

GEOLOGIC ASSESSMENT OF PIEDMONT FLOOD HAZARDS IN THE IVANPAH VALLEY PART OF THE COTTONWOOD PASS AND POTOSI 7.5 QUADRANGLES, CLARK COUNTY, NEVADA

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MAP EXPLANATION

This map is a guide to the basic geologic conditions present from piedmont areas south of the course of Interstate 15 and east of the course of Interstate 11 to the boundary of Potosi 7.5' Quadrangle, Clark County, Nevada. The map shows potential flood hazards using a five-class system that is based on geologic evidence of flow frequency, flow magnitude, and surface stability. The map is intended to show flood hazard types that are currently active or have been active in the near future. High hazard classes (i.e., very high, high, and moderate) include areas that are actively eroding, transporting, and depositing materials under current climatic conditions. These classes should be further characterized through analysis of specific conditions and processes. Moderate hazard classes (i.e., low and indeterminate) include areas that are also actively eroding, transporting, and depositing materials but may be less of a flood hazard than high hazard classes. Low hazard classes include areas that are not currently active but may be active in the future. Indeterminate hazard classes include areas that are not currently active and may not be active in the future. The map is intended to show flood hazard types that are currently active or have been active in the near future.

REFERENCES