



**Note:** Small unconnected mapped areas of inundation may or may not have been flooded.

**Note 1:** GIS analysis suggests that water overtopped levee here. It was reported that water overtopped the right bank levee in this general area and flowed north along 178th and then into the city of Orting causing minor, localized flooding.

**Note 2:** It was reported that the right bank levee was overtopped in places from river mile 19.8 to 21.0. Approximate extent of flooding was delineated by Ken Wolfe, City of Orting.

**Note 3:** It was observed during the high-water mark survey that the left bank levee was overtopped in this area.

**Note 4:** Aerial photographs at the time of the flood show localized flooding on the golf course disconnected from the river. This area was removed from the inundation mapping. Aerial photographs provided by Pierce County Surface Water Management (Randy Brake, written commun., 2009).

**Note 5:** It was reported that there was some flooding over the levee on the right bank in this portion of the golf course.

**Note 6:** There is a new setback levee on the left bank here that is not represented in the terrain data. The actual depths of inundation in this area may be different than shown.

**Note 7:** Floodwaters inundated the riparian area outside the right bank levee in this area according to Ken Wolfe, City of Orting. Actual inundated depths and extent may be different.

**Map showing magnitude and extent of January 2009 flooding on river mile 17.5 to 22.6, Puyallup River, Pierce County, Washington.**

By  
Mark C. Mastin, Andrew S. Gendaszek, and Christiana R. Barnas  
2010