U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

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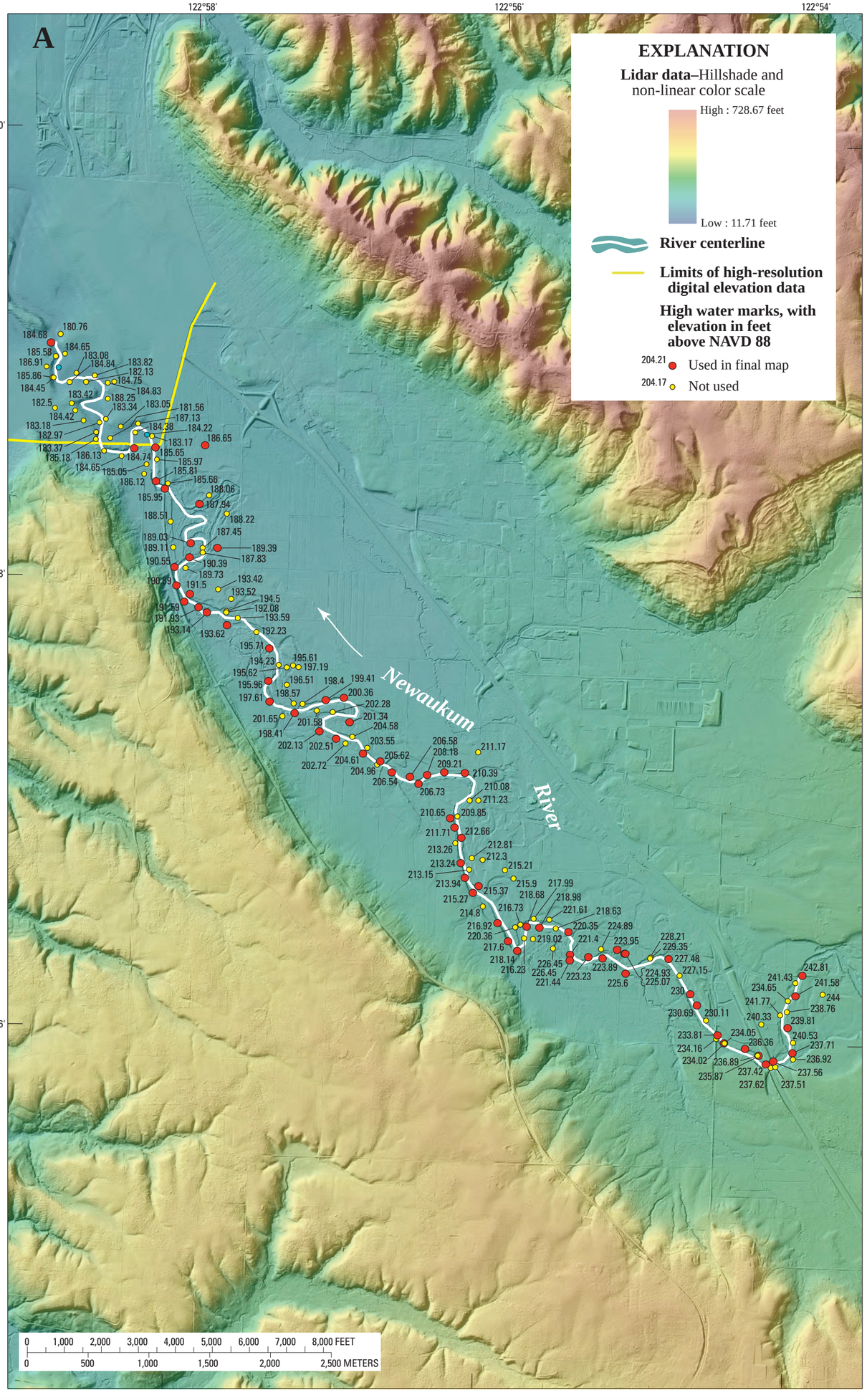
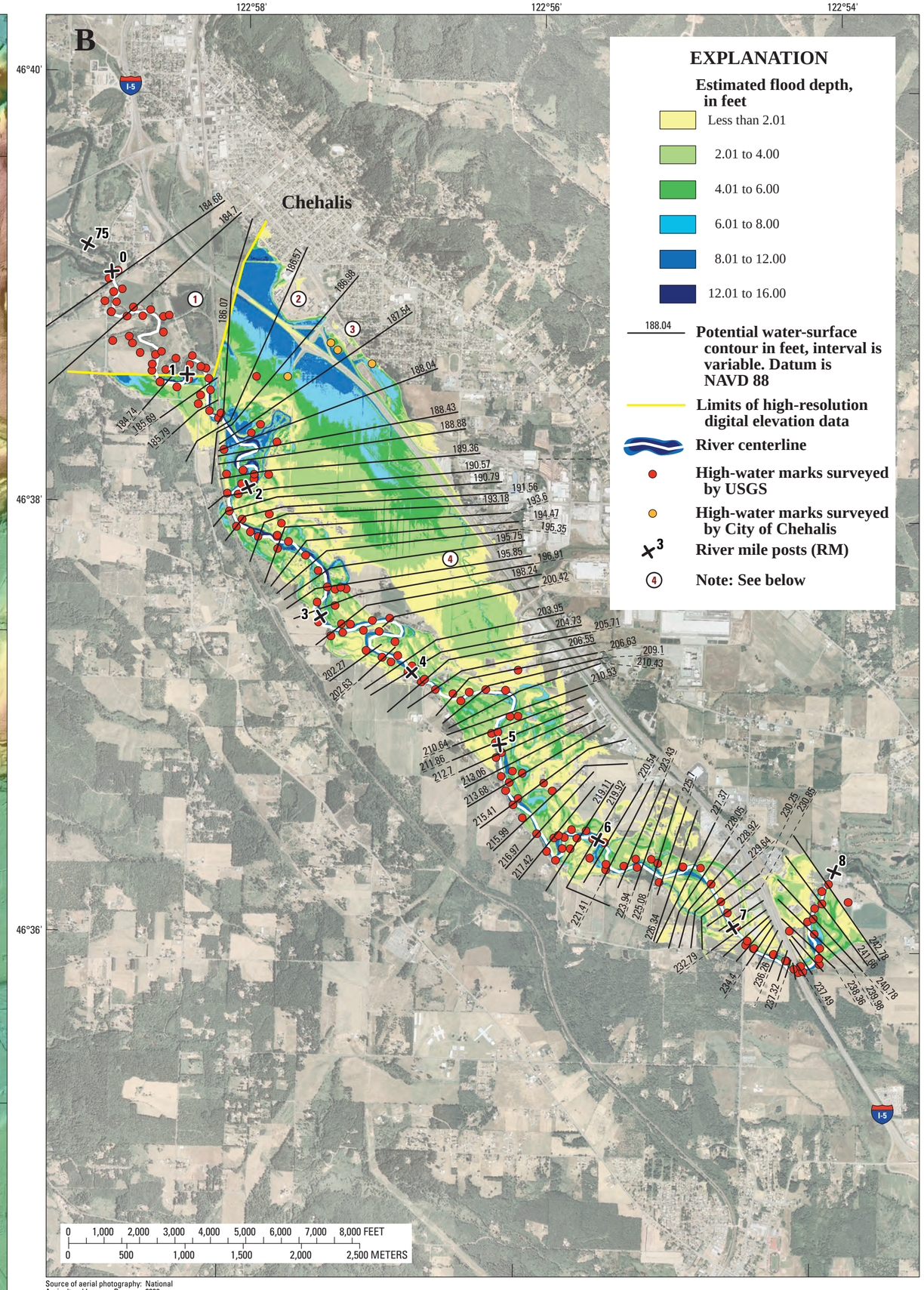
FEDERAL EMERGENCY MANAGEMENT AGENCY

