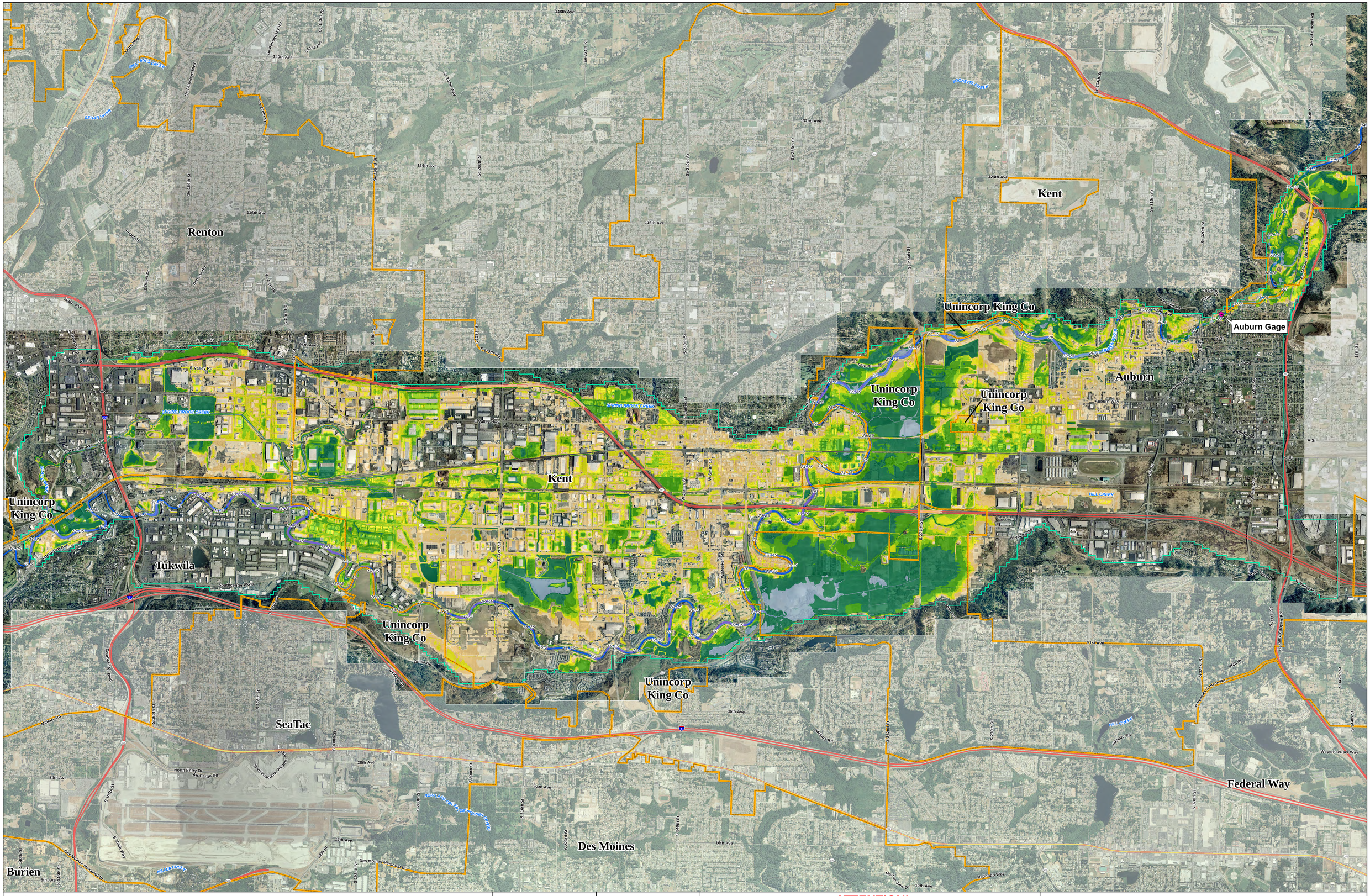


Flood Depth (feet)

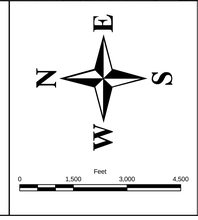
- 0 -1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 6
- 6 - 10
- 10 - 15
- 15 - 20
- 20 - 30
- 30 - 40

- Auburn Gage
- 15.5 River Miles for Green River
- Jurisdictional Boundaries
- Major Highways
- Primary Roads
- Secondary Roads
- Model Extent

NOTE: **THIS IS AN INUNDATION MAP; THIS IS NOT AN EVACUATION MAP.**

The water depth data presented in this map is output from a computer model of the Green River. The model used as its basis the topographic mapping and hydraulic modeling previously developed by Northwest Hydraulic Consultants, Inc. for King County. While the model is the most comprehensive and current hydraulic model available for the Green River, the model represents conditions for a particular point in time (i.e. 2006) and is focused primarily on simulation of the FEMA 100-year flood event. In addition, because the modeled area has not flooded since the construction of Howard Hanson Dam there is little data available for calibration. The model simulates flow on a grid size of 180ft by 180ft, but is disaggregated during mapping to a 10ft by 10ft grid based on an underlying 10ft by 10ft resolution topo DEM. There is inherent uncertainty in any model, and results should be interpreted with experience and caution.

King County Reference Map



ATTENTION!

This map shows a potential scenario based on 19,500 cubic feet per second flow in the Green River as measured at Auburn. This map is intended to provide the public with an idea of the range of flooding that could occur. However, the scenario cannot consider every uncertainty associated with an actual flood event. In short, this is not the only scenario possible, but allows for planning.

This map is meant to inform the public of potential risks, but does not display all the hazards associated with flooding such as loss of electricity, closed transportation routes, etc. The public should communicate with their city and/or county to understand the potential impacts, responses, and methods of emergency warning communication.

Simulated Water Depth for a Peak flow at Auburn Gage of 19,500 cfs

Coordinate System: Washington State Plane North
Projection: Lambert_Conformal_Conic
Vertical Datum: NAVD88 feet
Horizontal Datum: NAD 83 / 91 (HARN)

Source Data: Based on hydraulic modeling performed by NHC with flow scenarios provided by USACE

Orthophotography: February 2006

Full Model Extent

US Army Corps of Engineers

26-October-2009