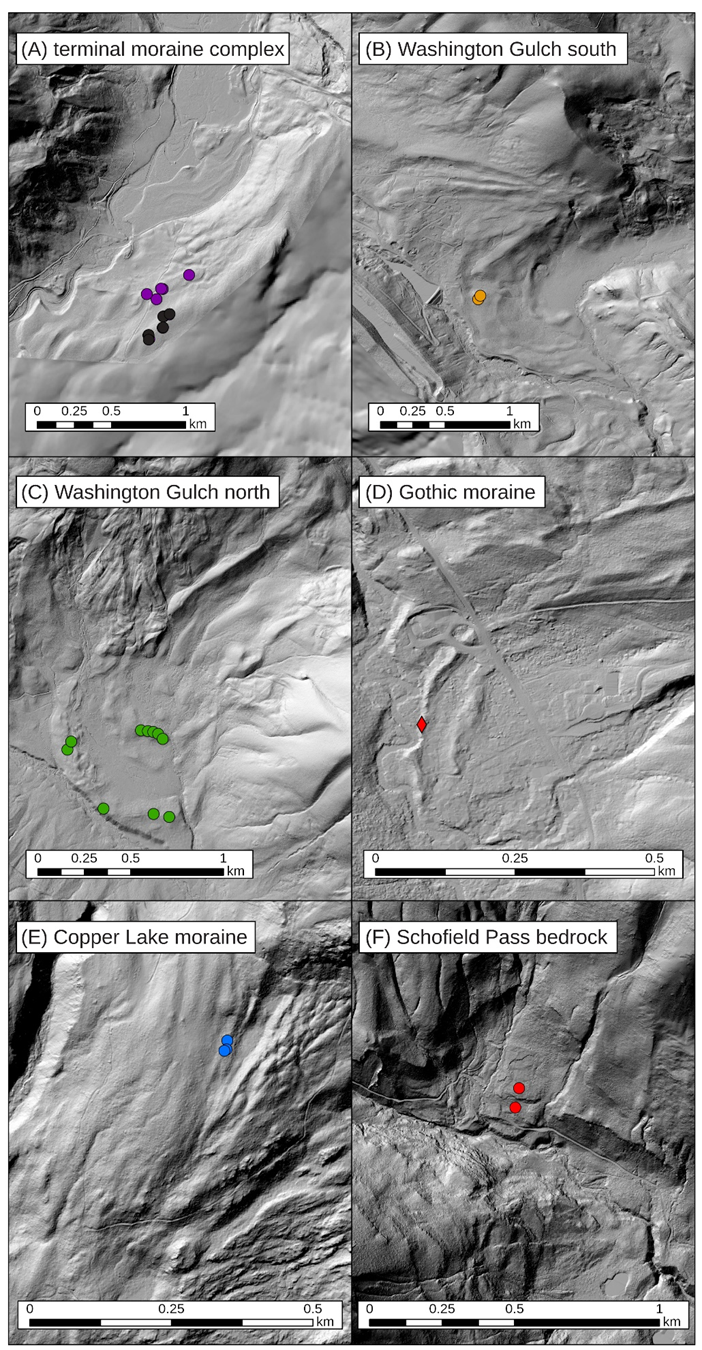


Figure S1. Lidar-derived shaded relief maps for sites with cosmogenic 10Be exposure age (circles) and depth profile (diamond) sample locations shown. Panels A-F and colors correspond to locations marked shown in Figure 1 and probability density functions in Figure 3.

Figure S2. Field photos of the soil pit at the Gothic moraine where the depth profile samples were collected. The pit extended to a depth of 150 cm. The general soil profile consisted of an A horizon extending from the top of the mineral soil to a depth of 12 cm, a Bw horizon extending from 12 to 50 cm depth, and two Bt horizons with depth intervals of 50 to 89 cm and 89 to 150+ cm, respectively.

A picture containing tree, outdoor, plant, wood

Description automatically generated

A hole in the ground

Description automatically generated with low confidence

A picture containing salamander

Description automatically generated