SCIENTIFIC INVESTIGATIONS REPORT 2010–5177
Magnitude and extent of flooding on Newaukum River—PLATE 1
Mastin, M.C., Gendaszek, A.S., and Barnas, C.R., 2010, Magnitude and Extent of Flooding at Selected River Reaches in Western Washington, January 2009





Source of aerial photography: National Agricultural Imagery Program, 2008

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

Note **1**: The extent of available high-resolution digital elevation data has restricted the mapping of inundation to the areas shown.

Note **2**: From aerial photographs taken at the time of flooding, it is known that I-5 was inundated near Exit 76. (WSDOT Flickr Photo Album: I-5 2009 Lewis County Flooding [accessed December 22, 2009, at http://www.flickr.com/photos/wsdot/sets/72157612333341812/]).

Note **3**: City of Chehalis measured high-water marks in this area at approximately 186.4 ft (NAVD88). (Data provided by Matt Hyatt, GIS Manager, Lewis County Public Works)

Note **4**: No high-water marks were collected along Dillenbaugh Creek, which is to the east of the Newaukum River. Aerial photographs taken by WSDOT at the time of flooding show inundation in this area along Dillenbaugh Creek, however, the actual extent and depth of flooding is unknown. (Aerial photographs provided by Matt Hyatt, GIS Manager, Lewis County Public Works)

Map showing magnitude and extent of January 2009 flooding on river mile 0 to 8, Newaukum River, Lewis County, Washington.

By
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