



¹All ages are based on radiocarbon-age determinations made in the U.S. Geological Survey radiocarbon laboratory under the supervision of Meyer Rubin and Elliot Spiker.
²See figure 1 for locations of creek valleys.
³Distances indicated are from summits of various cones unless otherwise specified.

⁴Some of the events listed have only maximum or minimum age control; deposits from certain individual events may be present, but not identified, at several locations within a valley.

⁵Air-fall lapilli from the Red Banks eruption are interbedded with basaltic andesite cinders of a cinder cone south of Red Butte; thus, the eruptions were closely spaced in time (R. L. Christiansen, oral commun., 1978).

EXPLANATION

- Age of event dated by radiocarbon.
- Age of event relatively well known based on a range of radiocarbon dates, stratigraphic position, soil-profile development, ring counts on trees, or other methods of approximating the age of deposits.
- ⊗ Age of event relatively poorly known and may have been any time between the nearest older and younger events. Plotted time is a "best guess."

EVENTS AT MOUNT SHASTA DURING THE LAST 10,000 YEARS