



EXPLANATION

FLOWAGE HAZARD ZONES—Blank areas within hazard zones are hills thought to be too high to be reached by pyroclastic flows or mudflows. These areas, however, may be affected by ash clouds and air blasts associated with pyroclastic flows. The area west of Shasta, within hazard zones 1, 2, and 3 (shown by dot pattern), is not likely to be directly affected by pyroclastic flows or mudflows originating near the summit or on the north, east, or south flanks of Mount Shasta. The area will probably be shielded from ash flowage deposits by the cone of Shasta. This area, however, may be affected by air blasts and ash clouds associated with pyroclastic flows originating near the summit or on the north, east, or south flanks of Mount Shasta.

- Zone 1—Areas likely to be affected most severely and most frequently by pyroclastic flows and associated ash clouds, lateral blasts, and mudflows resulting from future eruptions.
- Zone 2—Areas of intermediate potential hazard likely to be affected less frequently by pyroclastic flows and associated ash clouds and mudflows from future eruptions.
- Zone 3—Areas likely to be affected by future mudflows and ash clouds associated with pyroclastic flows in zones 1 and 2. Zone 3 could also be affected by very large, but infrequent, future pyroclastic flows and their associated ash clouds.
- Zone 4—Area likely to be affected only by mudflows resulting from future eruptions.

ZONES OF POTENTIAL HAZARD FROM PYROCLASTIC FLOWS AND ASSOCIATED ASH CLOUDS AND MUDFLOWS THAT MAY RESULT FROM FUTURE ERUPTIONS IN THE VICINITY OF MOUNT SHASTA, CALIFORNIA