

Study Area and Model Area Boundary Descriptions

The study area covers about 706 mi² in western Pierce County, Washington, and initially was selected to include major hydrologic features that could be used as regional model boundaries during the second phase of this project. The study area defines the region of groundwater and surface-water data collection, and coincides with the area in which the hydrogeologic framework was developed. The study area extends northeast to the Puyallup River, southwest to the Nisqually River, and is bounded on the south and east by foothills of the Cascade Range and on the northwest by Puget Sound.

The model covers an area of about 491 square miles in western Pierce County, Washington, and includes major hydrologic features that could be used as hydrologic boundaries of the groundwater-flow model of the CCCW and vicinity. The model area is bounded to the northeast by the Puyallup River valley, to the southwest by the Nisqually River valley, and extends northwest to Puget Sound, and southeast to Tanwax Creek which approximates the southeastern extent of the majority of water-bearing hydrogeologic units.