



Lassen Peak and the Devastated Area

Aerial view of Lassen Peak and the proximal Devastated Area looking south. Area with sparse trees marks the paths of the avalanche and debris-flow deposits of May 19–20, 1915 (unit sw9) and the pyroclastic-flow and fluid debris-flow deposits of May 22, 1915 (unit pw2) (Clynne and others, 1999; Christiansen and others, 2002). Small dark crags just to right of the summit are remnants of the May 19–20, 1915 lava flow (unit d9). The composite dacite dome of Lassen Peak (unit dl, 27 ± 1 ka) dominates the upper part of the view. Lithic pyroclastic-flow deposit (unit pfl) from partial collapse of the dome of Lassen Peak is exposed in the canyon of the headwaters of Lost Creek in center of view. Ridges flanking central area are glacial moraines (unit Qta) thinly covered by deposits of the 1915 eruption of Lassen Peak (Christiansen and others, 2002). Small permanent snowfield is seen on the left lower slope of Lassen Peak. Area east of the snowfield is the rhyodacite lava flow of Kings Creek (unit rk, 35 ± 1 ka, part of the Eagle Peak sequence). Dacite domes of Bumpass Mountain (unit db, 232 ± 8 ka), Crescent Crater (unit dc, 236 ± 1 ka), hill 8283 (unit d82, 261 ± 5 ka) and Loomis Peak (unit rlm, ~ 300 ka) are part of the Bumpass sequence.

Photograph by Michael A. Clynne.