



Geologic Map of the Mount Olympus 1:100,000 Quadrangle, Washington

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INTRODUCTION
This map of the Mount Olympus 1:100,000-scale quadrangle covers the central and eastern Olympic Peninsula and was compiled to support construction of the northeast quadrant of a 1:250,000-scale geologic map of Washington (Gerstel and others, 2003). Until recently, most geologic maps of the peninsula focused stratigraphy and structure. Quaternary deposits were shown minimally, where they obscured the bedrock, and then only as equal-area units defined by broad-scale lithological and structural data. This map is the first geologic map of the Mount Olympus 1:100,000-scale quadrangle to show Quaternary units, individual glacial deposits and alluvium. This map displays geologic units, including age- and lithology-related symbols and other features that are important to the geologic interpretation of the map. This map displays geologic units, including age- and lithology-related symbols and other features that are important to the geologic interpretation of the map. This map displays geologic units, including age- and lithology-related symbols and other features that are important to the geologic interpretation of the map.

QUATERNARY DEPOSITS
Todd (1979) and Frisken (1965) laid the foundation for mapping of glacial deposits in the east-drainage of the Olympic Peninsula. Crandall (1965) provided the first detailed study of the glacial deposits in the central and eastern Olympic Peninsula. This map is the first geologic map of the Mount Olympus 1:100,000-scale quadrangle to show Quaternary units, individual glacial deposits and alluvium. This map displays geologic units, including age- and lithology-related symbols and other features that are important to the geologic interpretation of the map.

ALBIAN-HOLOCENE FLUVIAL DEPOSITS
The Albian-Holocene fluvial deposits are the most extensive and best exposed of the Quaternary deposits in the Mount Olympus 1:100,000-scale quadrangle. These deposits are the result of the erosion of the Olympic Peninsula by the Albian-Holocene fluvial system. This map is the first geologic map of the Mount Olympus 1:100,000-scale quadrangle to show Quaternary units, individual glacial deposits and alluvium. This map displays geologic units, including age- and lithology-related symbols and other features that are important to the geologic interpretation of the map.

CONTINENTAL RECESSED OVERSHOOTS
The continental recessed overshoots are the result of the erosion of the Olympic Peninsula by the Albian-Holocene fluvial system. This map is the first geologic map of the Mount Olympus 1:100,000-scale quadrangle to show Quaternary units, individual glacial deposits and alluvium. This map displays geologic units, including age- and lithology-related symbols and other features that are important to the geologic interpretation of the map.

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ACKNOWLEDGMENTS
This map is the result of the cooperation of many individuals and organizations. We thank the following for their assistance: [List of names and organizations]

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Aldrich, W. D., 1979. Neogene mollusk stages of Oregon and Washington. In: [Book title], p. 1-11.
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