



Chaos Crags

View looking north from the saddle between Chaos Crags and Lassen Peak (Manzanita Lake quadrangle). The vent area for the initial Chaos Crags eruptions ($1,013 \pm 13$ yr B.P.) is marked by two tuff cones. The outer cone (with snow banks) is related to early pyroclastic eruptions that emplaced the lower and middle pyroclastic flows of unit pc. Dome A (unit rca) subsequently filled the crater (partly pumice-covered remnant on left side of inner cone). Eruption of the much larger upper pyroclastic flow from the inner tuff cone partially disrupted dome A. Deposits in the foreground are the upper pyroclastic flow of unit pc and contain scattered blocks of dome A. Deposits of the lower, middle and upper pyroclastic flows are not distinguished on the geologic map (Sheet 1). The craggy, pumice-free dome dominating the view is dome B (unit rcb). Lava cone in left distance is Sugarloaf Peak (unit ass, 46 ± 7 ka) a young andesite regional volcano.

Photograph by Michael A. Clynne.