



Cinder Cone and Lassen Peak

View looking west-southwest from west flank of Sunrise Peak, just east of Butte Lake (Prospect Peak quadrangle). Skyline above timberline is the Lassen domefield. Reading Peak (unit dr, 212 ± 5 ka), Bumpass Mountain (unit db, 232 ± 8 ka), Mount Helen (unit dh, 249 ± 12 ka), Crescent Crater (unit dc, 236 ± 1 ka) and hill 8283 (unit d82, 261 ± 5 ka) are part of the Bumpass sequence. The rhyodacite flow of Kings Creek (unit rk, 35 ± 1 ka), the composite dacite dome of Lassen Peak (unit dl, 27 ± 1 ka) and the rhyodacite domes and pumiceous pyroclastic-flow and fall deposits of Chaos Crags ($1,103 \pm 13$ yr B.P.) are part of the Eagle Peak sequence. Fairfield Peak (unit mfp, 82 ± 14 ka), Hat Mountain (unit ah, ~ 45 ka) and Cinder Cone (1666 C.E.) are vents for basaltic andesite and andesite flows of the younger Twin Lakes sequence. Visible flows from Cinder Cone include Painted Dunes (units mp1 and mp2) and Fantastic Lava Beds (units mf1 and mf2). Hill 6975 is the vent for the andesite and basaltic andesite of Cluster Lakes (unit acl, 250–300 ka), part of the older Twin Lakes sequence. The andesite of Raker Peak (unit ap, 270 ± 18 ka) is also part of the older Twin Lakes sequence. Prospect Peak (unit ap, 247 ± 56 ka) is a regional calc-alkaline andesite and basaltic andesite volcano. Mount Conard (unit amc, 590–470 ka) forms the southeast rim of the eroded amphitheater of Brokeoff Volcano. Specific camera location 0.33 mi at 272° from Sunrise Peak.

Photograph by Patrick Muffler.