



Central Plateau and Prospect Peak

View looking east-northeast from Raker Peak (West Prospect Peak quadrangle) across the Central Plateau of Lassen Volcanic National Park. The foreground is the andesite of Raker Peak (unit arp, 270 ± 18 ka), part of the older Twin Lakes sequence. The flat forested area beyond Hat Creek in the middle ground is the surface of the andesite lava flow of Hat Mountain (unit ah, ~ 45 ka), part of the younger Twin Lakes sequence; the vent at Hat Mountain is off the photo to the right. Behind the Hat Creek flow is hill 6975, the vent for the andesite and basaltic andesite of Cluster Lakes (unit acl, 250–300 ka), part of the older Twin Lakes sequence. The large shield volcano on the left is Prospect Peak (unit ap, 247 ± 56 ka), a regional calc-alkaline andesite and basaltic andesite volcano. Just beyond the lower right slope of Prospect Peak is Cinder Cone (1666 C.E.), part of the younger Twin Lakes sequence. The skyline comprises volcanoes of the Caribou Volcanic Field. The twin cones in the center skyline are the cinder cones for the basalt of Twin Buttes (unit bdt, 46 ± 3 ka). The prominent butte beyond hill 6975 is Black Butte, the cinder cone for the basaltic andesites of Black Butte (unit mdb, 50–70 ka). Both Twin Buttes and Black Butte are part of the Bidwell Spring chain. On the far right skyline is Ash Butte (unit bra, 40–70 ka). Between Black Butte and Ash Butte is hill 2283, vent for the basalt of hill 2283 (unit br22, 40–70 ka). Both Ash Butte and hill 2283 are part of the Red Cinder chain.

Photograph by Michael A. Clynne.